

**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY**  
**TIRUCHENGODE – 637 215**  
**MANDATORY DISCLOSURE**

**1. COLLEGE**

- |      |   |   |   |
|------|---|---|---|
| i.   | Name of the College                             | : | <b>K S R INSTITUTE FOR<br/>ENGINEERING AND TECHNOLOGY</b>               |
| ii.  | Address of the site as<br>approved by the AICTE | : | <b>K S R KALVI NAGAR,<br/>TIRUCHENGODE – 637 215<br/>NAMAKKAL (Dt.)</b> |
| iii. | Telephone Numbers                               | : | <b>04288 – 274745</b>   |
| v.   | Fax Numbers                                     | : | <b>04288 – 274745</b>   |
| vi.  | E-mail Id                                       | : | <b><a href="mailto:admin@ksriet.ac.in">admin@ksriet.ac.in</a></b>       |
| vii. | Website address                                 | : | <b><a href="http://www.ksriet.ac.in">www.ksriet.ac.in</a></b>           |

**2. Trust / Society**

- |       |  |   |   |
|-------|--|---|---|
| i.    | Name of the Trust / Society                        | : | <b>AARTHI EDUCATIONAL AND<br/>CHARITABLE TRUST</b>  |
| ii.   | Address of the registered office                   | : | <b>5/492, K.S.R. Kalvi Nagar,<br/>Kuchipalayam (Po),<br/>Tiruchengode – 637 215<br/>Namakkal( Dt.)</b>  |
| iii.  | Registration number                                | : | <b>386</b>  |
| iv.   | Date of registration                               | : | <b>25/10/1996</b>   |
| v.    | Name of the Chairman /<br>Secretary/ Correspondent | : | <b>Mr. R. SRINIVASAN, Chairman,<br/>Aarthi Educational and<br/>Charitable Trust<br/>5/492, K.S.R. Kalvi Nagar,<br/>Kuchipalayam (Po),<br/>Tiruchengode – 637 215<br/>Namakkal( Dt.)</b> |
| vi.   | Telephone numbers - Office                         | : | <b>04288 – 274745</b>   |
|       | Residence  | : | <b>04288 – 283983</b>   |
| vii.  | Fax numbers  | : | <b>04288 – 274745</b>   |
| viii. | Mobile numbers                                     | : | <b>9894955555</b>   |
| ix.   | E-mail   | : | <b><a href="mailto:aarthitrust@gmail.com">aarthitrust@gmail.com</a></b>   |

### 3. Principal

- i. Name : **Dr. M. VENKATESAN**
- ii. Qualification : **M.E., Ph.D.,**
- iii. Date of Joining : **01.07.2011**
- iv. Telephone numbers – Office : **04288 – 274745**
- v. Fax numbers : **04288 – 274745**
- vi. Mobile numbers : **99444 56056**
- vii. E-mail : [\*\*principal@ksriet.ac.in\*\*](mailto:principal@ksriet.ac.in)
- viii. Residential address : **68, Brindavan Nagar Koottapalli  
Tiruchengode- 637 214  
Namakkal (Dt.)**

4. Name of the affiliating University : **Anna University, Chennai**

Address : **Anna University, Sardar Patel Road,  
Guindy ,Chennai - 600 025**

Website : **www.annauniv.edu**

Latest affiliation period : **2021– 2022**

### 5. Governing Council

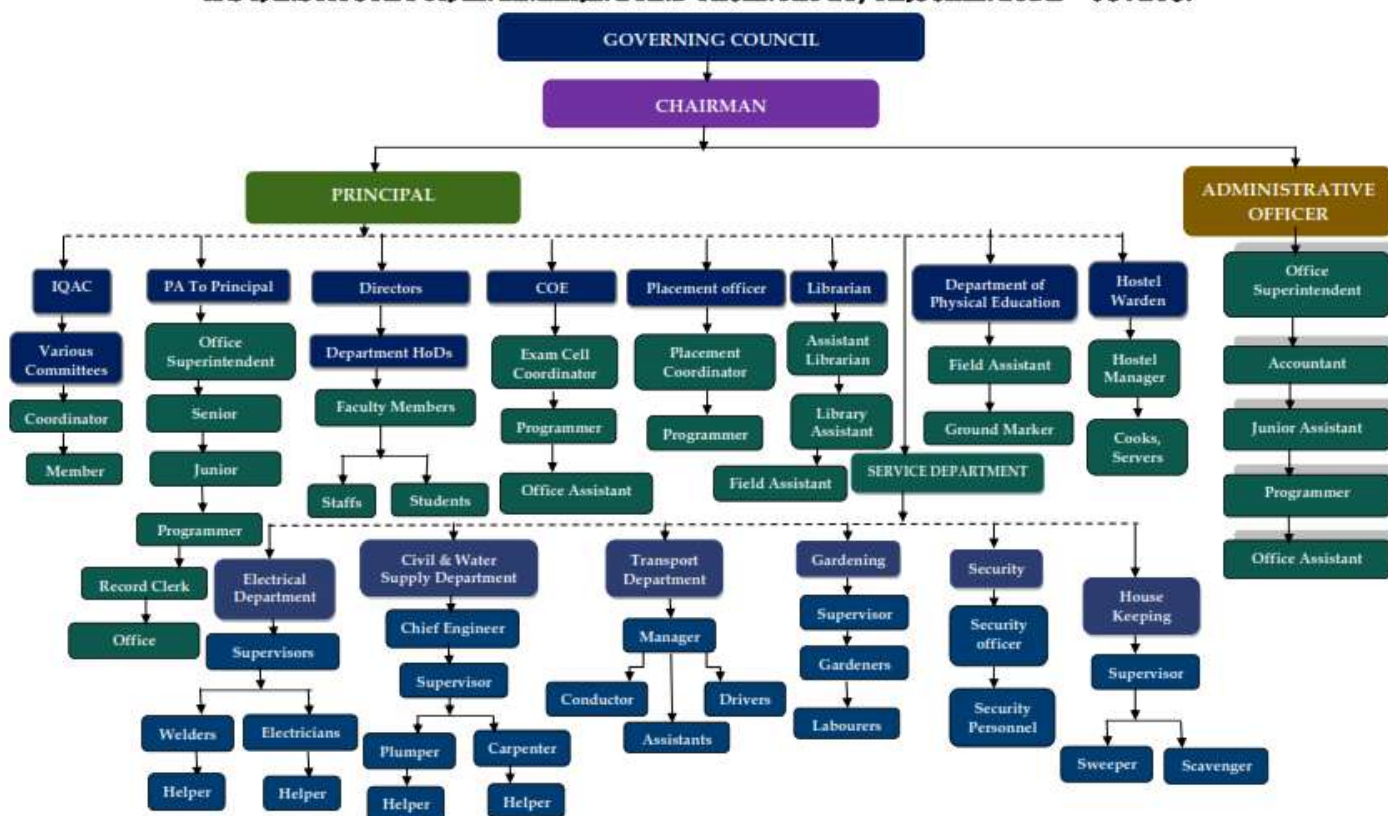
#### Governing Board Members

S.NO.	Name and Address	Representation
1	Thiru. R. Srinivasan, B.B.M., MISTE, 5/492, K.S.R. Kalvi Nagar, Kuchipalayam (Po), Tiruchengode – 637 215.	Chairman cum Managing Trustee
2	Tmt. Kavitha Srinivasan, M.A., M.B.A., M.Phil., 5/492, K.S.R. Kalvi Nagar, Kuchipalayam (Po), Tiruchengode – 637 215.	Member
3	Shri K.S. Sachin, 5/492, K.S.R. Kalvi Nagar, Kuchipalayam (Po), Tiruchengode – 637 215.	Member
4	Industrialist / Technologist / Educationalist from the Region	Mr. R.Sundaram Industrialist
5	AICTE Nominee	To be nominated
6	Nominee from University	To be nominated
7	Directorate of Technical Education Guindy, Chennai – 600 025.	Dr. B.V.Bhuvaneswari Associate Professor & Head Dept of Physics, ACGCE&T KARAIKUDI

8	Senior Faculty Member	Dr. J.C. Kannan, Professor & Director- Student Affairs Department of Physics
9	Faculty Members	Dr. P. Meenakshi devi Professor & Director-Academics Dr. B. Kalaavathi, Professor & Director – Research & Development
10	The Principal, K S R Institute for Engineering and Technology, Tiruchengode	Member Secretary

## Organizational Chart

### K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE – 637215.



## **Student feedback mechanism on Institutional Governance / faculty performance:**

- **Mid Semester and End Semester** Feedbacks are received from the students in format prescribed by the university. Based on student's feedback, faculty members are asked to improve their skills through faculty development program/ staff development program, if necessary.
- Students will give their feedback on conduction of classes, laboratory, the internal assessment and other academic related matters through Class committee meetings (Three meetings per semester)
- Students will express their views and give feedback through periodical interaction with principal.

## **Grievance Redressal Mechanism for Faculty, Staff and Students:**

- Students are encouraged to express their grievances to the class Advisor/ Counselor/ Head of the Department /Head of the Institution.
- In the regular time table HOD hour (one period) is allotted to express their grievances and requirements.
- Faculty & Staff members are encouraged to express their grievances to the Head of the Department / Head of the Institution.
- Every week departmental review meetings (DRM) are conducted wherein their Grievances are addressed in addition to the regular agenda.
- In addition to the above, a suggestions box is kept in the college to get grievances and suggestions from staff & students

## **Complaints cum Redressal Committee Composition:**

<b>Sl. No.</b>	<b>Name</b>	<b>Category</b>	<b>Profession</b>
1	Dr. Veena P	Female	Professor & Head/EEE
2	Mrs. Agiladevi S	Female	Assistant Professor
3	Dr. Meenakshi Devi P	Female	Professor & Director – Academics
4	Dr. Nandakumar R	Male	Professor & Director- Administration
5	Dr.Kalaavathi.B	Female	Professor & Director – R & D
6	Dr. Muhuntarajan C	Male	Professor & Head/English
7	Dr.Jeyabharath.R	Male	Professor & COE
8	Mr. JC Saravanan AJ	Male	Others- MENTOR

## Grievance Redressal Committee:

S.No.	Name of the Committee Members	Role
1.	Dr.M.Venkatesan, Principal	Chairman
2.	Dr. J.C. Kannan, Director- Students Affairs	Member
3.	Dr. P. Gopinath, Head / MECH	Member
4.	Dr. P. Veena, Head/EEE	Member
5.	Dr.M. Vimaladevi, Head/CSE	Member
6.	Dr.S. Russia, Head/IT	Member
7.	Mr.P. Govindaraju, Head/ECE	Member
8.	Dr. C.Muhuntharajan Head/English	Convener
9.	Mr. M. Asick Ali, Head / Maths	<u>Member</u>
10.	Dr. S. Agiladevi, AP / Chemistry	Member
11.	Mr. V. Vijayaraja, Deputy Warden	Member / Boys Hostel
12.	Ms. E. Meenakshi, Deputy Warden	Member / Girls Hostel

## Anti- Ragging Committee

Sl. No.	Name of the Committee	Name of the faculty	Designation	Department
1.	NODAL OFFICER	Dr. J.C.KANNAN	Director- Student Affairs	PHYSICS
2.	MONITORING COMMITTEE	Dr. B.MURUGESAN	Prof. & Head	CHEMISTRY
		Mr. M.ASICK ALI	Prof. & Head	MATHS
3	ANTI-RAGGING COMMITTEE	Mr. K.VELUSAMY	ASP	MECH
		Dr. C.SANTHAKUMAR	ASP	EEE
		Mr. M.UDHAYAKUMAR	AP	ECE
		Mr. V.PRAKASAM	AP	CSE
		Mr. P.S.PRAKASHKUMAR	AP	IT
		Mr. B.B.SANGAMESWARAN	AP	BME
		Dr. E.MANIKANDAN	AP	PHYSICS
		Dr. N.KUMARAVEL	AP	MATHS
		Mr. P.MOHAN	AP	ENGLISH
		Dr. C.MUGUNTARAJAN	Prof. & Head	ENGLISH
4	ANTI-RAGGING SQUAD	Mr. S.DHARMALINGAM	Physical Director	
		Mr. A.S.RAMAKRISHNAN	Chief Security Officer	
		Mr. S.VISWANATHAN	Security Officers	

## Student Affairs and Welfare Committee

S.No	Name	Category	Designation
1.	Dr. M. Venkatesan	Chairperson	Principal
2.	Dr. J.C. Kannan	Convener	Director student affairs and S&H
3.	Mrs. R. Kavitha	Faculty Coordinator	AP / MATHS
4.	Mr. T. Sanjay	Student Member	II BME
5.	Ms. R. Shanmathi	Student Member	I BME
6.	Mr. K. Jaillesh	Student Member	IV CSE
7.	Mr. S. Rakkesh	Student Member	III CSE
8.	Ms. M. Krishani	Student Member	II CSE
9.	Ms. M. Blessy	Student Member	I CSE
10.	Mr. S. Janarthanan	Student Member	IV ECE
11.	Mr. M. Kirupanithi	Student Member	III ECE
12.	Ms. T. Ranjani	Student Member	II ECE
13.	Mr. P. Sanjay	Student Member	I ECE
14.	Ms. S. Hemalatha	Student Member	IV EEE
15.	Mr. S. P. Karthikeyan	Student Member	III EEE
16.	Mr. K. Yuvaraj	Student Member	II EEE
17.	Mr. P. Hariharan	Student Member	I EEE
18.	Mr. K. Gowtham	Student Member	IV MECH
19.	Mr. P. Kishore	Student Member	III MECH
20.	Mr. S. Dharun	Student Member	II MECH
21.	Mr. S. Rahamathulla	Student Member	I MECH
22.	Mr. K. S. Devesh	Student Member	IV IT
23.	Ms. R. Dharshini	Student Member	III IT
24.	Mr. T. R. Logesh	Student Member	II IT
25.	Ms. R. Maheshwari	Student Member	I IT

## VISHAKA – Internal Complaints Committee

S.No.	Name of the Member	Designation	Department	Representation
1	Dr..S.Agiladevi	Professor	Chemistry	Presiding Officer
2	Dr.J.C.Kannan	Professor & Director- Student Affairs	Physics	Faculty Member
3	Mr.M.S.Vijayaraj	Associate Professor	Maths	Faculty Member
4	Dr. S.Premalatha	Assistant Professor	ECE	Faculty Member
5	Mr.S.Kannan	Programmer	Exam Cell	Faculty Member
6	Mrs.N.Suganya	Lab Assistant	Mechanical	Faculty Member
7	A.Amirtheswari	III Year	CSE	Student Member
8	T.Deepika	III Year	IT	Student Member
9	S.Pavithra	III Year	ECE	Student Member
10	R.Swathi	III Year	EEE	Student Member

## Internal Quality Assurance Cell

S.No.	Name of the Committee Members	Role
1	Mr.R.Srinivasan	Chairman
2	Dr.M.Venkatesan, Principal	Chairperson
3	Dr.P.Veena, Head/EEE	IQAC Coordinator
4	Dr.P.Meenakshi Devi, Director- Academics	Member
5	Dr.B.Kalaavathi, Director-R &D	Member
6	Dr.P.Murugesan, Director- IIIC &SD	Member
7	Dr.R.Nandakumar, Director –Administration	Member
8	Dr.R.Jeyabharath, COE	Member
9	Dr.J.C.Kannan, Director – Student Affairs	Member
10	Dr.S.Russia, Head/IT	Member
11	Dr.P.Gopinath, Head/Mech	Member
12	Dr.M.Vimaladevi, Head/CSE	Member
13	Mr.P.Govindaraju, Head/ECE	Member
14	Dr.R. Prabu, Head/ BME	Member
15	Ms.R.Selvam	Librarian

16	Mr.S.Dharmalingam	Physical Education
17	Dr.P.Krishnamoorthi, Scientist – B, Research, Philips electronics India Ld, Mayata Tech Park, Bangalore.	Industrialist
18	Mr.V.Devasenapathi Manager – 1, Engineering Caterpillar India Engineering Services Pvt. Ltd, Chennai.	Industrialist
19	Dr.R.Sasikala, Associate Professor & Head School of Computer Science and Engineering, VIT University, Vellore	Academician
20	Mr.A.Alexraj Software Engineer, Hexaware Technologies, Chennai	Alumni
21	Mr.J.Ramesh Bhonsle F/O Ms.Sushma Foreman, Vigneshwara Concrete, Bangalore	Parent
22	Mr. G.Samrat, IV Mech	Student
23	Mr. P.Kishore kumar, III Mech	Student
24	Ms. S.Hemalatha, IV EEE	Student
25	Ms. K.Sudhandiradhivya, III EEE	Student
26	Mr. S.Thulasiraman, IV ECE	Student
27	Ms. K.Selvabrindha, III ECE	Student
28	Mr. K.Jaillesh, IV CSE	Student
29	Mr. M.Shaheem.III CSE	Student
30	Mr. K.S.Devesh, IV IT	Student
31	Mr. B.S.Ranjith, III IT	Student
32	Ms. M.Keerthanadevi, II BME	Student



## **6. Programmes :**

- **Programmes Approved by AICTE :**

1. BE -Computer Science and Engineering
2. BE -Electrical and Electronics Engineering
3. BE -Electronics and Communication Engineering
4. BE -Mechanical Engineering
5. B.Tech- Information Technology
6. BE -Biomedical Engineering
7. ME -Software Engineering
8. ME -Embedded Systems Technologies
9. ME -CAD/CAM
10. ME -Big Data Analytics

- **Programmes Accredited by NBA:**

1. BE -Computer Science and Engineering
2. BE -Electrical and Electronics Engineering
3. BE -Electronics and Communication Engineering
4. BE -Mechanical Engineering
5. B.Tech-Information Technology

- **Programmes Not Accredited by NBA:**

1. BE -Biomedical Engineering
2. ME -Software Engineering
3. ME -Embedded Systems Technologies
4. ME -CAD/CAM
5. ME -Big Data Analytics

**Status of Accreditation of the Courses :**

S. No	Name of the Course	Accreditation Status	Accreditation From	Accreditation Till	Accreditation Letter Ref No.& Date
<b>NBA</b>					
1	Computer Science and Engineering	Accredited	20/03/2019	30/06/2022	33-370/2017-NBA,20/03/2019
2	Electrical and Electronics Engineering	Accredited	20/03/2019	30/06/2022	33-370/2017-NBA,20/03/2019
3	Electronics and Communication Engineering	Accredited	20/03/2019	30/06/2022	33-370/2017-NBA,20/03/2019
4	Information Technology	Accredited	20/03/2019	30/06/2022	33-370/2017-NBA,20/03/2019
5	Mechanical Engineering	Accredited	20/03/2019	30/06/2022	33-370/2017-NBA,20/03/2019
<b>NAAC</b>					
1	Computer Science and Engineering	Applied and Waiting for Visit			
2	Electrical and Electronics Engineering	Applied and Waiting for Visit			
3	Electronics and Communication Engineering	Applied and Waiting for Visit			
4	Information Technology	Applied and Waiting for Visit			
5	Mechanical Engineering	Applied and Waiting for Visit			
6	ME- Software Engineering	Applied and Waiting for Visit			
7	ME - Embedded Systems Technologies	Applied and Waiting for Visit			
8	ME - CAD/CAM	Applied and Waiting for Visit			
9	ME- Big Data Analytics	Applied and Waiting for Visit			

**Admission Details With Cutoff Marks :**

Name of the Department	<b>COMPUTER SCIENCE AND ENGINEERING</b>		
Course	<b>BE Computer Science and Engineering</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the council	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	63	62	63
Cutoff Marks/ General Quota	<b>171.50</b>	<b>175.5</b>	<b>189.35</b>

Name of the Department	<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>		
Course	<b>BE Electrical and Electronics Engineering</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	53	51	32
Cutoff Marks/ General Quota	<b>177.45</b>	<b>164</b>	<b>168</b>

Name of the Department	<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>		
Course	<b>BE Electronics and Communication Engineering</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	62	51	45
Cutoff Marks/ General Quota	<b>186.20</b>	<b>162</b>	<b>190</b>

Name of the Department	<b>MECHANICAL ENGINEERING</b>		
Course	<b>BE Mechanical Engineering</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	45	23	35
Cutoff Marks/ General Quota	<b>172.35</b>	<b>177.5</b>	<b>170</b>

Name of the Department	<b>INFORMATION TECHNOLOGY</b>		
Course	<b>B Tech Information Technology</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
Year wise Sanctioned Intake	60	60	60
Year wise Actual Admission	63	60	63
Cutoff Marks/ General Quota	<b>185.53</b>	<b>149</b>	<b>162</b>

Name of the Department	<b>BIOMEDICAL ENGINEERING</b>	
Course	<b>BE Biomedical Engineering</b>	
Level	<b>Under Graduate</b>	
1 <sup>st</sup> Year of approval by the council	<b>Academic Year</b>	
	<b>2021– 22</b>	<b>2020–21</b>
Year wise Sanctioned Intake	60	60
Year wise Actual Admission	63	43
Cutoff Marks/ General Quota	<b>183.28</b>	<b>179</b>

#### **PLACEMENT :**

Name of the Department	<b>COMPUTER SCIENCE &amp; ENGINEERING</b>		
Course	<b>BE Computer Science and Engineering</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2020-2021</b>	<b>2019-2020</b>	<b>2018-2019</b>
No. of Students Placed	28	28	24
Minimum Salary / Annum	120000	108000	114000
Maximum Salary / Annum	550020	420000	252000
Average Pay package, Rs./year	<b>318930</b>	<b>243104</b>	<b>164905</b>

Name of the Department	<b>ELECTRICAL &amp; ELECTRONICS ENGINEERING</b>		
Course	<b>BE Electrical and Electronics Engineering</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2020-2021</b>	<b>2019-2020</b>	<b>2018-2019</b>
No. of Students Placed	24	30	38
Minimum Salary / Annum	96000	120000.00	108000.00
Maximum Salary / Annum	500000	365000.00	425004.00
Average Pay package, Rs./year	<b>245986.59</b>	<b>169872.14</b>	<b>166479.02</b>

Name of the Department	<b>MECHANICAL ENGINEERING</b>		
Course	<b>BE Mechanical Engineering</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2020-2021</b>	<b>2019-2020</b>	<b>2018-2019</b>
No. of Students Placed	45	45	76
Minimum Salary / Annum	150000.00	132000.00	96000.00
Maximum Salary / Annum	400000.00	365000.00	412000.00
Average Pay package, Rs./year	<b>188158.66</b>	<b>165264.00</b>	<b>158673.46</b>

Name of the Department	<b>INFORMATION TECHNOLOGY</b>		
Course	<b>B TECH Information Technology</b>		
Level	<b>Under Graduate</b>		
1 <sup>st</sup> Year of approval by the Council	<b>Academic Year</b>		
	<b>2020-2021</b>	<b>2019-2020</b>	<b>2018-2019</b>
No. of Students Placed	30	21	20
Minimum Salary / Annum	78000.00	200000.00	120000.00
Maximum Salary / Annum	500000.00	477000.00	383755.00
Average Pay package, Rs./year	<b>261075.84</b>	<b>306600.00</b>	<b>242738.00</b>

**RESULT STATEMENT OF LAST 3 YEARS:**

<b>Academic Year</b>	<b>Department</b>	<b>First Class (%)</b>	<b>Overall Pass %</b>
2018-2019	CSE	39.5	39.5
	EEE	42.5	51.7
	ECE	43.0	45.6
	MECH	47.4	55.6
	IT	47.1	55.9
2019-2020	CSE	79.16	100
	EEE	79.59	97.95
	ECE	90.12	98.76
	MECH	74.5	96.22
	IT	72.5	92.5
2020-2021	CSE	96.08	100
	EEE	97.82 %	100
	ECE	94.87	96.15
	MECH	93.33	93.33
	IT	95.91	97.95

**7. Faculty Profile : *Enclosed*****Number of Faculty employed and left during the last three years:**

	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
Number of Faculty Appointed	<b>23</b>	<b>13</b>	<b>12</b>
Number of Faculty Relieved	<b>10</b>	<b>3</b>	<b>7</b>

8. **Profile of the Principal** : *Enclosed*

9. **Fee Details** :

**Details of fee, as approved by State Fee Committee for the Institution:**

Course	GQ	MQ
UG Engineering Programmes (Non Accredited)	Rs.50,000/-p.a	Rs.85,000/-p.a
UG Engineering Programmes(Accredited)	Rs.55,000/-p.a	Rs.87,000/-p.a
PG Engineering Programmes(Non Accredited)	Rs.50,000/-p.a	Rs.60,000/-p.a
PG Engineering Programmes(Accredited)	Rs.50,000/-p.a	Rs.60,000/-p.a

o **Estimated cost of Boarding and Lodging In Hostels** :

- For Men's hostel - Rs. 64,000/-p.a.
- For Ladies Hostel - Rs. 62,000/-p.a.

**No. of fee waivers granted with amount and name of students** :-

S.No.	Cut off	Percentage of Fees concession
1	Above 170	100 Percentage
2	165 to 179	75 Percentage
3	160 to 164	50 Percentage
4	155 to 159	25 Percentage

**Academic Year: 2020 – 2021**

S.No	Name of the Student	Cutoff	Branch	Fees / Year	Scholarship / Year	Total Scholarship (4 Years)
1.	BHARATHKUMAR M	143.50	BME	67,000.00	10,050.00	40,200.00
2.	GOBINESHWARI I	136.50	BME	67,000.00	4,020.00	16,080.00
3.	HARSHINI S	153.50	BME	67,000.00	20,100.00	80,400.00
4.	JEEVA G	148.50	BME	67,000.00	10,050.00	40,200.00
5.	KEERTHANNADEVI M	143.50	BME	67,000.00	10,050.00	40,200.00
6.	MEIAZHAGAN M	149.50	BME	67,000.00	10,050.00	40,200.00
7.	MOHANRAJ A	134.00	BME	67,000.00	4,020.00	16,080.00
8.	PRAVEEN E	138.50	BME	67,000.00	4,020.00	16,080.00

9.	SUDHES V	133.00	BME	67,000.00	4,020.00	16,080.00
10.	ARUL MURUGAN V	163.00	CSE	67,000.00	20,100.00	80,400.00
11.	BRINDHA L	141.00	CSE	67,000.00	10,050.00	40,200.00
12.	DURGADEVI K S	143.50	CSE	67,000.00	10,050.00	40,200.00
13.	HARISH KUMAR J	148.50	CSE	67,000.00	10,050.00	40,200.00
14.	JAISHINI A	162.50	CSE	67,000.00	35,150.00	140,600.00
15.	KAVISHINI S	159.50	CSE	67,000.00	20,100.00	80,400.00
16.	KRISHANI M	139.00	CSE	67,000.00	4,020.00	16,080.00
17.	PRAGANAN A	144.00	CSE	67,000.00	10,050.00	40,200.00
18.	SOWMIYA G	141.00	CSE	67,000.00	10,050.00	40,200.00
19.	SWETHA M	150.00	CSE	67,000.00	20,100.00	80,400.00
20.	HEMANATHAN N	154.00	ECE	60,000.00	18,000.00	72,000.00
21.	KARTHI B	104.00	ECE	60,000.00	5,000.00	20,000.00
22.	KAVIN B	119.50	ECE	60,000.00	5,000.00	20,000.00
23.	KOWSALYA S	147.50	ECE	60,000.00	9,000.00	36,000.00
24.	NARENDHIRAN R	137.50	ECE	60,000.00	3,600.00	14,400.00
25.	PERUMAL S	143.50	ECE	60,000.00	9,000.00	36,000.00
26.	POOVARASAN S	132.00	ECE	60,000.00	3,600.00	14,400.00
27.	RANJANI T	150.50	ECE	60,000.00	18,000.00	72,000.00
28.	SANJAY P S	151.50	ECE	60,000.00	18,000.00	72,000.00
29.	VIKRAMAN D	162.00	ECE	60,000.00	27,000.00	108,000.00
30.	YAMINI H J	156.50	ECE	60,000.00	18,000.00	72,000.00
31.	ENIYAVAN M	135.00	EEE	50,000.00	7,500.00	30,000.00
32.	GUNASEKARAN S	152.50	EEE	50,000.00	22,500.00	90,000.00
33.	KIRUTHIKA S	125.00	EEE	50,000.00	3,000.00	12,000.00
34.	NANDHINI K	124.50	EEE	50,000.00	3,000.00	12,000.00
35.	SARANYA M	149.00	EEE	50,000.00	15,000.00	60,000.00
36.	SARANYA P	145.50	EEE	50,000.00	15,000.00	60,000.00
37.	ARUNADEVI S	130.00	IT	60,000.00	3,600.00	14,400.00
38.	DHANUSH S	103.50	IT	60,000.00	9,000.00	36,000.00
39.	DHARSHANADEV I R	132.00	IT	60,000.00	3,600.00	14,400.00
40.	GOWTHAM S	160.50	IT	60,000.00	27,000.00	108,000.00
41.	HARI KARTHIK P G	143.50	IT	60,000.00	9,000.00	36,000.00
42.	JAI GANESH N V	131.50	IT	60,000.00	3,600.00	14,400.00
43.	MADHAVAN K	133.00	IT	60,000.00	3,600.00	14,400.00
44.	NASIR AKHTAR JAMALI N	130.50	IT	60,000.00	3,600.00	14,400.00
45.	PRIYADHARSHINI M	132.00	IT	60,000.00	3,600.00	14,400.00
46.	RAVICHANDRU T	153.50	IT	60,000.00	18,000.00	72,000.00
47.	SURUTHI P	130.00	IT	60,000.00	3,600.00	14,400.00



48.	BHARATH V	151.50	MECH	50,000.00	22,500.00	90,000.00
49.	DHARUN S	128.50	MECH	50,000.00	3,000.00	12,000.00
50.	KIRUBAKARAN R	121.00	MECH	50,000.00	3,000.00	12,000.00
51.	NAVEEN G	130.00	MECH	50,000.00	7,500.00	30,000.00
<b>TOTAL</b>				3,093,000.00	550,500.00	2,202,000.00

### **FREE SEAT**

S.No	Name of the Student	Cutoff	Branch	Fees / Year	Scholarship / Year	Total Scholarship (4 Years)
1.	MAHESWARI S	169.50	BME	67,000.00	67,000.00	268,000.00
2.	SANJAY T	179.00	BME	67,000.00	67,000.00	268,000.00
3.	INDHUMATHI M	166.00	CSE	67,000.00	67,000.00	268,000.00
4.	MALARVIZHI K	175.50	CSE	67,000.00	67,000.00	268,000.00
5.	THILOTHAMA D	167.50	CSE	67,000.00	67,000.00	268,000.00
6.	KARTHICK E	160.00	EEE	50,000.00	50,000.00	200,000.00
7.	MAYURI M	164.00	EEE	50,000.00	50,000.00	200,000.00
8.	DINESHKUMAR N	172.00	IT	60,000.00	60,000.00	240,000.00
9.	SANJEEV KUMAR M	177.50	MECH	50,000.00	50,000.00	200,000.00
<b>TOTAL</b>				<b>545,000.00</b>	<b>545,000.00</b>	<b>2,180,000.00</b>

### **Academic Year: 2019 – 2020**

S.No	Name of the Student	Cut off	Year of study	Branch	Fees / Year	Scholarship / Year
1	DEVADHARSHINI S S	141.5	IV	CSE	77,000	5,000
2	HARINI R	153.25	IV	CSE	77,000	5,000
3	ILAKIYA S	140.25	IV	CSE	77,000	5,000
4	MEGASURIYAN E	143	IV	CSE	77,000	5,000
5	PAVITHIRAN S	156	IV	CSE	77,000	5,000
6	VISVESWARAN B	145.25	IV	CSE	77,000	5,000
7	YUVAPRIYANKA V	144.25	IV	CSE	77,000	5,000
8	ANISHA N	168.75	IV	CSE	77,000	10,000
9	DEVI GAYATHRI S	172.75	IV	CSE	77,000	10,000
10	RAJA RAJAN A	165.25	IV	CSE	77,000	10,000
11	SOUNDHARYA A	161	IV	CSE	77,000	10,000
12	SWETHA C	177.5	IV	CSE	77,000	10,000
13	DURAIRAJ S	140.75	IV	ECE	77,000	5,000
14	ILAKIYA S	151.25	IV	ECE	77,000	5,000
15	ISWARYA P	144.5	IV	ECE	77,000	5,000
16	KANIMOZHI R	153.25	IV	ECE	77,000	5,000
17	NANDHAKUMAR M	142.75	IV	ECE	77,000	5,000
18	NAVEEN K	148.75	IV	ECE	77,000	5,000
19	INDIRAKUMAR M	178	IV	ECE	77,000	10,000

20	SELLAKRISHNARAJA S	178.5	IV	ECE	77,000	10,000
21	THANGAVEL P	176	IV	ECE	77,000	10,000
22	BHARATHI KANNAN M R	153.25	IV	EEE	77,000	5,000
23	SHANKAR NARAYAN M	144.25	IV	EEE	77,000	5,000
24	KAMALI SOUNDARYA B	181.75	IV	EEE	77,000	10,000
25	MANOJ KUMAR V	160	IV	EEE	77,000	10,000
26	PREMKUMAR G	179.25	IV	EEE	77,000	10,000
27	ASWINKUMAR S	158	IV	MECH	77,000	5,000
28	DHEVENDRAN E	154	IV	MECH	77,000	5,000
29	JEEVA M	146	IV	MECH	77,000	5,000
30	JOSHUA Y (scc)	149	IV	MECH	77,000	5,000
31	KAVIN P	145.75	IV	MECH	77,000	5,000
32	MADHANKUMAR L	153.25	IV	MECH	77,000	5,000
33	MOHANRAJ B	144.25	IV	MECH	77,000	5,000
34	PRABHAKARAN M	151.75	IV	MECH	77,000	5,000
35	SANJAY KUMAR S K	156.25	IV	MECH	77,000	5,000
36	SATHISH G	151	IV	MECH	77,000	5,000
37	GOKULRAJ P	167.5	IV	MECH	77,000	10,000
38	GUNASEKARAN R	170	IV	MECH	77,000	10,000
39	INBARASAN C	166.25	IV	MECH	77,000	10,000
40	RANJITHKUMAR R	159.5	IV	MECH	77,000	10,000
41	SAKTHI GNANASUNDARAM R H	163.25	IV	MECH	77,000	10,000
42	VINOTHMANI M	171.5	IV	MECH	77,000	10,000
43	HAKKEM M	140.25	IV	IT	77,000	10,000
44	KAUSALYA J	144.75	IV	IT	77,000	10,000
45	MANI BHARATHI G	159.5	IV	IT	77,000	10,000
46	MOUNIKA S	147	IV	IT	77,000	10,000
47	YUVAPRIYA R	153.5	IV	IT	77,000	10,000
48	SWETHA S	174.5	IV	IT	77,000	20,000
49	ARUN KUMAR N	150.25	III	CSE	74,000	5,000
50	BABU R	159.25	III	CSE	74,000	5,000
51	DINESHKUMAR K (13.11.1999)	142	III	CSE	74,000	5,000
52	POOVARASAN S	141.75	III	CSE	74,000	5,000
53	SHARMILA A	154.5	III	CSE	74,000	5,000
54	YUVASHREE R	159.25	III	CSE	74,000	5,000
55	KRISHNAMOORTHY S	178.75	III	ECE	74,000	17,500
56	JANARTH S	148.5	III	ECE	74,000	5,000
57	KEERTHIVASAN N	157.5	III	ECE	74,000	5,000
58	KISHOR M	141	III	ECE	74,000	5,000
59	KISHORE D	167.5	III	ECE	74,000	5,000
60	MADHANGOPAL C	148	III	ECE	74,000	5,000

61	SWETHA G P	163.25	III	ECE	74,000	5,000
62	YUVANSANKAR K	144	III	ECE	74,000	5,000
63	HEMAHARINI S	176	III	ECE	74,000	17,500
64	HEMALATHA S	172	III	ECE	74,000	17,500
65	PARKAVI S	174.25	III	ECE	74,000	17,500
66	PAVITHRA T	169	III	ECE	74,000	17,500
67	SHARMILAPRIYA S	167	III	EEE	74,000	5,000
68	JEEVANANDAM T	156.75	III	EEE	74,000	5,000
69	SASIKUMAR C	152	III	EEE	74,000	5,000
70	PERARIVU EZHIL ARASAN T	150	III	EEE	74,000	5,000
71	SANTHOSHKUMAR K	146	III	EEE	74,000	5,000
72	PRAVEEN KUMAR M	145.25	III	EEE	74,000	5,000
73	LOGESWARAN C	144.5	III	EEE	74,000	5,000
74	MOHAN T	178.25	III	EEE	74,000	17,500
75	PARAMASIVAM R	178.25	III	EEE	74,000	17,500
76	ARUL M	172.5	III	EEE	74,000	17,500
77	THAMIZHSELVAN R	170.75	III	EEE	74,000	17,500
78	HARI S R	169.5	III	EEE	74,000	17,500
79	ARUN PRABAKARAN J	148	III	MECH	74,000	5,000
80	ARUNESH J	157.75	III	MECH	74,000	5,000
81	BOOPATHI S	140	III	MECH	74,000	5,000
82	DINESHKUMAR R	148.5	III	MECH	74,000	5,000
83	GOKULNATH K	149.75	III	MECH	74,000	5,000
84	GOKULPRASANTH M	149.75	III	MECH	74,000	5,000
85	HARIHARAN G	152.25	III	MECH	74,000	5,000
86	INDIRAJITH M	147.75	III	MECH	74,000	5,000
87	KATHIRVEL M	152.5	III	MECH	74,000	5,000
88	KIRUBAKARAN K	149.5	III	MECH	74,000	5,000
89	LOGESH M	162.5	III	MECH	74,000	5,000
90	MOHANARAJ C	153.5	III	MECH	74,000	5,000
91	PRASATH R	148	III	MECH	74,000	5,000
92	PRATHIYUMANAN M	150.75	III	MECH	74,000	5,000
93	PRAVEEN H	164	III	MECH	74,000	5,000
94	RAMKUMAR B	159.75	III	MECH	74,000	5,000
95	SARATH KUMAR M	140.5	III	MECH	74,000	5,000
96	SARAVANAA M	152	III	MECH	74,000	5,000
97	SARAVANAN R	142.12	III	MECH	74,000	5,000
98	SURENDHAR P	148	III	MECH	74,000	5,000
99	SURESHMOORTHY P	140	III	MECH	74,000	5,000
100	VIGNESHWARAN S	168.75	III	MECH	74,000	5,000
101	VINITH D	160.25	III	MECH	74,000	5,000

102	VINOTH KUMAR T	145.5	III	MECH	74,000	5,000
103	KARTHIK A S	172	III	MECH	74,000	17,500
104	YASWANTHKARTHIK S	170	III	MECH	74,000	17,500
105	ARUL MOZHI M	168.75	III	IT	74,000	20,000
106	KALIDASS R	158	III	IT	74,000	20,000
107	KERTHIVARMA K S	156.5	III	IT	74,000	20,000
108	NATHIYA V	145.75	III	IT	74,000	20,000
109	SANDHIYA G	168.25	III	IT	74,000	20,000
110	SELVAMALAR P	143.05	III	IT	74,000	20,000
111	SREEMATHI INDRA S	153	III	IT	74,000	20,000
112	THUSMEENA K R	156.75	III	IT	74,000	20,000
113	VENKATESHWARAN S	157.5	III	IT	74,000	20,000
114	GOKULAKRISHNAN B	174.5	II	CSE	75,000	29,500
115	KIRUTHIKA S	173	II	CSE	75,000	29,500
116	KAVIYA S	177.75	II	CSE	75,000	26,250
117	GOWSIKAN R	170.5	II	CSE	75,000	26,250
118	POOVENDIRAN G	157	II	CSE	75,000	5,000
119	JOTHIVEL D	159	II	CSE	75,000	5,000
120	SRIJA.M	155.75	II	CSE	75,000	5,000
121	SOUNDARYA G G	149	II	CSE	75,000	5,000
122	YOGECH K	145.25	II	CSE	75,000	5,000
123	JAILLESH K	140.25	II	CSE	75,000	5,000
124	SUSHMA R	156.25	II	CSE	75,000	25,000
125	PRANESHKUMAR B	128	II	CSE	75,000	25,000
126	SHALINI S	178	II	ECE	75,000	29,500
127	THULASI RAMAN S	174.75	II	ECE	75,000	29,500
128	RANJITH G	171	II	ECE	75,000	29,500
129	PRASANTH S	171	II	ECE	75,000	29,500
130	AAKASH J	160.75	II	ECE	75,000	5,000
131	SATHYA R	158	II	ECE	75,000	5,000
132	MYTHREYAN J	174.25	II	EEE	75,000	29,500
133	MONISA B	171.75	II	EEE	75,000	29,500
134	HEMALATHA S	169.25	II	EEE	75,000	29,500
135	SANKAR S	143.25	II	EEE	75,000	5,000
136	DHARANEESHWARAN N	176	II	MECH	75,000	29,500
137	ARIHARAN M	171.75	II	MECH	75,000	29,500
138	GOPINATH S	156.5	II	MECH	75,000	5,000
139	ARUN PRAKASH K.A	155	II	MECH	75,000	5,000
140	SRIDHAR P	141.25	II	MECH	75,000	5,000

141	DHANASEKAR D	161.25	II	MECH	75,000	5,000
142	DHURAIRAJ K	151.75	II	MECH	75,000	5,000
143	RAMYABHARATHI M	160.25	II	IT	75,000	20,000
144	SRIMATHI E	152.25	II	IT	75,000	20,000
145	MANOJ M	152.25	II	IT	75,000	20,000
146	MOHANAPRASATH V	152.25	II	IT	75,000	20,000
147	PRIYADHARSINI M	147.25	II	IT	75,000	20,000
148	VIGNESH R	144.25	II	IT	75,000	20,000
149	ADHITHIYABALA N	126.25	II	IT	75,000	25,000
150	ABINANTHAN R	90.5	I	CSE	60,000	25,000
151	AMIRTHESWARI A	157.5	I	CSE	60,000	22,500
152	ARUN PRAKASH C	101	I	CSE	60,000	25,000
153	DEEPAN G	100	I	CSE	60,000	25,000
154	DHEVAK A	158	I	CSE	60,000	16,500
155	GAYATHRI K	98.5	I	CSE	60,000	25,000
156	GOBI B	154.5	I	CSE	60,000	11,250
157	HEMAMALINI G	92	I	CSE	60,000	25,000
158	JEEVANANTHAM S	99.5	I	CSE	60,000	25,000
159	MANOJ J	92.5	I	CSE	60,000	25,000
160	NANDHINI R	107	I	CSE	60,000	25,000
161	NISHANTH R	105.5	I	CSE	60,000	25,000
162	PRASANTH S (SOUNDAPPAN)	99	I	CSE	60,000	25,000
163	PREMKUMARAN P	99.5	I	CSE	60,000	25,000
164	SANTHOSH M	84	I	CSE	60,000	25,000
165	SATHIYAPRABAVATHI S	154.5	I	CSE	60,000	11,250
166	SHAHEEN M	149.5	I	CSE	60,000	25,000
167	DHINESHKUMAR S	89	I	ECE	60,000	25,000
168	KARTHICKRAJ N	85	I	ECE	60,000	25,000
169	KIRUPANITHI M	94	I	ECE	60,000	25,000
170	MANIKANDAN P(ANITHA)	98	I	ECE	60,000	25,000
171	MANIKANDAN S	169.5	I	ECE	60,000	33,750
172	NARMATHA SUBHASRI	109	I	ECE	60,000	25,000
173	NAVEENKUMAR M	103.5	I	ECE	60,000	25,000
174	PAVITHRA S [SARAVANAN]	156.5	I	ECE	60,000	11,250
175	POOVARASHAN S	87	I	ECE	60,000	25,000
176	SANJAY B	102.5	I	ECE	60,000	25,000
177	SUNMATHI R	112.5	I	ECE	60,000	25,000

178	UMABHARATHI C	164.5	I	ECE	60,000	33,750
179	VINITH K A	106	I	ECE	60,000	25,000
180	BHARANIDHARAN C	127	I	EEE	60,000	25,000
181	DURGA S	161.5	I	EEE	60,000	22,500
182	KARTHIKEYAN S P	155.5	I	EEE	60,000	11,250
183	MUTHUKUMAR V	87.5	I	EEE	60,000	25,000
184	RAJACHANDRAN B	120.33	I	EEE	60,000	25,000
185	VAANMATHI S	160	I	EEE	60,000	22,500
186	ANAND K	103	I	IT	60,000	25,000
187	BARATHKUMAR S	81	I	IT	60,000	25,000
188	DEEPIKA T	162	I	IT	60,000	22,500
189	DIVYASHRUTHI S	156	I	IT	60,000	11,250
190	KABISH S	89	I	IT	60,000	25,000
191	MANOJKUMAR E	161.5	I	IT	60,000	22,500
192	NAVEEN N	80	I	IT	60,000	25,000
193	PRATHAB J	88.5	I	IT	60,000	25,000
194	SANDHIYA M	101	I	IT	60,000	25,000
195	SANTHOSHKUMAR B (VASANTHI)	101.5	I	IT	60,000	25,000
196	SRILOGESH K S	84.5	I	IT	60,000	25,000
197	SUDHARSON D	81	I	IT	60,000	25,000
198	SURYA S K	154	I	IT	60,000	11,250
199	EZHILVENDEN S	120.67	I	MECH	60,000	25,000
200	JAICHANDRAN M	130.33	I	MECH	60,000	25,000
<b>Total</b>					<b>142,66,000</b>	<b>28,06,000</b>

**Academic Year: 2019 – 2020**

**FREE SEAT**

S.No	Name of the Student	Cut off	Year of study	Branch	Fees / Year	Scholarship / Year
1	R.S.VASUMITHA	186.25	IV	CSE	77,000	77,000
2	S.STELIN BERCIA	184.25	IV	CSE	77,000	77,000
3	S.NIVETHA	193	IV	ECE	77,000	77,000
4	R.BALAJI	189.5	IV	ECE	77,000	77,000
5	G.SRIMATHI	187	IV	ECE	77,000	77,000
6	M.JAYASRI	187	IV	ECE	77,000	77,000
7	M.MARIMUTHU	186.5	IV	ECE	77,000	77,000
8	T.ROSHINI	186.5	IV	ECE	77,000	77,000

9	S.TAMILARASI	186.5	IV	ECE	77,000	77,000
10	S.S.PRIYANKA	185.75	IV	ECE	77,000	77,000
11	T.DIVYA	181.25	IV	ECE	77,000	77,000
12	P.SARANYA	193.75	IV	EEE	77,000	77,000
13	T.SUVETHA	188.25	IV	EEE	77,000	77,000
14	E.PREETHA	183.75	IV	EEE	77,000	77,000
15	R.NITHYASRI	183.5	IV	EEE	77,000	77,000
16	N.MYTHILI	182.75	IV	EEE	77,000	77,000
17	K.SARASWATHY	182.25	IV	IT	77,000	77,000
18	M.JANANAI	182	IV	IT	77,000	77,000
19	D.GOWRI	181.75	IV	IT	77,000	77,000
20	T.JANANI	179	IV	IT	77,000	77,000
21	K.ANNAMALAI	187.5	IV	MECH	77,000	77,000
22	K.JESTINRAJ	184	IV	MECH	77,000	77,000
23	POOJA SHREE K	191.75	III	CSE	74,000	74,000
24	KOTEESHWARAN P N	185.5	III	CSE	74,000	74,000
25	SANTHOSHKUMAR A	183	III	CSE	74,000	74,000
26	VIGNESH S	177.5	III	CSE	74,000	74,000
27	DINESHKUMAR K	175.5	III	CSE	74,000	74,000
28	SINDHUJA K	193.25	III	ECE	74,000	74,000
29	KEERTHANA S	191.75	III	ECE	74,000	74,000
30	SURYAPRIYA K	191.25	III	ECE	74,000	74,000
31	SRINIVASAN A	188	III	ECE	74,000	74,000
32	HARIKRISHNAN M	189.75	III	ECE	74,000	74,000
33	MANJULA T	185	III	ECE	74,000	74,000
34	SREEMATHI G	184.5	III	ECE	74,000	74,000
35	SANTHIYA Y	180.75	III	ECE	74,000	74,000
36	KAMALINI N	176.5	III	ECE	74,000	74,000
37	KAVIN MUTHUKUMAR S	184.5	III	EEE	74,000	74,000
38	SURESH P	183.25	III	EEE	74,000	74,000
39	SUJITH S	181	III	EEE	74,000	74,000
40	KAVINKUMAR M (MANI)	179.5	III	EEE	74,000	74,000
41	RAMYA A	179.5	III	EEE	74,000	74,000
42	GOBIKA M	191.75	III	IT	74,000	74,000
43	SANTHOSHKUMAR R	177	III	IT	74,000	74,000
44	LAKSHMANAN R	175.75	III	IT	74,000	74,000

	(UTHUKULI)					
45	MOUNISH G	175	III	IT	74,000	74,000
46	SABARINATHAN S	185	III	MECH	74,000	74,000
47	GOKULRAJ B (BALAKRISHNAN)	183.25	III	MECH	74,000	74,000
48	SRIDHAR C (CHANDHIRAN)	182.25	III	MECH	74,000	74,000
49	PREMRAJ S	182.25	III	MECH	74,000	74,000
50	JAGATHESHWARAN N	181.75	III	MECH	74,000	74,000
51	KAVINKUMAR C	181	III	MECH	74,000	74,000
52	SUSHMITHA A	179.5	III	ECE	74,000	54,000
53	RESHMA R	180	II	CSE	75,000	60,000
54	AARTHI M	188.25	II	CSE	75,000	50,000
55	SURENDHIRAN S	184.5	II	CSE	75,000	75,000
56	GOWSALYA G	183.75	II	CSE	75,000	60,000
57	NITHYA M	189	II	ECE	75,000	75,000
58	YASODHA S	185.25	II	ECE	75,000	75,000
59	VAISHNAVI K	184	II	ECE	75,000	75,000
60	THANGARAJ K	183	II	ECE	75,000	75,000
61	PAVITHRA M	182	II	ECE	75,000	75,000
62	NANDHAKUMAR J	180.5	II	EEE	75,000	75,000
63	SAMRAT G	195.5	II	MECH	75,000	75,000
64	VIGNESH G	190	II	MECH	75,000	75,000
65	MANIKANDAN P	180.5	II	MECH	75,000	50,000
66	RAJASEKAR S	180	II	MECH	75,000	75,000
67	PRIYADHARSHINI B	185.25	II	IT	75,000	75,000
68	KISHORE M	183.25	II	IT	75,000	75,000
69	KAVYADEVI V	181.5	II	IT	75,000	75,000
70	YOGESH M	171.5	I	CSE	60,000	60,000
71	ANANTHI S	190	I	ECE	60,000	60,000
72	ANSHIO RENIN M S	169.5	I	ECE	60,000	60,000
73	HARIHARAN G	172	I	ECE	60,000	60,000
74	NITHIYASRI B	175	I	ECE	60,000	60,000
75	ANUNITHA J	170.5	I	EEE	60,000	60,000
76	SWATHI R	168	I	EEE	60,000	60,000
77	JAMES SALOMAN J	176	I	IT	60,000	60,000
78	MUKESHKUMAR C S	170	I	MECH	60,000	60,000
<b>Total</b>					<b>57,29,000</b>	<b>57,29,000</b>



**SCHOLARSHIP OFFERED BY THE INSTITUTION AND AMOUNT  
SPORTS SCHOLARSHIP(2020-21)**

Sl. No	Name of the student	Degree	Branch	Year of study	Academic year	% of fees concession	Actual fees
1	KARTHIKEYAN.S	B.E.	CSE	IV	2020-2021	50	74000
2	VIKRAM.S	B.E.	MECH	III	2020-2021	25	75000
3	SURIYAPRAKASH.S	B.TECH	IT	II	2020-2021	25	60000
4	BHARATH	B.E.	CSE	II	2020-2021	50	60000
5	HARISHKUMAR.H.V	B.E.	MECH	II	2020-2021	50	60000
6	HARISH.P	B.E.	MECH	II	2020-2021	50	60000
7	KISHORE.P	B.E.	MECH	II	2020-2021	50	60000
8	DHEYANESHWARAN.S	B.TECH	IT	II	2020-2021	50	60000
9	GUNASEKARAN.M	B.E.	ECE	I	2020-2021	50	60000
10	AKASH.R	B.E.	MECH	I	2020-2021	50	60000
11	JAGAN	B.TECH	IT	I	2020-2021	50	60000
12	NITIN	B.E.	CSE	I	2020-2021	50	60000
13	PRADHAP.P	B.E.	MECH	I	2020-2021	50	60000
14	SAKTHIVEL.P	B.E.	MECH	IV	2020-2021	25	74000
15	RAJESHKANNAN.M	M.E.	CAD/CAM	II	2020-2021	50	60000

## ASPIRE'S STAR BRIGHT SCHOLARSHIP STUDENT DETAILS(2020-21)

S.No	Name of the student	Degree	Branch	Year of study	Scholarship amount Received in Rs.
1	PRASANTH S	BE	ECE	III	27500
2	THANGARAJ K	BE	ECE	III	27500
3	AARTHI M	BE	CSE	III	27500
4	YASODHA S	BE	ECE	III	27500
5	AMIRTHESWARI A	BE	CSE	II	27500
6	UMABHARATHI C	BE	ECE	II	27500
7	ANATHI S	BE	ECE	II	27500
8	HARIHARAN G	BE	ECE	II	27500
9	KAVISHRI	BE	CSE	I	27500
10	MALARVIZHI	BE	CSE	I	27500

**Academic Year: 2019 – 2020**

### SPORTS SCHOLARSHIP

S.No	Name of the student	Degree	Branch	Year of study	% of fees concession	Actual fees
1	KARTHIKEYAN.S	B.E.	CSE	III	50	74000
2	MOHAMED ABHAS.M	B.E.	MECH	III	25	74000
3	SANJAIKUMAR.S.K	B.E.	MECH	IV	75	69000
4	VIKRAM.S	B.E.	MECH	II	25	75000
5	SURIYAPRAKASH.S	B.TECH	IT	I	25	60000
6	BHARATH	B.E.	CSE	I	50	60000
7	HARISHKUMAR.H.V	B.E.	MECH	I	50	60000
8	HARISH.P	B.E.	MECH	I	50	60000
9	KISHORE.P	B.E.	MECH	I	50	60000
10	DHEYANESHWARAN.S	B.TECH	IT	I	50	60000
11	SAKTHIVEL.P	B.E.	MECH	III	25	74000
12	RAJESHKANNAN.M	M.E.	CAD/CAM	I	50	60000
<b>Total</b>						<b>786000</b>

## ASPIRE'S STAR BRIGHT SCHOLARSHIP STUDENT DETAILS(2019-20)

S.No	Name of the student	Degree	Branch	Year of study	Scholarship amount Received in Rs.
1	PRASANTH S	BE	ECE	II	27500
2	THANGARAJ K	BE	ECE	II	27500
3	AARTHI M	BE	CSE	II	27500
4	YASODHA S	BE	ECE	II	27500
5	AMIRTHESWARI A	BE	CSE	I	27500
6	UMABHARATHI C	BE	ECE	I	27500
7	ANATHI S	BE	ECE	I	27500
8	HARIHARAN G	BE	ECE	I	27500
<b>Total</b>					220000

### 10 . Admission :

- Number of seats sanctioned with the year of approval: 2021- 2022

Sl. No	PROGRAMME	APPROVED INTAKE (2021- 22)	Year of Starting
<b>UG PROGRAMMES</b>			
1	BE- COMPUTER SCIENCE AND ENGINEERING	60	2011
2	BE-ELECTRICAL AND ELECTRONICS ENGINEERING	60	2011
3	BE-ELECTRONICS AND COMMUNICATION ENGINEERING	60	2011
4	BTECH-INFORMATION TECHNOLOGY	60	2011
5	BE-MECHANICAL ENGINEERING	60	2011
6	BE-BIOMEDICAL ENGINEERING	60	2020

<b>PG PROGRAMMES</b>			
1	ME-EMBEDDED SYSTEM TECHNOLOGIES	6	2012
2	ME-SOFTWARE ENGINEERING	6	2013
3	ME-CAD/CAM	6	2013
4	ME-BIG DATA ANALYTICS	6	2020

- **Number of Students admitted under various categories each year in the last three years**

Name of the Department	<b>COMPUTER SCIENCE &amp; ENGINEERING</b>		
Course	<b>BE Computer Science and Engineering</b>		
Number of Students Admitted in Various Categories	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
OC	01	06	00
BC	35	29	31
BCM	02	02	02
MBC	15	17	24
SC	9	8	7
ST	01	00	00

Name of the Department	<b>COMPUTER SCIENCE &amp; ENGINEERING</b>		
Course	<b>ME Big Data Analytics</b>		
Number of Students Admitted In Various Categories	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
OC	00	00	00
BC	03	01	10
BCM	0	0	0
MBC	0	0	02
SC	02	0	02
ST	0	0	0

Name of the Department	<b>INFORMATION TECHNOLOGY</b>		
Course	<b>B TECH Information Technology</b>		
Number of Students Admitted In Various Categories	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
OC	01	01	0
BC	29	30	32
BCM	07	04	03
MBC	03	03	00
SC	10	06	07
ST	0	0	1

Name of the Department	<b>INFORMATION TECHNOLOGY</b>	
Course	<b>ME Software Engineering</b>	
Number of Students Admitted in Various Categories	<b>2021– 22</b>	<b>2020–21</b>
OC	-	-
BC	1	-
BCM	-	-
MBC/DNC	-	-
SC	-	-
ST	-	-

Name of the Department	<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>		
Course	<b>BE Electrical and Electronics Engineering</b>		
Number of Students Admitted in Various Categories	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
OC	00	01	00
BC	30	10	08
BCM	01	0	0
MBC	15	06	11
SC	06	04	11
ST	0	0	0

Name of the Department	<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>	
Course	<b>ME Embedded Systems Technologies</b>	
Number of Students Admitted in Various Categories	<b>2021– 22</b>	<b>2020–21</b>
OC	0	0
BC	0	01
BCM	0	0
MBC	01	0
SC	04	0
ST	0	0

Name of the Department	<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>		
Course	<b>BE Electronics and Communication Engineering</b>		
Number of Students Admitted In Various Categories	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
OC	0	0	01
BC	29	22	28
BCM	05	02	0
MBC	22	18	13
SC	06	06	0
ST	0	0	0

Name of the Department	<b>MECHANICAL ENGINEERING</b>		
Course	<b>BE Mechanical Engineering</b>		
Number of Students Admitted In Various Categories	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
OC	0	1	2
BC	21	08	19
BCM	03	0	0
MBC	15	09	12
SC	06	1	03
ST	0	0	0

Name of the Department	<b>MECHANICAL ENGINEERING</b>	
Course	<b>ME CAD/CAM</b>	
Number of Students Admitted in Various Categories	<b>2021– 22</b>	<b>2020–21</b>
OC	0	0
BC	01	01
BCM	0	01
MBC	02	0
SC	03	0
ST	0	0

Name of the Department	<b>BIOMEDICAL ENGINEERING</b>	
Course	<b>BE Biomedical Engineering</b>	
Number of Students Admitted in Various Categories	<b>2021– 22</b>	<b>2020–21</b>
OC	01	00
BC	24	19
BCM	06	00
MBC	20	14
SC	10	11
ST	1	0

**11.Admission Procedure and Cutoff marks in the last three years:**

Name of the Department	<b>COMPUTER SCIENCE AND ENGINEERING</b>		
Course	<b>BE Computer Science and Engineering</b>		
Admission Quota	<b>Government Quota</b>		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50)in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
	171.50	175.5	189.35
Admission Calendar	11.11.2021	04.11.2020	22.07.2019

Name of the Department	<b>INFORMATION TECHNOLOGY</b>		
Course	<b>B TECH Information Technology</b>		
Admission Quota	<b>Government Quota</b>		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cut off marks obtained in Mathematics (100) + Physics (50) + Chemistry (50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
	185.53	149	162
Admission Calendar	11.11.2021	04.11.2020	22.07.2019

Name of the Department	<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>		
Course	<b>BE Electrical and Electronics Engineering</b>		
Admission Quota	<b>Government Quota</b>		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
	177.45	164	168
Admission Calendar	11.11.2021	04.11.2020	22.07.2019

Name of the Department	<b>ELECTRONICS AND COMMUNICATION ENGINEERING</b>		
Course	<b>BE Electronics and Communication Engineering</b>		
Admission Quota	<b>Government Quota</b>		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
	186.20	162	190
Admission Calendar	11.11.2021	04.11.2020	22.07.2019

Name of the Department	<b>MECHANICAL ENGINEERING</b>		
Course	<b>BE Mechanical Engineering</b>		
Admission Quota	<b>Government Quota</b>		
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50) in Higher Secondary Examination		
Cutoff/Last candidate admitted marks	<b>Academic Year</b>		
	<b>2021– 22</b>	<b>2020–21</b>	<b>2019– 20</b>
	172.35	177.5	170
Admission Calendar	11.11.2021	04.11.2020	22.07.2019

Name of the Department	<b>BIOMEDICAL ENGINEERING</b>	
Course	<b>BE Biomedical Engineering</b>	
Admission Quota	<b>Government Quota</b>	
Entrance Test / Admission Criteria	No Entrance Test, Single Window Counselling following communal reservation. Merit based on cutoff marks obtained in Mathematics(100)+Physics (50)+Chemistry(50) in Higher Secondary Examination	
Cutoff/Last candidate admitted marks	<b>Academic Year</b>	
	<b>2021– 22</b>	<b>2020–21</b>
	183.28	179
Admission Calendar	11.11.2021	04.11.2020



## 15. Information of Infrastructure and other resources available:

### INSTRUCTIONAL AREA

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
<b>MAIN BLOCK</b>						
1	M001	Power System Simulation Lab	101.16	YES	YES	YES
2	M002	Embedded Lab	101.16	YES	YES	YES
3	M005	Power Electronics Lab	101.16	YES	YES	YES
4	M006	Electrical Circuits Lab	101.16	YES	YES	YES
5	M007	Control & Instrumentation Lab	101.16	YES	YES	YES
6	M008	Micro Processor and Micro Controller Lab	101.16	YES	YES	YES
7	M009	Linear Integrated Circuits Lab	101.16	YES	YES	YES
8	M010	Seminar Hall	168.61	YES	YES	YES
9	M011	Research and Development Lab & Project Lab	67.45	YES	YES	YES
10	M013	DC Machines Lab & Workshop	303.5	YES	YES	YES
11	M014			YES	YES	YES
12	M015	AC Machines Lab	202.34	YES	YES	YES
13	M101	Class Room	101.16	YES	YES	YES
14	M102	Class Room	101.16	YES	YES	YES
15	M103	Class Room	101.16	YES	YES	YES
16	M104	Class Room	101.16	YES	YES	YES
17	M105	Class Room	101.16	YES	YES	YES
18	M106	Class Room	101.16	YES	YES	YES
19	M107	Class Room	101.16	YES	YES	YES
20	M108	Class Room	101.16	YES	YES	YES
21	M109	Class Room (PG)	101.16	YES	YES	YES
22	M110	Class Room (PG)	67.45	YES	YES	YES
23	M112	Hardware Lab	101.16	YES	YES	YES
24	M113A	Engineering Practices Lab	101.16	YES	YES	YES
25	M114A	CSE Lab – 1	67.45	YES	YES	YES
26	M114B	Programming Lab	67.45	YES	YES	YES
27	M114C	Data Structure Lab	101.17	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
28	M114D	Database Management Systems Lab	101.17	YES	YES	YES
29	M114E	Operating systems Lab		YES	YES	YES
30	M115A	CSE Lab – 2	67.45	YES	YES	YES
31	M115B	Networks and Security Lab	67.45	YES	YES	YES
32	M115C	Case Tools Lab	67.45	YES	YES	YES
33	M115D	Internet Programming Lab	67.45	YES	YES	YES
34	M116	Department Library – CSE	101.17	YES	YES	YES
35	M201	Tutorial Room (UG)	67.45	YES	YES	YES
36	M202	Tutorial Room (UG)	67.45	YES	YES	YES
37	M203	Seminar Hall	168.61	YES	YES	YES
38	M205	Drawing Hall – I	67.45	YES	YES	YES
39	M206	Drawing Hall – II	134.94	YES	YES	YES
40	M207	Class Room	101.16	YES	YES	YES
41	M208	Class Room	101.16	YES	YES	YES
42	M209	Tutorial Room (PG)	67.45	YES	YES	YES
43	M211	Class Room	101.16	YES	YES	YES
44	M212	Department Library – IT	101.16	YES	YES	YES
45	M213A	Programming and Data structures Lab	67.45	YES	YES	YES
46	M213B	Operating systems Lab	67.45	YES	YES	YES
47	M214A	Networks & MAD Lab	101.17	YES	YES	YES
48	M214B	CASE Tools & Compiler Lab	101.16	YES	YES	YES
49	M215	Classroom	101.16	YES	YES	YES
50	M301	Networks and Communication Lab	185.50	YES	YES	YES
51	M302	Microprocessors and Embedded Lab	134.89	YES	YES	YES
52	M303A	Electronic Devices Lab	67.45	YES	YES	YES
53	M303B	Electronic Circuits Lab	67.45	YES	YES	YES
54	M304	Integrated Circuits Lab	303.52	YES	YES	YES
55	M305	Class Room	101.16	YES	YES	YES
56	M306	Optical and Microwave Lab	134.89	YES	YES	YES
57	M307	Project and Research Lab	134.89	YES	YES	YES
58	M309	Mathematics Lab	134.94	YES	YES	YES
59	M310	Department Library – ECE	67.45	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
60	M311A	DSP and VLSI Design Lab	101.17	YES	YES	YES
61	M311B	Data Mining and Security Lab	101.17	YES	YES	YES
62	M311C	Computer Programming Lab		YES	YES	YES
63	M312	Class Room	101.16	YES	YES	YES
64	M401B	Chemistry Lab	236.05	YES	YES	YES
65	M402A	Physics - Store and Dark Room	33.73	YES	YES	YES
66	M402B	Physics Lab	236.05	YES	YES	YES
67	M404	Class Room	101.16	YES	YES	YES
68	M405	Class Room	101.16	YES	YES	YES
69	M408	Class Room	101.16	YES	YES	YES
70	M409	Tutorial Room (UG)	67.45	YES	YES	YES
71	M411	English – Language Lab	236.05	YES	YES	YES
72	M413	Class Room	101.16	YES	YES	YES
73	M414	Training / Conference Hall	67.45	YES	YES	YES
<b>MECHANICAL BLOCK</b>						
1	MIC 001A	Thermal Engineering Lab – I	128.48	YES	YES	YES
2	MIC 001B	Thermal Engineering Lab – II	128.48	YES	YES	YES
3	MIC 002	Strength of Material Lab	143.12	YES	YES	YES
4	MIC 003	Basic Workshop	253.71	YES	YES	YES
5	MIC 004	Manufacturing Technology Lab – I	280.2	YES	YES	YES
6	MIC 006	CAM Lab	74.34	YES	YES	YES
7	MIC 007	Manufacturing Technology Lab – II	276.02	YES	YES	YES
8	MIC 008A	Fluid Mechanics Lab	117.1	YES	YES	YES
9	MIC 008B	Fluid Machinery Lab	117.1	YES	YES	YES
10	MIC 101	Class Room	107.3	YES	YES	YES
11	MIC 102	Class Room	107.3	YES	YES	YES
12	MIC 103	Class Room	107.3	YES	YES	YES
13	MIC 107	Mechatronics Lab	91.97	YES	YES	YES
14	MIC 108	Dynamics Of Machinery Lab	91.97	YES	YES	YES
15	MIC 109	Metrology & Measurements Lab	91.97	YES	YES	YES
16	MIC 111A	Grid & Cloud Computing Lab	92	YES	YES	YES
17	MIC 111B	Project Lab	92	YES	YES	YES
18	MIC 111C	CSE Research Lab	92	YES	YES	YES

<b>S.NO</b>	<b>Room</b>	<b>Room type (mention class room / Lab / Toilet, etc.)</b>	<b>Carpet area (in sqm.)</b>	<b>Completion of Flooring</b>	<b>Completion of Walls and Painting</b>	<b>Completion of Electrification and lighting</b>
19	MIC 112A	Computer Aided Draft Modeling Lab	92	YES	YES	YES
20	MIC 112B	Simulation and Analysis Lab	92	YES	YES	YES
21	MIC 112C	CAD/CAM Lab	92	YES	YES	YES
22	MIC 201	Class Room	107.3	YES	YES	YES
23	MIC 202	Class Room	107.3	YES	YES	YES
24	MIC 203	Class Room	107.3	YES	YES	YES
25	MIC 204	Class Room	107.3	YES	YES	YES
26	MIC 205	Class Room	107.3	YES	YES	YES
27	MIC 206	Class Room	107.3	YES	YES	YES
28	MIC 207	CAD/CAM – Research Lab	138.01	YES	YES	YES
29	MIC 208	Tutorial Room	138.01	YES	YES	YES
30	MIC 211	Seminar Hall	190.33	YES	YES	YES
31	MIC 301	Class Room	107.3	YES	YES	YES
32	MIC 302	Class Room	107.3	YES	YES	YES
33	MIC 303	Class Room	107.3	YES	YES	YES
34	MIC 304	Tutorial Room	107.3	YES	YES	YES
35	MIC 305	Exam Hall	214.68	YES	YES	YES
36	MIC 306	Drawing Hall	138.01	YES	YES	YES
37	MIC 307	Additional Workshop	138.01	YES	YES	YES
38	MIC 309	Computer Center	506.04	YES	YES	YES
39	MIC 310	Seminar Hall	190.33	YES	YES	YES
40	MIC 401	Class Room	107.3	YES	YES	YES
41	MIC 402	Class Room	107.3	YES	YES	YES
42	MIC 403	Class Room	107.3	YES	YES	YES
43	MIC 404	Class Room	107.3	YES	YES	YES
44	MIC 405	Exam Hall	214.68	YES	YES	YES
45	MIC 406	Additional Workshop	276.02	YES	YES	YES
46	MIC 408	Exam Hall	506.04	YES	YES	YES
47	MIC 409	Seminar Hall	190.33	YES	YES	YES
48	MIC 501	Tutorial Room	107.3	YES	YES	YES
49	MIC 502	Tutorial Room	107.3	YES	YES	YES
50	MIC 503	Seminar Hall	107.3	YES	YES	YES

[illegible]

**ADMINISTRATIVE AREA**

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting)
<b>MAIN BLOCK</b>						
1	M003	Entrepreneurship Development Cell	33.72	YES	YES	YES
2	M004	Department Library – EEE	67.45	YES	YES	YES
3	M011A	Electrician Room & UPS Room	67.45	YES	YES	YES
4	M012B	Central Store	16.35	YES	YES	YES
5	M016	Board Room	67.45	YES	YES	YES
6	M017	Department of EEE	67.45	YES	YES	YES
7	M018	EEE – Faculty Room	168.61	YES	YES	YES
8	M020	Central Store	8.17	YES	YES	YES
9	M021	Central Store	8.17	YES	YES	YES
10	M023	Security Room	10.21	YES	YES	YES
11	M111A	Physical Education	16.35	YES	YES	YES
12	M117	Department of CSE	33.72	YES	YES	YES
13	M118	CSE - Faculty Room	134.89	YES	YES	YES
14	M119	Meeting Hall	67.45	YES	YES	YES
15	M120	Central Store	8.17	YES	YES	YES
16	M121	Central Store	8.17	YES	YES	YES
17	M204	Examination Control Office	168.75	YES	YES	YES
18	M210A	Stationary Store	16.35	YES	YES	YES
19	M216	Department of IT	168.45	YES	YES	YES
20	M217	Meeting Hall	67.45	YES	YES	YES
21	M308A	Staff Recreation Club	16.35	YES	YES	YES
22	M313	Department of ECE	67.45	YES	YES	YES
23	M313A	Faculty Cabin	168.45	YES	YES	YES
24	M314	Meeting Hall	67.45	YES	YES	YES
25	M315	Maintenance Room	8.17	YES	YES	YES
26	M316	Maintenance Room	8.17	YES	YES	YES
27	M401A	Faculty Room - Chemistry	33.73	YES	YES	YES
28	M401C	HoD Room - Chemistry	33.73	YES	YES	YES
29	M402C	HoD Room & Faculty Room - Physics	67.45	YES	YES	YES

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting)
30	M407A	NSS Office	16.35	YES	YES	YES
31	M410A	HoD Room - English	33.73	YES	YES	YES
32	M410B	Faculty Room -English	67.45	YES	YES	YES
33	M412	Industry – Institute Interaction Cell	202.33	YES	YES	YES
34	M415	House Keeping	8.17	YES	YES	YES
35	M416	House Keeping	8.17	YES	YES	YES
<b>MECHANICAL BLOCK</b>						
1	MIC104	Department office – MECH	71.56	YES	YES	YES
2	MIC105	Faculty Room - MECH	178.9	YES	YES	YES
3	MIC106	HoD Room - MECH	71.56	YES	YES	YES
4	MIC210	Training & Placement Cell	506.04	YES	YES	YES
<b>ADMINISTRATIVE BLOCK</b>						
1	A001	Principal Room	173.77	YES	YES	YES
2	A002	Office Room	165.96	YES	YES	YES
3	A003	Reception	11.79	YES	YES	YES
4	A004	Network and Data Centre	32.05	YES	YES	YES
5	A005	Conference Hall	64.51	YES	YES	YES
6	A006	Pantry for Staff	25.61	YES	YES	YES
<b>TOTAL = 3313.68 Sq.m.</b>						

### **AMENITIES AREA**

S.NO	Room	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting)
<b>MAIN BLOCK</b>						
1	M012A	Toilet Gents	134.89	YES	YES	YES
2	M012B	Toilet Handicapped	16.35	YES	YES	YES
3	M019	Toilet (Gents)	67.45	YES	YES	YES
4	M022A	Toilet (Ladies)	56.21	YES	YES	YES
5	M022B	Toilet Handicapped	11.24	YES	YES	YES
6	M111	Toilet (Gents)	134.89	YES	YES	YES
7	M122	Toilet (Ladies)	67.45	YES	YES	YES
8	M210	Toilet (Gents)	134.89	YES	YES	YES

[illegible]



## CIRCULATION AREA

S. No.	Area	Room No.	Room type (mention class room / Lab / Toilet, etc.)	Carpet area (in sqm.)	Completion of Flooring	Completion of Walls and Painting	Completion of Electrification and lighting
1.	Main, Admin & MIC Block	CO	G + 4 Floors (Corridors) & Portico – Main	5091.56	Yes	Yes	Yes
		CO	G + 1 Floor (Corridors) & Portico – Admin	382.31	Yes	Yes	Yes
		CO	G + 5 Floors (Corridors) & Portico – MIC	9525.3	Yes	Yes	Yes
		SC	Staircase (Main)	885.63	Yes	Yes	Yes
		SC	Staircase (MIC)	781.23	Yes	Yes	Yes
<b>TOTAL AREA = 16666.03 Sq.m.</b>							

## OTHERS AREA

[illegible]

**Number of Computer Centers with capacity of each :**

DEPARTMENT	COUNT	SERVER	TOTAL
COMPUTER SCIENCE & ENGINEERING	220	4	845
INFORMATION TECHNOLOGY	192	-	
ELECTRONICS & COMMUNICATION ENGINEERING	124	-	
ELECTRICAL & ELECTRONICS ENGINEERING	53	1	
MECHANICAL ENGINEERING	73	1	
MATHEMATICS LAB	15	-	
ENGLISH LANGUAGE LAB	77	1	
CENTRAL LIBRARY	56	-	
OTHERS	28		
<b>TOTAL</b>	<b>838</b>	<b>7</b>	

**Occupancy Certificate : *Enclosed*****Central Library**

S. No.	Library Resources	Numbers
1	Library Text and Reference books	27651 Vols.
2	National Journals	62
3	International Journals	60
4	Magazines	21
5	Back volumes	536
6	Educational CD/DVD's	32
7	Project Reports	480
8	Question Bank	34
9	News Papers	9

**Open Access Resources**

COURSEWARE	LINKS
NPTEL	<a href="http://nptel.ac.in/">http://nptel.ac.in/</a>
SAKSHAT	<a href="http://www.sakshat.ac.in">http://www.sakshat.ac.in</a>
Coursera	<a href="http://www.coursera.org">http://www.coursera.org</a>
Teachertube	<a href="http://www.teachertube.com/">http://www.teachertube.com/</a>
Co Learn	<a href="http://www.co-learn.in/">http://www.co-learn.in/</a>
IITM	<a href="https://www.iitm.ac.in/">https://www.iitm.ac.in/</a>
MIT	<a href="http://ocw.mit.edu">http://ocw.mit.edu</a>
Egyankosh	<a href="http://www.egyankosh.ac.in">http://www.egyankosh.ac.in</a>
IISC	<a href="http://www.iisc.ac.in/">http://www.iisc.ac.in/</a>
W3 Schools	<a href="http://www.w3schools.com/">http://www.w3schools.com/</a>
Open Library	<a href="http://openlibrary.org/">http://openlibrary.org/</a>

## Open Access E-Journals

URL LINKS	CONTENT
<a href="https://doaj.org/">https://doaj.org/</a>	Doja database contains over 15 000 peer-reviewed open access journals covering all areas of science, technology, medicine, social sciences, arts and humanities
<a href="http://www.opendoar.org/">http://www.opendoar.org/</a>	International Journals, Research Articles
<a href="https://www.ias.ac.in/">https://www.ias.ac.in/</a>	Science and Humanities – Indian journals
<a href="http://nopr.niscair.res.in/">http://nopr.niscair.res.in/</a>	Now access full text articles from research journals published by CSIR-NISCAIR! Full text facility is provided nineteen research journals viz. ALIS, AIR, BVAAP, IJBB, IJBT, IJCA, IJCB, IJCT, IJEB, IJEMS, IJFTR, IJMS, IJNPR, IJPAP, IJRSP, IJTK, JIPR, JSIR & JST and Magazines viz. Science Reporter , Vigyan Pragati, Science Ki Duniya and a Natural Products Repository (NPARR).
<a href="http://www.iaeme.com">www.iaeme.com</a>	The International Association of Engineering and Management Education (IAEME) Publish various journals in Science, Engineering, Technology and Management. 5000+ Research Articles
<a href="http://www.iete.org/publications.htm">http://www.iete.org/publications.htm</a>	Electrical and electronics subjects
<a href="http://www.oajse.com/">http://www.oajse.com/</a>	We can search and retrieve the Chapters from Books, Ph.D. (Doctoral) Thesis and other available sources in India
Highwire Press Journals	HighWire by the numbers Publications:370 Articles:7,659,003, Free full-text articles: 2,434,604 Pay-per-view access
<a href="http://www.indianjournals.com/ijor.aspx">http://www.indianjournals.com/ijor.aspx</a>	Subjects covered Engineering and science and humanities – Indian journals

S. No.	E- THESES - Links
1	<a href="http://shodhganga.inflibnet.ac.in/">http://shodhganga.inflibnet.ac.in/</a>
2	<a href="http://pqdtopen.proquest.com/">http://pqdtopen.proquest.com/</a>
3	<a href="http://www.mgutheses.in/">http://www.mgutheses.in/</a>
4	<a href="http://www.ndltd.org/">http://www.ndltd.org/</a>

## DIGITAL LIBRARY

S. No.	Digital Library - Links
1	<a href="http://nsdl.org/">http://nsdl.org/</a>
2	<a href="http://nopr.niscair.res.in/">http://nopr.niscair.res.in/</a>
3	<a href="http://www.vlib.org/">http://www.vlib.org/</a>
4	<a href="http://www.opendoar.org/find.php">http://www.opendoar.org/find.php</a>
5	<a href="http://www.wdl.org">http://www.wdl.org</a>
6	<a href="http://www.loc.gov">http://www.loc.gov</a>

## Library E- Resources

S. No.	E- Journals	E- Books
1	IEEE (ASPP) = 206	EBSCO - Core Engineering E-books = 6100
2	DELNET = 426	DELNET E- Books = 10839 For all disciplines

## Open Access E-Books

E-BOOKS - Links
<a href="http://www.freebookcentre.net/">http://www.freebookcentre.net/</a>
<a href="http://pdfsb.net/">http://pdfsb.net/</a>
<a href="http://www.e-booksdirectory.com/">http://www.e-booksdirectory.com/</a>
<a href="http://www.freebookspot.es/">http://www.freebookspot.es/</a>
<a href="http://www.audible.com/">http://www.audible.com/</a>
<a href="http://www.baenebooks.com/">www.baenebooks.com/</a>
<a href="http://www.freetechbooks.com/">http://www.freetechbooks.com/</a>
<a href="http://www.getfreebooks.com/">http://www.getfreebooks.com/</a>
<a href="http://digital.library.upenn.edu/">http://digital.library.upenn.edu/</a>
<a href="http://4ebooks.org/">http://4ebooks.org/</a>
<a href="http://www.getfreebooks.com/">http://www.getfreebooks.com/</a>
<a href="http://www.springeropen.com/books/">http://www.springeropen.com/books/</a>
<a href="http://www.ibiblio.org/">http://www.ibiblio.org/</a>
<a href="http://www.e-booksdirectory.com/listing.php?category=73/">http://www.e-booksdirectory.com/listing.php?category=73/</a>
<a href="http://freecomputerbooks.com/">http://freecomputerbooks.com/</a>
<a href="http://www.freebookspot.es/">http://www.freebookspot.es/</a>
<a href="http://www.freetechbooks.com/">http://www.freetechbooks.com/</a>
<a href="http://www.e-booksdirectory.com/listing.php?category=108">http://www.e-booksdirectory.com/listing.php?category=108</a>
<a href="http://www.audible.com/t1/PBRP0329WS022409?source_code=PBRP0310WS012709">http://www.audible.com/t1/PBRP0329WS022409?source_code=PBRP0310WS012709</a>
<a href="http://booksandjournals.brillonline.com/content/books">http://booksandjournals.brillonline.com/content/books</a>
<a href="http://www.e-booksdirectory.com/listing.php?category=118">http://www.e-booksdirectory.com/listing.php?category=118</a>
<a href="http://darwin-online.org.uk/">http://darwin-online.org.uk/</a>
<a href="http://www.doabooks.org/">http://www.doabooks.org/</a>
<a href="http://www.ebooklobby.com/">http://www.ebooklobby.com/</a>
<a href="http://www.baen.com/library/">http://www.baen.com/library/</a>
<a href="http://www.e-booksdirectory.com/listing.php?category=146">http://www.e-booksdirectory.com/listing.php?category=146</a>
<a href="http://www.bookyards.com/">http://www.bookyards.com/</a>

### Links to E- Resources

S. No	E-Journal Database	E-Resources	URL Address
1	IEEE (ASSP Package)	E-Journals	<a href="https://ieeexplore.ieee.org">https://ieeexplore.ieee.org</a>
2	EBSCO - Core Engineering E-books	E-Books	<a href="https://search.ebscohost.com/login.aspx?authtype=ip,uid&amp;custid=ns225430&amp;groupid=main&amp;profile=ehost">https://search.ebscohost.com/login.aspx?authtype=ip,uid&amp;custid=ns225430&amp;groupid=main&amp;profile=ehost</a>
3	DELNET	E-Books and E-Journal	<a href="http://delnet.nic.in/publications.htm">http://delnet.nic.in/publications.htm</a>

### Library Books - Branch Wise

S. No	Branch/Course	Number of Titles	Number of Volumes
1	B.Tech IT	668	3003
2	B.E BME	132	780
3	B.E CSE	826	3050
4	B.E ECE	837	3493
5	B.E EEE	716	3298
6	B.E MECH	779	4910
7	M.E. BDA	105	308
8	M.E. EST	143	1125
9	M.E. SE	198	1105
10	M.E.CAD/CAM	103	1450
11	SCI & HUMANITIES	638	3018
12	GEN	894	1111
13	PLACEMENT TRAINING	449	1000
	<b>TOTAL</b>	<b>6488</b>	<b>27651</b>

### National International Journals - Branch wise

S. No		Branch / Subject	Number of Journals	
			National	International
1		B.Tech IT	6	6
2		B.E BME	6	6
3		B.E CSE	6	6
4		B.E ECE	6	6
5		B.E EEE	6	6
6		B.E MECH	6	6
7		M.E. BDA	6	6
8		M.E. EST	6	6
9		M.E. SE	6	6
10		M.E.CAD/CAM	6	6
11		SCI & HUMANITIES	2	-
<b>Total</b>			<b>62</b>	<b>60</b>

## **Computing Facilities :**

### **Application Software**

1. Ms Office 2007 2010
2. TURBO C Version 3
3. Oracle liG
4. Microsoft Visual Studio 2008
5. Rational Suite
6. Argo UML
7. Eclipse IDE
8. Net Beans 6.8
9. Network Simulator NS2
10. GloMoSim 2.0
11. OPNET
12. Tomcat 6
13. JDK
14. j2SE
15. J2SDK 1.4.2
16. JDE 7.0
17. Adobe Reader 11
18. PHP Designer 7
19. SMADAV 2013 ire -(Twenty)
20. WinRAR 4
21. MySql 5.1
22. DB2
23. Microsoft Essential Security
24. VM Ware
25. Hi Class Software
26. Master CAM X6
27. MAT Lab 13b
- 28, ANSYS Version 14.5
29. Pro E
30. Auto CAD
31. Microwind
32. SPICE Simulation Tool Multisim
33. Snort
34. N Stalker
35. WAMP XAMPP
36. Selenium
37. Knit
38. Apache JMeter
39. LabVIEW Full Development system with measurement studio

## System Software

1. WINDOWS SERVER 2003 2008 2012 R2 2016 Server
2. WINDOWS 7,8,10
3. CENT OS
4. SOPHOS FIREWALL

## Hardware Facilities

<b>Internet Bandwidth</b>	80 Mbps
<b>Number of Systems</b>	845
<b>Configuration</b>	Core i5, Core i3, Core 2 Quad, Core 2 Duo, Dual Core
Total number of system connected by LAN	845
Total number of system connected by WAN	<b>845</b>

## FACILITIES FOR OUTDOOR GAMES

S.NO	LIST OF GAMES	NO.OF COURTS
1	Athletics	Standard 400m track with 8 lanes
2	Cricket field	1
3	Foot Ball field	1
4	Hockey Field	1
5	Basket Ball Court with flood lights	1
6	Volley Ball Court	1
7	Kabaddi Court	1
8	Tennis Court with flood lights	1
9	Ball Badminton Court	3

## FACILITIES FOR INDOOR GAMES

S.NO	LIST OF GAMES	QTY
1	Table Tennis	2
2	Chess	5
3	Badminton Court with wooden flooring & flood lights 3 Nos	1

## FACILITIES FOR GYMNASIUM

S.NO	Equipment	Qty	S.NO	Equipment	Qty
1	Four Station Multi Gym	01	8	H-Bar	01
2	T-Bar	01	9	Iron Bar	01
3	Seated Calf Machine	01	10	Leg Press	01
4	Abdominal Machine	01	11	Pull Worker	01
5	Incline Bench	01	12	Iron Plates/cyber Plates	05 Sets/06 sets
6	Decline Bench	01	13	Parallel Bar	01
7	Flat Bench	01	14	Horizontal Bar	01

## SWIMMING POOL

KSR IET has a swimming pool which follows continuous circulation type with prescribed standard quality tolerances (Physical, Chemical and Bacteriological) for water.

## FACILITIES FOR CULTURAL ACTIVITIES

An AC auditorium 4749.034 Sq m., eight seminar halls each of 1580.62 sq.m available for purpose of practice and performance of different cultural activities like dance, drama, music etc. The college band set comprises Electronic keyboard, Manual Drums Kit, Digital Drum pad, Lead guitar, Bass guitar and Amplifying speakers. The College is conducting cultural events through Music and Cultural club every week. The students are encouraged to participate in the events conducted by other institutions and academy.

## YOGA CENTRE

A separate A/C hall of 168.61 sq.m can accommodate 50 students per batch. Yoga practice is facilitated in boy's and girl's hostel with area of 201.39 and 47.37sq.m.respectively. One qualified Yoga instructor, computer and sound system are made available.

## ENTREPRENEURSHIP DEVELOPMENT CELL

**Objectives of EDC are,**

- To promote knowledge about Entrepreneurship.
- To create social awareness among the faculties and students by conducting various seminars and Programme
- To conduct the training programs about Entrepreneurship.
- To create entrepreneur by Entrepreneurship Development Programs.
- To provide a platform to start-up Entrepreneurship.



## Mechanical Engineering Laboratories



## Electronics and Communication Engineering Laboratories



## Computer Science and Engineering Laboratories



## Electrical and Electronics Engineering Laboratories

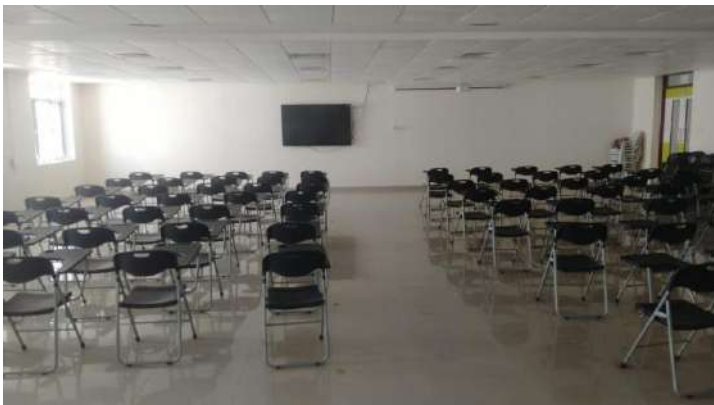




## Information Technology Laboratories



## Smart Class Room



## Library Facilities



## Hostel Facilities



## Gymnasium



## Indoor Stadium





## Swimming Pool



## Outdoor Sports Facilities



## Medical Facilities



## Transport





Guest House



List of Clubs

Technical Clubs

	1. Innovation and Designers Club
	2. Entrepreneurship Network Club



3. **Code Chef**



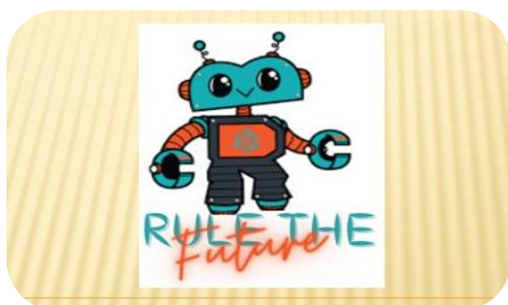
4. **Math and Aptitude Club**



5. **Science Club**



6. **Electronics Hobby Club**



7. **Robotics Club**





8. **E-Vehicle Club**



9. **IoT Club**



10. **Animation and Gaming Club**



11. **Mobile App Developers Club**



12. **Renewable Energy Club**



## Non –Technical Clubs

	<p>1. <b>Eco and Swachh Club</b></p>
	<p>2. <b>Lingua And Readers Club</b></p>
	<p>3. <b>Foreign Language Club</b></p>
	<p>4. <b>Fine Arts and Cultural Club</b></p>
	<p>5. <b>Media and Photography Club</b></p>

	<p>6. <b>Health, Yoga and Nutrition Club</b></p>
	<p>7. <b>Safety &amp; Service Club</b></p>
	<p>8. <b>Kambar Tamil Mandram</b></p>
	<p>9. <b>Do It Yourself Club</b></p>
	<p>10. <b>YouTubers Club</b></p>



## **11. Gardening and Farming Club**



## **12. Sports Club**



## ANNUAL DAY CULTURALS





## Music Club



## KAMBAN TAMIL MANDRAM




### 17.RESEARCH PROJECTS

Research projects	16
Grants Received	70,80038
MOU Companies	14
Patents	18

18.LOA and subsequent EOA till the current Academic year : *Enclosed*

## Profile of the Principal

Name	Dr.M.VENKATESAN			
Designation & Department	PROFESSOR COMPUTER SCIENCE			
Qualification	M.E., Ph.D.			
Area of Specialization	ARTIFICIAL INTELLIGENCE			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.06.2021)	Teaching: 34.6 Years	Industry:00	Others: 00	
Number of Papers Published	National Journals : International Journals : 24			
Number of Papers Presented	National Conferences : International Conferences :			
Books Published	National Publisher 04 International publisher : 00			
Contact Details	E Mail: principal@ksriet.ac.in Mobile: 9944456156			

S.No.	Title of paper	Name of journal	Year of publication	ISSN number
1	An improved efficient dynamic load balancing scheme under heterogeneous networks in hybrid cloud environment	Wireless Personal Communications	2019-20	0929-6212, 1572-834X
2	A design and development of an intelligent jammer and jamming detection methodologies using machine learning approach	Cluster Computing	2019-20	1386-7857
3	Energy Efficient Server with Dynamic Load Balancing Mechanism for Cloud Computing Environment	Wireless Personal Communications	2021 - 2022	0929-6212, 1572834X
4	Task scheduling in a cloud computing environment using HGPSO algorithm	Cluster Computing	2019-20	1386-7857
5	Multi-objective task scheduling using hybrid genetic-ant colony optimization algorithm in cloud environment	Wireless Personal Communications	2020 - 2021	0929-6212, 1572-834X
6	A Hybrid Dynamic Load Balancing For Energy-Efficient of Multi Access in Heterogeneous Wireless Networks	TAGA Journal of Graphic Technology Technical Association of the Graphic Arts, Published by swansea	2018 - 2019	1748-0345



		printing technology Ltd		
7	A Novel Based Resource Allocation Method on Cloud Computing Environment Using Hybrid Differential Evolution Algorithm	Journal of Computational and Theoretical Nanoscience	2017 - 2018	1546-1955 1546-1963
8	An Effective Load Balanced and Congestion Control Protocol for Wireless Multimedia Networks	Asian Journal of Research in Social Sciences and Humanities	2017 - 2018	2249-7315
9	Think Home: A Smart Home as Digital Ecosystem In Circuits and Systems	SCIENTIFIC Research Publishing Inc.	2016 - 2017	2153-1293
10	Efficient Trajectory Error Detection: Router Group Monitoring With Adaptive Interface Selection Strategy	Journal of Computer Science Engineering and Software Testing	2016 - 2017	2581-6969
11	ERAM2 - Energy Based Resource Allocation With Minimum Reckon and Maximum Reckon	Journal of Advances in Chemistry	2016 - 2017	2321 - 807X
12	Router Group Selection Using Bat Algorithm With Bayesian Filter (Babf): An Efficient Trajectory Error Detection	Asian Journal of Research in Social Sciences and Humanities	2016 - 2017	2249-7315
13	Conceptual Model for Smart Cities For Irrigation and Highway Lamps Using IOT	International Journal of Interactive Multimedia and Artificial Intelligence	2016 - 2017	1989-1660
14	Advanced Automated Module for Smart and Secure City	Procedia Computer Science, Elsevier	2015 - 2016	1877-0509
15	Trust Based Detection of Malicious Nodes In Wireless Networks	International Journal of Advanced Research in Computer Engineering & Technology	2015 - 2016	2278 – 1323
16	A Survey on Congestion Control in Wireless Sensor Networks	International Journal of Computer Applications	2015-2016	0975 - 8887
17	A survey on detecting compromised nodes in wireless sensor networks	International Journal of Computer Science and Information Technologies	2014-2015	0975–9646
18	A novel approach for multiple object resource allocation using hybrid algorithm	Middle-East Journal of Scientific Research	2014-2015	1990-9233
19	Channel Aware Multilayer Routing Protocol for Under water wireless sensor Network	Asian Journal of Research in Social Sciences and Humanities	2016	2249-7315
20	Firewalls policies enhancement strategies towards securing network	IEEE Conference on Information & Communication Technologies	2013	-



21	A holistic approach to secure network using firewalls	FACT'12,	2012	-
22	A fragile watermarking scheme for image authentication with tamper localization using integer wavelet transform	Journal of Computer Science	2009	15493636
23	Reversible image authentication with tamper localization based on integer wavelet transform	International Journal on Computer Science and Information Security	2009	1947-5500
24	Authentication watermarking using integer wavelet transform	CiiT International Journal of Digital Signal Processing	2009	0974 – 9705
25	Secure authentication watermarking for binary images using pattern matching	International Journal of Computer Science and Network Security	2008	1738-7906
26	Cryptography-based secure authentication watermarking for binary images	CSI Communications	2007	0970 - 647X
27	A new data hiding scheme with quality control for binary images using block parity	Third international symposium on information assurance and security	2007	-

#### BOOKS PUBLISHED

S.NO	TITLE OF THE BOOK/CHAPTERS PUBLISHED	YEAR OF PUBLICATION	ISBN/ISSN NUMBER OF THE PROCEEDING	NAME OF THE PUBLISHER
1	Computer Architecture and Organization	2019	978-9384 634-89-6	ARS Publications
2	Computer Architecture	2019	978-93-87255-56-2	ARS Publications
3	Programming and Data Structures – II	2016	978-93-84608-71-2	ARS Publications
4	Computer Architecture	2015	978-93-84634-89-6	AR Publications Chennai

#### Awards and Achievements

Name of the Award	Organization
Lifetime Achievement Award	Novel Research Academy, Puducherry
Best College Principal Award	Nature Science Foundation, Coimbatore
Best Principal Award	The Institution of Engineers (India)

## Patents Applied

1. Wind turbine nacelle with phase change material which controls temperature using AI - **Patent Filed Date: 29.04.2021- Published**
2. Automated Ration Distribution System - Patent filed

## Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	An Analysis of Energy Efficiency Improvement through Wireless Energy Transfer in Wireless Sensor Network	ICMR	Rs 50,000	Author

## Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	5.5.2014	10.5.2014	Big Data Analytics	ISTE – SRM Rs 1,00,000

## Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	KSRIET Profile Android App	KSR EI

## Training Offered

1. NIL

## Membership in Professional Bodies

1. ISTE

## COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

Name	Dr.B.KALAAVATHI			
Department & Designation	Professor &Head/ CSE			
Qualification	B.E.,M.Tech.,Ph.D.			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.06.2021)	Teaching:26	Industry:02	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 68	
Number of Papers Presented	National Conferences : 11		International Conferences : 08	
Books Published	National Publisher : 02		International publisher : 00	
Contact Details	E Mail: hod_cse@ksriet.ac.in		Mobile:94425 40803	

### Publications (International Journals)

#### 2007

1. B.Kalaavathi and K.Duraiswamy, "Ant Colony Based Node-Disjoint Hybrid Multi-path Routing for Mobile Ad Hoc Network", International Transactions on Computer Science and Engineering, Vol. 43 (1), pp.174-191, 2007.

#### 2008

2. B.Kalaavathi and K.Duraiswamy, "Ant Colony Based Node-Disjoint Hybrid Multi-path Routing for Mobile Ad Hoc Network", International Journal of Computer Science, Vol. 4 (2), pp. 80-86, 2008.
3. B.Kalaavathi and K.Duraiswamy "Cross-Layer Design for Ant Colony Based Hybrid Multi-path Routing in Mobile Ad Hoc Network", International Journal of Engineering Research and Industrial Applications, Vol.1 (7), pp.193 – 207, 2008

## 2009

4. Vijayaragavan, S, Duraiswamy, K., B.Kalaavathi, and Madhavi, S, "A Performance Comparison of Multipath Multicast Routing Protocols for MANET", International Journal of Computer Science and Network Security, Vol.9, No. 11, pp. 163-169, 2009
5. Vijayaragavan, S, Duraiswamy, K., B.Kalaavathi, and Madhavi, "A Performance Study of Reactive Multicast Routing Protocols in Virtual Class Room Using Mobile Ad Hoc Network", Journal of Computer Science, Vol. 5, No. 11, pp. 788- 793, 2009

## 2010

6. Vijayaragavan, S, Duraiswamy, K., B.Kalaavathi, and Madhavi, "Power-Aware Multiple Path Multicast Ad hoc On Demand Distance Vector Routing Protocol", IJCA Special Issue on Mobile Ad-hoc Networks, MANETs, Vol. 5, No. 11, pp. 173-179, 2010
7. Sabari, A., Duraiswamy, K. and B.Kalaavathi, "A Comparative Performance Study of MAODV and MANHSI for Mobile Ad Hoc Networks", International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences, Vol. 3, Issue 1, PP. 465-468, 2010.

## 2011

8. Kuppusamy, P and B.Kalaavathi, "A Review of Cooperative Caching Strategies in Mobile Ad Hoc Networks", International Journal of Computer Applications, Vol. 29, no. 11, pp. 22, 2011
9. Kuppusamy, P and B.Kalaavathi, "Scenario Based Performance Evaluation of DSR and AODV Routing Protocols", International Journal on Computer Science Engineering Technology, Vol. 1, no. 6, pp. 320, 2011
10. P.S. Gomathi and B.Kalaavathi, "Multifocus Image Fusion Using Discrete Wavelet Transform", CiiT Journal of Digital Image Processing, VOL.3, No.10, pp.630-635, ISSN:0974-9586

## 2012

11. Kuppusamy, P and B.Kalaavathi, "Cluster Based Data Consistency for Cooperative Caching over Partition-able Mobile Ad hoc Network", American Journal of Applied Sciences, Vol. 9, no. 8, pp. 1307, 2012
12. Kuppusamy, P and B.Kalaavathi, "A Novel Cache Update Algorithm for Consistency Maintenance over Cluster Based MANET", International Journal of Computer Science & Engineering Technology, Vol. 3, no. 7, pp. 235, 2012
13. S. Selvi and B.Kalaavathi, "Dynamic Steady State Distribution in Cloud", International Journal of Engineering and Innovative Technology, Volume 1, Issue 3, ISSN:2277 – 3754, PP 129-132, March-2012.
14. Kuppusamy, P and B.Kalaavathi, "Energy Efficient Cluster Cooperative

Caching for Mobile Ad-Hoc Networks”, International Journal on Computer Science and Technology, Vol. 3, no. 2, pp. 545-549, 2012

15. M.I. Thariq Hussain and B.Kalaavathi, “Performance Analysis of Temporal Mobile Sequential Patterns in Location Based Service”, International Journal of Computer Science, Information Technology and Security, Volume 2, No. 5, October 2012, PP 957-964, ISSN: 2249-9555
16. S.Poongodi and B.Kalaavathi, “Comparative Study of Various Transformations in Robust Watermarking Algorithms”, International Journal of Computer Applications, ISSN: (0975 – 8887) Volume 58, No.11, November 2012, PP: 36 -42.

### 2013

17. M.I. Thariq Hussain and B.Kalaavathi, “Content Based Image Retrieval with Application of Clustering of Data and User Interaction”, International Journal of Advanced Information Science and Technology, Volume 10, No. 10, February 2013, PP 42-48, ISSN: 2319-2682.
18. M.I. Thariq Hussain and B.Kalaavathi, “Multi-Cluster Based Temporal Mobile Sequential Pattern Mining Using Heuristic Search”, WSEAS Transactions on Computers, Issue 11, Volume 12, November 2013, PP 432-439, E-ISSN: 2224- 2872 Annexure-II, SJR-0.223(2013)
19. P.S. Gomathi and B.Kalaavathi, “Wavelet based image fusion for Medical Applications” International Review on Computers and Software (IRECOS) , Vol.8,No.11, November 2013 ISSN :1828-6003 (S.No: 8815 in Annexure II) Impact Factor 0.54
20. N. Mohanapriya and B. Kalaavathi, “Comparative Study of Different Enhancement Techniques for Medical Images” International Journal of Computer Applications, ISSN (0975 – 8887) Volume 61– No.20, January 2013 PP 39-44
21. S.Gayathri, N.Mohanapriya and Dr.B.Kalaavathi, “Survey on Contrast Enhancement Techniques”, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 2, Issue 11, November 2013 ISSN (Print) : 2319-5940 ISSN (Online) : 2278-1021 PP: 4176-4180
22. V.Vijayakumar ,S.Poongodi and B.Kalavathi “Digital Watermarking Technique : A Survey”, IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), ISSN: 2249-9555 , Vol. 3, No.1, February 2013, PP:6-14
23. S.Poongodi, B.Kalaavathi and M.Shanmugapriya, “Secure Transformation of Data in Encrypted Image Using Reversible Data hiding Technique”, International Journal of Engineering Science and Innovative Technology (IJESIT), ISSN: 2319-5967, Volume 2, Issue 4, July 2013, PP:45-50

### 2014

24. P.S. Gomathi and B.Kalaavathi, “Multimodal Medical Image Fusion using neighbouring Pixel Selection” International Journal of Bio-Science and Bio-

Technology, Vol.6, No.3 2014, pp.97-108. ISSN : 22337849 (S.No: 7927 in Annexure II) Impact Factor 0.68

25. P.S. Gomathi and B.Kalaavathi, "Medical Image Fusion Based On Redundant Wavelet Transform and Morphological Processing", World Academy of Science, Engineering and Technology, Vol:8, No:6, 2014, pp.906-910. ISSN:2010376X E-ISSN:20103778 (S.No:20409 in Annexure II) Impact Factor:1.209
26. S.Gayathri, N.Mohanapriya, B.Kalaavathi, "Efficient Contrast Enhancement Using Gamma Correction With Multilevel Thresholding And Probability Based Entropy", IJRET: International Journal of Research in Engineering and Technology, eISSN: 2319-1163 pISSN: 2321-7308 Volume: 03 Special Issue: 07, May-2014, Available @ <http://www.ijret.org> PP: 781-786
27. P.Suganya, N.Mohanapriya, B.Kalaavathi Satellite Image Resolution Enhancement Using Multi Wavelet Transform And Comparison Of Interpolation Techniques, IJRET: International Journal of Research in Engineering and Technology, eISSN: 2319-1163 pISSN: 2321-7308 Volume: 03 Special Issue: 07, May-2014, Available @ <http://www.ijret.org> PP 769-772
28. N. Mohanapriya, and B. Kalaavathi, Image Enhancement Using Multilevel Contrast Stretching and Noise Smoothing Technique for CT Images, International Journal of Scientific & Engineering Research, Volume 5, Issue 5, 2014 ISSN 2229-5518 PP 713-718
29. S.Poongodi, and B.Kalaavathi, "The Transmission of Image and Data Through Video Signal Using Wavelet Transform", International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753 Vol. 3, Issue 4, 2014 PP: 11345-11349
30. S. Poongodi and B. Kalaavathi, "Data Hiding in Watermarking Technique with Effective Key Length Using Spread Spectrum Technique", Australian Journal of Basic and Applied Sciences, ISSN:1991-8178, 8(15) 2014, PP: 100-105, Annexure II Impact Factor: 0.675
31. R. Chithra, B. Kalavathi and J. Christy Lavanya "Survey of Key Management Algorithms in WiMAX", World Academy of Science, Engineering and Technology, International Journal of Mathematical, Computational, Natural and Physical Engineering, Vol:8, No:9, 2014, PP:1222-1225, Annexure II, Impact Factor:1.209
32. Vimala devi and B.Kalaavathi, "Microarray Gene Ranking Technique Based on Modified Successive Feature Selection Algorithm", Journal of International Review on Computers and Software, Vol. 9, No. 3, 2014 , Annexure II, Impact Factor:0.53
33. Vimala devi and B.Kalaavathi, "Feed-Forward Back Propagation Neural Network for Ranking Gene Expression Data", International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 9, Number 21 (2014) pp. 11315- 11325 , Annexure II, Impact Factor:0.16
34. Vimala devi and B.Kalaavathi, "A microarray gene expression data classification using hybrid back propagation neural network", International Journal - Genetika, Vol 46, No. 3, December 2014 PP: 1013-1026 , Annexure I, Impact Factor:0.347
35. Vimala devi and B.Kalaavathi, "Cancer Classification using Hybrid Fast

Particle Swarm Optimization with Backpropagation Neural Network”, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 3, Issue 11, 2014

36. P. Kuppusamy, Dr.B.Kalaavathi and S. Chandra, “Optimal Data Replacement Technique for Cooperative Caching IN MANET”, ICTACT Journal on Communication Technology, ISSN: 2229-6948, 2014, Volume: 05, Issue: 03

## 2015

37. P.S. Gomathi and B.Kalaavathi, “Reserving Room before Encryption for Reversible Data Hiding with Scan Encryption” , International Journal of Applied Engineering Research, Volume 10, Number 3, 2015 pp. 8231-8239. ISSN 0973-4562, Annexure II, Impact Factor:0.16
38. [S. SivasangumanI](#), [P.S. Gomathi](#) and [B. Kalaavathi](#), “Regional Firing Characteristic of PCNN Based Multimodal Medical Image Fusion In NSCT Domain”, International Journal of Biomedical Engineering and Technology, Inderscience online, Volume 18, Issue 3, Print ISSN: 1752-6418 Online ISSN: 1752-6426, DOI: 10.1504/IJBET.2015.070575, 2015, Annexure II, Impact Factor :0.60
39. R.Chitra and B.Kalaavathi, “Secured Session Based Profile Caching for E- Learning Systems Using WiMAX Networks” World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:9, No:6, 2015,pp 1632- 1635
40. M.I Thariq Hussain and B.Kalaavathi “ An Optimized User Behavior Prediction Model Using Genetic Algorithm on Mobile Web Structure” , KSII Transactions On Internet And Information Systems, VOL.9 NO.5., MAY 2015, ISSN:1976-7277 <http://dx.doi.org/10.3837/tiis.2015.05.023> Annexure I, Impact Factor :0.54
41. R.Chitra and B.Kalaavathi “Security Enhancement Using Cache Based Re-authentication in WiMAX Based E-Learning System”, Hindawi Publishing Corporation The Scientific World Journal, Volume 2015, Article ID 878327, 6 pages <http://dx.doi.org/10.1155/2015/878327>, ISSN: 1537-744X, Annexure I, Impact Factor :1.55
42. R.Chitra and B.Kalaavathi “Secured Session Based Authentication Protocol for E-Learning using WiMAX Networks”, International Journal of Advancements in Computing Technology(IJACT), Volume7, Number5, September 2015
43. R.Chitra and B.Kalaavathi, “Review on Security Issues In WiMAX Networks for E-Learning”, International Journal of Computer Science and Mobile Applications, Vol.3 Issue. 9, September- 2015, pg.14-19 , ISSN: 2321-8363
44. R.Chitra ,B.Kalaavathi and K.S.Aruna Shivani, “Survey on Handover Security Issues in WiMAX Networks” World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:9, No:4, 2015, pp 1063-1072.

## 2016

45. P.S. Gomathi and B.Kalaavathi, "Multimodal Medical Image Fusion in Non-Subsampled Contourlet Transform Domain", Circuits and Systems, 2016, Vol.7 No.8, pp.1598-1610. ISSN Print:2153-1285, ISSN Online:2153-1293
46. Selvi, S and Dr. Kalaavathi, B,"Multilayer Intensive Resource Allocation in Cloud using Leftist Heaps with VM Migration",International Journal of Printing, Packing & Allied Sciences, vol. 4,no. 4, pp. 2763-2775, 2016.(Annexure - I)
47. P.S. Gomathi and B.Kalaavathi, "Medical Image Fusion Based on Multiscale Transforms" , Journal of Medical Imaging and Health Informatics, 2016, ISSN:2156-7018 (Print), EISSN:2156-7026 (Online), Annexure I, Impact Factor:0.58
48. Selvi, S and B.Kalaavathi, B, „AGERL based Enhanced Map Reduce Technique in Cloud Scheduling“, SSRG International Journal of Computer Science and Engineering, 2016, vol. 3, no. 10, pp. 60-65.
49. Selvi, S and B.Kalaavathi, B, „Enhanced Scheduling Approach Using Heuristics Flow Equilibrium Based Load Balancing Algorithm In Cloud“, International Journal of Control Theory and Applications, 2016,vol. 9, no. 2, pp. 1023-1034. (Annexure – II)
50. Selvi, S and B.Kalaavathi, B, "Multilayer Intensive Resource Allocation in Cloud using Leftist Heaps with VM Migration",International Journal of Printing, Packing & Allied Sciences, 2016,vol. 4,no. 4, pp. 2763-2775.(Annexure - I)
51. R.Chitra and B.Kalaavathi, "Effective Multicast Broadcast Services in Mobile WiMAX Using Location Based Load Management Technique" South Asian Journal of Engineering and Technology 2016, Vol.2, No.19,pp 22–27
52. S D Prabu Ragavendiran and B.Kalaavathi, "A Schema for Evaluating Service Provider Level Trust", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 11, November 2016, pp. 179-188, ISSN 2249-7315, DOI NUMBER:10.5958/2249-7315.2016.01184.9
53. S D Prabu Ragavendiran and B.Kalaavathi, "Enhancing User Trust Using Access Pattern based User Trust Computation and Cloud Trial Strategies", International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 5, December 2016, ISSN 2320-4387

## 2017

54. Selvi, S and B. Kalaavathi, B, „Reducing Rejected Workflows using WSHF algorithm in Cloud“, Asian Journal of Research in Social Sciences and Humanities, 2017,vol. 7,no. 3,pp. 397-405.(Annexure – I)
55. Selvi, S and B. Kalaavathi, B," Analyzing the Gene Expression Data using Dynamic Resource Provisioning and Load Balancing Methodology: A case Study", Journal of Medical Imaging and Health Informatics,( Annexure-I) Impact Factor:0.621
56. Selvaraju P and Kalaavathi B, "Grey Wolf Optimizer Based Web usage Data Clustering with Enhanced Fuzzy C Means Algorithm", International Journal of Data Mining Techniques and Applications (IJDMTA), Vol. 6, Issue 1, June 2017,



57. Mohanapriya and B.Kalaavathi.” "Adaptive Image Enhancement Using Hybrid Particle Swarm Optimization and Watershed Segmentation", Intelligent Automation and Soft Computing – An International Journal, November, 2017,(Annexure-I)Impact Factor : 0.644
58. Umamaheswari, A and Dr.Kalaavathi, B, “ Intrusion detection and prevention system in MANET using hierarchical task network planning”, Perspectives in Information Science, vol.22, sp.4, p28. , Nov./ Dec. 2017, ISSN: 1413-9936
59. Viveka, S and Dr. Kalaavathi B, „An artificial bee colony algorithm to mine high utility itemsets“, Perspectivas Em Ciencia Da Informacao, vol. 22, no. 4, December 2017, pp. 259-269. ISBN : 1413-9936
60. Selvaraju P and Kalaavathi B, “An efficient path completion technique based on auxiliary pages for web usage mining”, Asian Journal of Research in Social Sciences and Humanities, vol. 7, no. 2, 2017 pp. 22-36 Online ISSN : 2249-7315. Article DOI : 10.5958/2249- 7315.2017.00068.5

## 2018

61. D.Muthusankar and B. Kalaavathi, “High performance feature selection algorithms using filter method for cloud-based recommendation system” Cluster Computing The Journal of Networks, Software Tools and Applications ISSN: 1386-7857 (Print) 1573-7543 (Online), Feb 2018
62. S D Prabu Ragavendiran and B.Kalaavathi, “Location Based Trust Ranking For Cloud Service Providers Using Cloud Simulator And Fuzzy Systems” Journal of Web Engineering, Vol. 17, No.6 (2018) 2300-2313 .
63. Umamaheswari, A and Dr.Kalaavathi, B, “Honeypot TB-IDS: trace back model based intrusion detection system using knowledge based honeypot construction model”, Cluster Computing The Journal of Networks, Software Tools and Applications ISSN: 1386-7857 (Print) 1573-7543 (Online),2018, <https://doi.org/10.1007/s10586-018-2173-4>
64. S D Prabu Ragavendiran and B.Kalaavathi, “Location Based Trust Ranking For Cloud Service Providers Using Cloud Simulator And Fuzzy Systems” Journal of Web Engineering, Vol. 17, No.6 (2018) 2300-2313 .
65. Umamaheswari, A and Dr.Kalaavathi, B, “Honeypot TB-IDS: trace back model based intrusion detection system using knowledge based honeypot construction model”, Cluster Computing The Journal of Networks, Software Tools and Applications ISSN: 1386-7857 (Print) 1573-7543 (Online),2018, <https://doi.org/10.1007/s10586-018-2173-4>

## 2019

66. Viveka,S & Dr.Kalaavathi B, „An Artificial Bee Colony Algorithm to Mine Periodic High Utility Itemsets“ in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, vol. 8, no. 6,2019.
67. Dhupa, Dr. B. Kalaavathi ,” Trust and Privacy Based Authentication Method for Vertical Handoff Decision in Heterogeneous Network”. International Journal of

Engineering and Advanced Technology (IJEAT)\_ ISSN: 2249 – 8958, Volume:9 Issue: 11 Pages: 5328-5334,2019.

68. N Mohanapriya, Dr.B Kalaavathi, “Adaptive Image Enhancement Using Hybrid Particle Swarm Optimization and Watershed Segmentation”, INTELLIGENT AUTOMATION AND SOFT COMPUTING, Volume:25 Issue: 4 Pages: 663-672,2019

#### **Publications (National Journals)**

1. R.Chitra and B.Kalaavathi “Security Enhancement in ICT for Education using WiMAX Networks” CSI Communications, Volume No.39, Issue No.9, December 2015, pp 36-40.

#### **Publications (International Conferences)**

1. B.Kalaavathi, Sabari A and K.Duraiswamy “ Virtual class room using Mobile Ad Hoc network” International conference on e-learning, PGP Engineering College, Namakkal, 25.10.2005 & 26.10.2005
2. B.Kalaavathi and K.Duraiswamy “Review of Ant Based Routing Protocols for MANET” International Conference on Computing ,Communication and Networking , Chettinad College of Engineering & Technology, Karur, 18.12.2008 to 20.12. 2008
3. Gomathi P S and B.Kalaavathi “Multimodality Medical Image Fusion Using Discrete Wavelet Transform and Morphological Operation” Second International Conference on Emerging Research, 20.02.2012 to 21.02.2012
4. M.I. Thariq Hussain and B.Kalaavathi, “Efficiency of Multi-Clustering in Mobile Pattern Mining “International Conference on Data mining and Soft Computing Techniques organized by SASTRA University, Thanjavur, 25.10.2013 & 26.10.2013
5. Mohanapriya N and B.Kalaavathi “Efficient contrast Enhancement using Gamma correction with Multilevel Troubleshooting and Probability Based Entropy” International Conference on Trends in Technology for Convergence, AVS Engineering College, Salem, 08.04.2014 and 09.04.2014.
6. Mohanapriya N and B.Kalaavathi “Image Enhancement using Multilevel contrast Stretching and Noise Smoothing Technique for CT images” International Conference on Trends in Technology for Convergence, AVS Engineering College, Salem, 08.04.2014 and 09.04.2014.
7. Mohanapriya N and B.Kalaavathi “Satellite images Resolution Enhancement using Multiwavelet Transform and comparison of Interpolation Technique” International Conference on Trends in Technology for Convergence, AVS Engineering College, Salem, 08.04.2014 and 09.04.2014.
8. Ravichandran A and B.Kalaavathi “Multiobject tracking Methods Based on particle filter and HMM ” International Conference on Innovations in Communication and Computer Engineering, 15.02.2015

#### **Publications (National Conferences)**

1. B.Kalaavathi, Sabari A and K.Duraiswamy “Mobile Agents for Routing in Networks “National Conference on Mobile Computing , BS Abdul Rahman College of Engineering, NCMC-2005
2. B.Kalaavathi, Sabari A and K.Duraiswamy “Study of Ant Net Routing Algorithms to Improve Qos in Networks” National Conference on High Performance Computing, GCE,Tirunelveli, 08.04.2005

3. M.I. Thariq Hussain and B.Kalaavathi “Mining in Troubleshooting” National Conference on advanced Computing and Wireless Technology, Vidyaa Vikas College of Engineering and Technology, Tiruchengode, 18.02.2011
4. M.I. Thariq Hussain and B.Kalaavathi “Effective Sequential Pattern Mining Algorithms for Dense Database” National Conference on Emerging Technology in Computer and Communication organized by Vivekanandha Institute of Engineering and Technology for Women, Tiruchengode, 15.03.2011 & 16.03.2011
5. Gomathi P S and B.Kalaavathi “An improved multimodality medical image Fusion on Discrete Wavelet Transform” IEEE National Conference on Computational Intelligence and Computing Research, 15.12..2011 to 18.12.2011
6. M.I. Thariq Hussain and B.Kalaavathi “Mining Cluster-Based Temporal Mobile Sequential Patterns in Location Based Service Environments” National Conference on Emerging Trends in Engineering and Technology organized by CMS College of Engineering, Namakkal, 15.03.2013 & 16.03.2013
7. M.I. Thariq Hussain and B.Kalaavathi “Customer Data Clustering using Data Mining Technique” National Conference on Innovative Research in Materials, Manufacturing and Design organized by Annai College of Engineering and Technology, Kumbakonam, 05.04.2013
8. Uma maheswari A and B.Kalaavathi “A Study on Clustering Algorithms for Wireless Sensor Networks” National Conference on Recent Trends in Engineering and Technology organized by KSR Institute for Engineering and Technology, Tiruchengode, 10.04.2013

#### **Patents Applied:**

1. Provisional patent on “A Method of an Automated Ration Distributed System” with patent number - 201941037491
2. Published Patent Title: Artificial Intelligence based Diagnosis of Malignant Skin Disease using Classification Algorithm, patent number : 202121060792

#### **Books /Instruction materials/monographs published**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Grid and Cloud Computing	Dr.B.Kalaavathi P.Krishna Shankar	ARS Publishers	2016
2.	Artificial Intelligence	Dr.B.Kalaavathi P.Krishna Shankar	ARS Publishers	2016

#### **Funded Research Projects**

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Virtual Class Room using MANET	AICTE- RPS (Research Promotion Scheme) (2006 to 2008)	5.75 lakhs	Co-Principal Investigator

**LIST OF LECTURES/KEYNOTES DELIVERED**

S.No.	Programme type	Venue	Date
1.	Lecture on AICTE Sponsored SDP on “Mobile Computing”	KSR College of Engineering, Tiruchengode	24.07.06
2.	Lecture on AICTE Sponsored SDP on “Mobile ad hoc Networking and computing”	M.Kumarasamy College of Engineering ,Karur	24.05.10
3.	Lecture on “Mobile Computing”	Bannari Amman Institute of Technology, Sathyamanagalam	18.02.11
4.	Lecture on CSIR Sponsored Seminar on “Research Perspective on Mobile ad hoc network”	Velalar college of Engg and Technology ,Erode	04.03.11
5.	Lecture on CSIR Sponsored seminar on “Wireless Sensor Network for the Surveillance of Nuclear Radiation”	KSR College of Engineering, Tiruchengode	18.06.12
6.	Technical lecture on FDP in “Mobile and Pervasive Computing”	SNS College of Technology, Coimbatore	09.01.13
7.	Keynote address on Networks in International Conference on “Recent advances and Trends in Computer Engineering, Management and Society”	Vivekananda College of Engineering for Women, Tiruchengode	06.03.14 to 07.03.14
8.	Lecture on Anna University sponsored FDP on “Architecture Business Cycle”	KSR College of Engineering, Tiruchengode	03.12.15

**LIST OF TRAINING PROGRAMMES ATTENDED**

S.No.	Programme Name	Period	No. of days
1.	AICTE/ISTE/STTP Summer School on Multimedia at PSG College of Technology, Coimbatore	27.07.1998 to 08.08.1998	2 weeks
2.	Workshop on effective teaching skills at K.S. Rangasamy College of Technology, Tiruchengode	28.06.02 to 29.06.02	2 days
3.	Workshop on “Trends in Distributed Computing “at Jayaram College of Engineering and Technology, Trichy	21.08.02 to 22.08.02	2 days
4.	Wipro Mission 10x workshop at K.S. Rangasamy College of Technology, Tiruchengode	01.02.11 to 05.02.11	5 days

5.	National level Seminar on Intelligent based Wireless Ad Hoc and Sensor Networks and its Application with Ocean Technology at K.S. Rangasamy College of Technology, Tiruchengode	19.08.11 to 20.08.11	2 days
6.	National Symposium on Acoustics by KSR Institute for Engineering & Technology and Acoustical society of India	05.12.12 to 07.12.12	3 days
7.	Workshop on training of Evaluators/resource person on outcome based accreditation by NBA at Bannari Amman Institute of Technology, Sathyamangalam	24.07.13 to 26.07.13	3 days
8.	Workshop on Big Data analytics at NIT,Tiruchirapalli	12.12.14 to 13.12.14	2 days
9.	VMware Academy Day Benagaluru 2016 at VMware Soft. India Pvt.Ltd, Benagaluru	20.04.2016	1 day
10.	vITA Data Center Virtualization Fundamentals at Sona College of Technology,Salem	30.05.2016 To 01.06.2016	3 days
11.	Pre convention Tutorial of 51 <sup>st</sup> Annual convention of Computer Society of India at PSG College of Technology, Coimbatore on “Data Science”	22.01.2017	1 day

#### LIST OF PROGRAMMES ORGANIZED

S.No.	Programme		Date
	Name	Type	
1.	National Conference in “Emerging Trends in Computer Science and Engineering”, K.S. Rangasamy College of Technology, Tiruchengode.	National Conference	20.02.2007
2.	National conference on Information and communication Technology, (NCICT2010), (sponsored by Infosys), K.S. Rangasamy College of Technology, Tiruchengode	National Conference	05.03.10
3.	Recent Trends and Advances in Information Technology, (NCRAIT“-11), K.S. Rangasamy College of Technology, Tiruchengode	National Conference	05.03.11
4.	National Conference on Recent Trends in Engineering and Technology“,13, K S R Institute for Engineering and Technology, Tiruchengode	National Conference	06.04.13
5.	One day Seminar on Higher Education and Employability , “Ignite to Elevate”, K S R Institute for	Seminar	10.08.2013

	Engineering and Technology, Tiruchengode (Alumni Students)		
6.	One day Power Seminar on “Employability Skills” in association with ICTACT, K SR Institute for Engineering and Technology, Tiruchengode.	Seminar	05.10.2013
7.	CSI student Chapter “Two days Regional Level Student Convention”, K SR Institute for Engineering and Technology, Tiruchengode.	Workshop & Symposium	13 & 14, Feb,2015
8.	National Seminar on “How to prepare for IAS, IPS Competitive Examinations”, K S R Institute for	Seminar	15.02.14
	Engineering and Technology, Tiruchengode		
9.	National Conference on “Recent Trends in Engineering and Technology”14”, K S R Institute for Engineering and Technology, Tiruchengode	Conference	12.03.14
10	“Tech-Bridge” Workshop programme for School Headmasters in association with Computer Society of India, K S R Institute for Engineering and Technology, Tiruchengode	Workshop	23.08.14
11	National conference on Recent Trends in Engineering and Technology”15, KS R Institute for Engineering and Technology, Tiruchengode	Conference	07.03.15
12	One day Power Seminar on “Employability Skills” in association with ICTACT, K S R Institute for Engineering and Technology, Tiruchengode.	Seminar	31.01.2015
13	Two days workshop on “Mathematics-Engineering Perspective”, K S R Institute for Engineering and Technology, Tiruchengode.	Workshop	09.10.2014 & 10.10.2014
14	Five days Faculty Development programme on “C# and ADO.NET Programming” in association with ICT Academy of Tamil Nadu, K S R Institute for Engineering and Technology, Tiruchengode.	FDP	23.11.15 to 27.11.15

15.	Two days hands on workshop on “Mobile Applications Development”, K S R Institute for Engineering and Technology, Tiruchengode.	Workshop	25.11.15 to 27.11.15
16.	Two days hands on workshop on “Grid and Cloud Computing”, K S R Institute for Engineering and Technology, Tiruchengode.	Workshop	17.06.16 to. 18.06.16
17	Three days FDP on “Compiler Design” K S R Institute for Engineering and Technology, Tiruchengode.	FDP	15.12.16 to 17.12.16
18	One day Power Seminar on “Establishing Goals and Priorities” in association with ICT Academy, K S R Institute for Engineering and Technology, Tiruchengode.	Seminar	28.01.2017

### Awards and Achievements

Name of the Award	Organization
Best Research Supervisor	Novel Research Academy, Puducherry
Best Administrator	The Institution of Engineers (India)
Best Supervisor	The Institution of Engineers (India)

### Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member
- Computer Society of India – Life Member

### Subject Links

#### Mobile Computing:

1. [Hidden Terminal Problem \(CSMA CA\) RTS-CTS Mechanism](#)
2. [Multiple Access Techniques in wireless networks](#)
3. [Discovery, Registration and Tunneling\(mobile IP\)](#)
4. [Mobile IP – Lecture PPT](#)
5. [DSR Protocol](#)

Name	Dr.M.VIMALADEVI			
Department & Designation	CSE & ASSOCIATE PROFESSOR			
Qualification	M.E., Ph.D.,			
Area of Specialization	DATA MINING			
Date of Joining (KSR IET)	03-06-2019			
Experience (as on 01.06.2021)	Teaching: 14 Years 10 months	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	11
Number of Papers Presented	National Conferences : 08		International Conferences : 01	
Books Published	National Publisher	03	International publisher	01
Contact Details	E Mail: vimal.vcet@gmail.com Mobile: 9965214142			

**GOOGLE SCOHOLAR LINK** -<https://scholar.google.com/citations?user=SdBTX-MAAAAJ>

**ORCID** - <https://orcid.org/0000-0002-0966-8950>

**WEBOFSCIENCE ID** - AAY-4940-2020

**PUBLONS LINK** - <https://publons.com/researcher/3884180/vimaladevi-muthusamy/>

#### **Publications (International Journals) : 11**

□ □ **Vimaladevi, M &Kalaavathi, B** 2014, „Microarray Gene Ranking Technique Based on Modified Successive Feature Selection Algorithm“, International Review on Computers and Software, vol. 9, no. 3, pp.592 – 598.

□ □ **Vimaladevi, M &Kalaavathi, B** 2014, „Feed-Forward Back Propagation Neural Network for Ranking Gene Expression Data“, International Journal of Applied Engineering Research ISSN 0973-4562, vol. 9, no. 21, pp. 11315-11325.

□ □ **Vimaladevi, M &Kalaavathi, B** 2014, „A microarray gene expression dataclassification using hybrid back propagation neural network“, International Journal - Genetika, vol. 46, no.3,pp.1013-1026.

□ □ **Vimaladevi, M &Kalaavathi, B** 2014, „Cancer Classification using Hybrid Fast Particle Swarm Optimization with Backpropagation Neural Network“, International Journal of Advanced Research in Computer and Communication Engineering, vol. 3, no. 11, pp. 8410 – 8414.

□ □ **Vimaladevi, M, Pavithra , Priyanga , M ,Yamunadevi, S** „LBP-Top Descriptor for Detecting Interesting Events in Crowded Environments“ Indian Journal of Innovations



and Developments, Vol 5, No 5 ,2016, pp. 1-8

□ □ **Vimaladevi, M ,Kiruba, B, Nivethitha, A**, ‘k-NN Classifier For Skin Cancer Classification’ International Journal on Computer Science and Engineering, Vol. 9 No. 1,2017, pp. 7-13.

□ □ **Vimaladevi, M , Nivethitha, A, Kiruba, B**, ‘Trust Based Energy Efficient Routing For Wireless Sensor Networks’ Imperial Journal of Interdisciplinary Research, Vol. 3, Issue 2,2017, pp. 271-274.

□ □ **Vimaladevi, M , Nivethitha, A, Kiruba, B**, ‘Segmentation of Handwritten Tamil Character from Palm Script using Histogram Approach’ International Journal of Informative & Futuristic Research, Vol. 4, Issue 5, 2017, pp. 6418-6424.

□ □ **Vimaladevi, M , Kiruba, B, Diksha Dorin.J , AL.S.Mangaiyarkarasi**, ‘Similarity Based Image Re-ranking using Support Vector Machine’, International Journal For Research & Development In Technology, Volume-9,Issue-4(Apr-18) ISSN (O) :- 2349-3585.

□ □ □ **Vimaladevi, M , Kiruba, B**, ‘Farm Monitoring and Controlling Based On Precision Agriculture’, International Journal of Recent Engineering Research and Development, Volume 03 – Issue 04 , April 2018,PP. 25-30,ISSN: 2455-8761.

□ □ □ **Vimaladevi, M, Sowmitha V, Prakasham, V**, ‘A Secured and Authorized SEEN Protocol for Mobile Multimedia Data Collection Scheme in WMSNs’, Journal of XI’AN University of Architecture & Technology, June 2020, PP. 422 -429, ISSN : 1006-7930.

#### **Publications (National Journals)**

**-Nil-**

#### **Publications (International Conferences)**

- Presented paper titled “Enhanced Text Clustering Using Seeds Affinity Propagation” in the First International Conference on Computational Intelligence and its Applications- (ICCIA 2012) on 01.03.2012 to 03.03.2012 at Vivekanandha Institute of Engineering & Technology For Women

#### **Publications (National Conferences)**

- Presented paper titled “Skin cancer classification using KNN Classifier”, in the National Conference“Ncact14 held on 06.03.2014 at Sasurie College of Engineering.
- Presented paper titled “Enhanced AHP Model for Classification of Medical Data” in the National Conference on Innovative Technologies in computer Science NITCOM“13 held on 15.03.2013 at Hindusthan Institute of Technology.
- Presented paper titled “Classification of TEXT by using Self-Constructing Feature” in the National Conference on INNOVATIONS IN COMPUTERS INFORMATION & COMMUNICATIONS NCICIC-2012 on cloud computing held at Sasurie College of

Engineering on 17.03.2012

- Presented paper titled “Multiple View Points Based Text Clustering Using Seeds Affinity Propagation” in the National Conference on NCICT-2012 on 10.02.2012 at Kongu Engineering College.
- Presented paper titled “Protected Storage Services in cloud data using the technique in the direction of Publicly Auditable” in the National Conference on COMPUTING AND COMMUNICATION TECHNOLOGIES N3CT - 2011 on 17.03.2011 at Surya Engineering College,Erode.
- Presented paper titled “Automatic Determination of Cluster count using Dark Block Extraction Technique” in the National Conference on COMPUTING AND COMMUNICATION TECHNOLOGIES N3CT - 2010 on 20.03.2010 at Surya Engineering College,Erode.
- Presented paper titled “Improved e-Brainstroming using Agent-Based Technique” in the National Conference on EMERGING TRENDS IN ADVANCED COMPUTING on 24.02.2009 at Sasurie College of Engineering
- Presented paper titled “Enhanced Semantic Ideation Learning for Agent-Based E-Brainstroming” in the 4 thNational Conference on ETICSE’09 Emerging Trends in Computer Science and Engineering on 20.02.2009 at K.S.Rangasamy College of Technology, Tiruchengode

**Books /Instruction materials/monographs published**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Problem Solving and Python Programming	Dr.M.Vimaladevi Ms.B.Kiruba	Lakshmi Publications, Chennai	978-93-83103-23-2
2	Compiler Design	Dr.M.Vimaladevi Ms.B.Kiruba M.Mohanasundari	Suchitra Publications	978-93-87670-73-0
3	Big Data Analytics	Dr.M.Vimaladevi Dr.S.Selvi Dr.V.Kavitha	Suchitra Publications	978-93-87670-74-7
4	Cryptography and Network Security	Dr. M.Vimaladevi Dr.S.Selvi Mr.V.Prakasham	Suchitra Publications	978-93-87670-78-6

**Book Chapters published**

S. No	Title of the Book	Author(s)	Title of the Chapter	Year of Publishing
1	Edge Computing and Computational Intelligence Paradigms for the IoT	Kavitha V. Vimaladevi M. Manavalasundaram V. K.	Intelligent Pest Control Using Internet of Things Design and Future Directions	DOI: 10.4018/978-1-5225-8555-8.ch011

#### Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	26.08.2016	27.08.2016	IoT – Trends and Challenges	ISRO, 25,000 /-
2.	16.08.2017	17.08.2017	Big Data Analytics	CSIR, 30,000 /-

#### Awards and Achievements

Name of the Award	Organization
Best Supervisor	The Institution of Engineers (India)
Best Faculty Advisor	The Institution of Engineers (India)

#### Membership in Professional Bodies

- ☐ Indian Society for Technical Education (ISTE) - Life Member (LM)
- ☐ International Association of Engineers (IAENG)
- ☐ Internet Society
- ☐ EUAgenda

#### Subject Links

##### COMPUTER NETWORKS

PHYSICAL COMPONENTS OF NETWORK - <https://www.youtube.com/watch?v=gVrXLq5E-CQ>

HIGH LEVEL DATA LINK LAYER - <https://www.youtube.com/watch?v=yOc8zh0Hlls>

OSI REFERENCE MODEL - [https://www.youtube.com/watch?v=vv4y\\_uOneC0](https://www.youtube.com/watch?v=vv4y_uOneC0)

DOMAIN NAME SYSTEM - <https://www.youtube.com/watch?v=JkEYOt08-rU>

FIREWALL CONFIGURATIONS - <https://www.youtube.com/watch?v=aUPoA3MSajU>

Name	DEEBIKA R			
Department & Designation	CSE & AP			
Qualification	M.E.,			
Area of Specialization	DATA MINING			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.06.2021)	Teaching:9	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	02
Number of Papers Presented	National Conferences : 03		International Conferences : 04	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:rdeebikame@gmail.com		Mobile:8940147774	

#### **Publications (International Journals)**


1. R.Deebika, D.Muthusankar, “Personalized Web Search by Mapping User Queries to Categories by Positive Preferences”, CiiT International Journal, ISSN 0974 – 9683 & Online: ISSN 0974 – 9578, 2012.
2. R.Deebika, D.Muthusankar, “Video Streaming Quality in Lossy Mesh Network”, International Journal of Computer Applications, ID: pxc3877431, 2012.

#### **Training Offered**

**-NIL-**

#### **Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member (LM 51640)**

Name	V.PRAKASHAM			
Designation & Department	ASSISTANT PROFESSOR & CSE			
Qualification	M.Tech			
Area of Specialization	COMPUTER SCIENCE			
Date of Joining (KSR IET)	02-06-2014			
Experience (as on 01.06.2021)	Teaching:13 years	Industry:00	Others: 00	
Number of Papers Published	National Journals : 01		International Journals 02	
Number of Papers Presented	National Conferences : 02		International Conferences : 02	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: vprakashamcse@gmail.com		Mobile : 9965190985	

### **Publications (International Journals)**

1. Published a journal paper „**On Demand Security For Personal Health Record in Cloud Computing**’ in a **Journal of Computer Science and Applications**. ISSN 2231-1270 Volume 7, Number 1 (2015), pp.21-28 © International Research Publication House.
2. V.Gopinath, V.Sowmitha, V.Prakasham, and R.Sathyapriya “Secured Robustness Optimization Scheme with Multi-Population Co-Evolution for Distributed Wireless Sensor Networks” International Journal of Engineering Science and Computing, Volume 10, Issue No:4, ISSN 2321 3361, 2020
3. Prakashma.V, Sowmitha.V, and Vimala Devi.M "A Secured and Authorized SEEN Protocol for Mobile Multimedia Data Collection Scheme in WMSNs" in Journal of Xi'an University of Architecture & Technology ISSN No : 1006-7930 Volume XII, Issue VI, 2020

**Publications (International Conferences)**

1. Presented a paper entitled “On Demand Security For Personal Health Record In Cloud Computing” in **International Conference** at Kalaignar karunanidhi Institute of Technology, Coimbatore.

**Publications (National Conferences)**

1. Presented a paper entitled „Time Domain Attribute Based Access Control for Cloud Based Content Sharing: A Cryptographic Approach“ in National Conference at Rajiv Gandhi College of Engineering, Chennai.
2. Presented a paper entitled „A Multi Processor Architecture on Semantic Networks i Artificial Intelligence“ in National Conference at C.Abdul Hakeem College o Engineering, Vellore.

**LIST OF TRAINING PROGRAMMES ATTENDED**

S.No	Name of the Programme	Period
1.	Attended FDP on „High Impact Teaching Skills“ Conducted by „DAL Carnegie Corporation Private Limited“ at Pallavan College of Engineering	11.06.2013 to 14.06.2013
2.	Attended FDP for the subject of “Compiler Design” at University College of Engineering	08.07.13 to 15.17.2013
3.	Hands on FDP “Introduction to PHP Programming” conducted by ICT Academy	27.09.2018 to 28.09.2018
4.	Attended webinar on “Exploring Outcome Based Education (OBE) And NBA Process” at Knowledge Institute of Technology	07.05.2020 to 13.05.2020
5.	Attended webinar on “Building Decision Trees from Scratch using Python”, at Codegnan IT Solutions OPC PVT Ltd	9 <sup>th</sup> May 2020
6.	FDP on ATAL “Data Science” at IIT Nagpur	11.05.2020 to 15.05.2020
7.	Attended webinar on “Teaching Learning Tools For The Digital Era” at Sree Ramakrishna College of Arts & Science for Women	11.05.2020 to 16.05.2020
8.	Attended webinar on “Python For Data Science” at Vivekanandha College of Technology for Women	12 <sup>th</sup> May 2020
9.	Attended webinar on “Data Visualization with R Programming”, at Vignan’s Nirula Institute of Technology and Science for Women	15 <sup>th</sup> May 2020
10.	FDP on “Cyber Security”, at Swarnandhra College Of Engineering & Technolog	15.05.2020 to 16.05.2020
11.	Hands on FDP on “Data Science Using Python” at Jeppiaar Institute of Technology.	18.05.2020 to 22.05.2020
12.	Attended webinar on “Intellectual Property Rights For Engineers” at Kings Engineering College	22 <sup>nd</sup> May 2020
13.	Webinar on “Artificial Intelligence & Machine Learning using Python” at Sengunthar College of Engineering	22 <sup>nd</sup> May 2020
14.	Webinar on “Skill set for Effective Classroom Teaching” at R.M.K.Engineering College	23 <sup>rd</sup> May 2020
15.	FDP on “Disruptive Technology” at St.Peter's Engineering College	26.05.2020 to 30.05.2020
16.	FDP on “VIRTUAL TEACHING - Learning MOODLE the Efficient way”, at Dr.M.G.R.Educational and Research Institute	29.05.2020 to 30.05.2020

Name of the Award	Organization
Best Supervisor	The Institution of Engineers (India)


### Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)
- Member in International Association of Engineers –Membership Number (128945)

Subject Links

1. Control System,

[Webpage Link](#)

Name	V.GOPINATH			
Designation & Department	ASSISTANT PROFESSOR & COMPUTER SCIENCE AND ENGINEERING			
Qualification	M.E.			
Area of Specialization	COMPUTER NETWORKS			
Date of Joining (KSR IET)	02-06-2014			
Experience (as on 01.06.2021)	Teaching:07 Years	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	04
Number of Papers Presented	National Conferences : 01		International Conferences : 02	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: gopicse24@gmail.com		Mobile: 9842680244	

#### **Publications (International Journals)**

1. V.Gopinath,C.Anand and R.K.Gnanamurthy” **A Novel Approach for Obstruct DDOS Attacks with Adaptive Selective Verification Protocol**”, **International Journal of Advanced Research in Computer Science and Software Engineering**, Volume 3, Issue 11, ISSN: 2277 128X, pp.1299-1301, November 2013.
2. V.Gopinath and C.Anand.” **An Efficient Approach to Block DDoS Attacks Using Adaptive Selective Verification Protocol**”, **International Journal of Computer Science and Information Technologies**, Vol. 5 (2) , pp.1349-1351,2014.
3. V.Gopinath , V.Anguprakash, K.Jenitha, M.Rakul and P.Anbhuckarasi. “**Web Portal hierarchical structure of Geospatial Field Data**”, **International Journal of Innovative Research in Science, Engineering and Technology**,Vol.7, Issue 3,ISSN online:2319-8753, March 2018
4. V.Gopinath, V.Sowmitha, V.Prakasham, and R.Sathyapriya “**Secured Robustness Optimization Scheme with Multi-Population Co-Evolution for Distributed Wireless Sensor Networks**” **International Journal of Engineering Science and Computing**, Volume 10, Issue No:4, ISSN 2321 3361, 2020

#### **Publications (International Conferences)**



1. Gopinath.V, “**An Interactive Web Portal for Effective Management System**”, International Conference on Innovation in Science, Engineering and Technology for Sustainable development (ISETSD-2018), 30 & 31<sup>st</sup> March 2018.
2. Gopinath.V “**Multi-Vendor Ecommerce Website**”, International conference on Data Science and Big Data analytics for Sustainability,(ICDSBD), 22<sup>nd</sup> February 2020

#### **Publications (National Conferences)**

1. Presented a paper in National conference on the title “**Spatial Temporal Behaviors for Wireless Sensor Networks Using Hybrid Optimization Protocol**” at St. Xavier’s Catholic college of Engineering, Nagercoil.

#### **LIST OF TRAINING PROGRAMMES ATTENDED**

<b>S.No</b>	<b>Name of the Programme</b>	<b>Period</b>
<b>1.</b>	Participated in Train the Trainer program in IVS Testing at Virtusa Hyderabad campus	11.06.2018 to 22.06.2018
<b>2.</b>	Hands on FDP “Introduction to PHP Programming” conducted by ICT Academy	27.09.18 to 28.09.2018
<b>3.</b>	Attended webinar on “ICT Application in Teaching and Learning”, at Colombo Plan Staff College	22 <sup>nd</sup> April 2020
<b>4.</b>	Attended webinar on “Teacher to Educational Leader”, at Colombo Plan Staff College	23 <sup>rd</sup> April 2020
<b>5.</b>	Attended AICTE online course on “ Examination Reforms ”	29.04.2020 to 02.05.2020
<b>6.</b>	Attended webinar on “Intellectual Property Rights( A Cutting Edge in today’s world) at Excel college of Engineering and Technology	5 <sup>th</sup> May 2020
<b>7.</b>	Attended webinar on “Green Energy” at Excel college of Engineering and Technology	6 <sup>th</sup> May 2020
<b>8.</b>	Attended webinar on “Research Publications, Process, Credentials and Outcomes” at Baba Institute of Technology & Sciences	9 <sup>th</sup> May 2020
<b>9.</b>	FDP on ATAL “Data Science” at IIT Nagpur	11.05.2020 to 15.05.2020
<b>10.</b>	FDP on “Scope of Artificial Intelligence and Machine Learning in Automation” at Velalar College of Engineering and Technology	11.05.2020 to 17.05.2020
<b>11.</b>	Attended webinar on “Data Visualization with R Programming”, at Vignan's Nirula Institute of Technology and Science for Women	15 <sup>th</sup> May 2020
<b>12.</b>	Hands on FDP on “Data Science Using Python” at Jeppiaar Institute of Technology.	18.05.2020 to 22.05.2020
<b>13.</b>	FDP on “Cloud Computing” at Mahendra Engineering College	18.05.2020 to 20.05.2020
<b>14.</b>	FDP on “Disruptive Technology” at St.Peter's Engineering College	26.05.2020 to 30.05.2020
<b>15.</b>	Webinar on "Conversational Bot Design", IETE-Mumbai in Association with PANTECH	30 <sup>th</sup> May 2020


## **LIST OF PROGRAMMES ORGANISED**

<b>S.No</b>	<b>Name of the Programme Organised</b>	<b>DATE</b>
<b>1.</b>	Guest Lecture on “Database Management Systems”	<b>14.02.2020</b>

### **Membership in Professional**

#### **Bodies**

- ☐ **Indian Society for Technical Education (ISTE)**

Name	V.SOWMITHA			
Designation & Department	ASSISTANT PROFESSOR & COMPUTER SCIENCE AND ENGINEERING			
Qualification	M.E			
Area of Specialization	WIRELESS SENSOR NETWORKS			
Date of Joining (KSR IET)	03-06-2019			
Experience (as on 01.06.2021)	Teaching: 2 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00 International Journals: 04			
Number of Papers Presented	National Conferences : 02 International Conferences : 03			
Books Published	National Publisher : 00 International publisher 00			
Contact Details	E Mail: sowmitha002@gmail.com Mobile: 9865545759			

#### **Publications (International Journals)**

- ☐ Sowmitha.V, Senthilkumar.V “A Cluster Based Weighted Rendezvous Planning for Efficient Mobile-Sink Path Selection in WSN”IJSRD International Journal for Scientific Research & Development, Volume 2, Issue 11, January 2015,pp.no 514-517
- ☐ Sowmitha.V, Senthilkumar.V “Ant Colony Algorithm for Optimal Mobile-Sinks Path Selection in Heterogeneous WSN”IJAER International Journal of Applied Engineering Research, Volume 10,Issue 9,April 2015,pp.no 7150-7153
- ☐ Sowmitha.V, Prakashma.V, Gopinath.V and R.Sathyapriya "Secured Robustness Optimization Scheme with Multi-Population Co-Evolution for Distributed Wireless Sensor Networks" in Journal of IJESC ISSN 2321 3361 Vol 10, Issue 4, 2020pp.no 722-731
- ☐ Prakasham.V, Sowmitha.V, and Vimala Devi.M "A Secured and Authorized SEEN Protocol for Mobile Multimedia Data Collection Scheme in WMSNs" in Journal of Xi'an University of Architecture & Technology ISSN No : 1006-7930 Volume XII, Issue VI, 2020

**Publications (International Conferences)**

- Sowmitha.V, Nithya.P, Suguna.K, Kanagaraju.P“Projective Clustering for Outlier Detection in Non-axis Aligned Subspace”in the International Conference ICICIC’13 held on January9,10 and 11 at Sasurie College of Engineering, Tamilnadu, India
- Sowmitha.V, Senthilkumar.V “A Cluster Based Weighted Rendezvous Planning for Efficient Mobile-Sink Path Selection in WSN”in the International Conference ICSEE’15 held on March 4 at Surya Engineering College, Tamilnadu, India
- Sowmitha.V, Senthilkumar.V “Ant Colony Algorithm for Optimal Mobile-Sinks Path Selection in Heterogeneous WSN”in the International Conference ICETS’15 held on March 5 and 6 at Muthayammal College of Engineering, Tamilnadu, India

**Publications (National Conferences)**

- Sowmitha.V, Pavithra.S “Biometrics In Secure E-Transaction” NCCINS’12 Org. by Vivekanandha College of Engineering For Women, held on 15<sup>th</sup>February 2012
- Sowmitha.V, “Energy Efficient Routing in Wireless Sensor Networks” NCRIICT’14 Org.by K.S.Rangasamy College of Technology, held on 13<sup>th</sup>March 2014

**Training Offered****LIST OF TRAINING PROGRAMMES ATTENDED**

S.No	Name of the Programme	Period
1.	FDP on “Rural Immersion camp” at K.S.Rangasamy College of Technology,Tiruchengode	19/08/2019 to 23/08/2019
2.	FDP on” Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes” at KSR Institute for Engineering and Technology - Tiruchengode	19/11/2019 to 21/11/2019
3.	FDP on ATAL “Internet of Things (IoT)” at National Institute Of Technical Teachers Training And Research, Chandigarh	15/04/2020 to 19/04/2020
4.	Attended training on “ Advanced Java programming” Aaron Technologies,salem	20/04/2020 to 27/04/2020
5.	FDP on ”Cyber Security “ at Swarnandhra College Of Engineering & Technology	15/05/2020 to 16/05/2020
6.	Attended workshop on “ Two-Day Online Industry Led Training on Amazon Web Services (AWS)” at R.M.K. Engineering College ,Andra pradesh	04/06/2020 to 05/06/2020
7.	FDP on ”Applications of IoT” at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	06/05/2020

Name	Mrs.S.Vimala			
Department & Designation	Assistant Professor / CSE			
Qualification	B.Tech.,M.E.,			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	08.01.2020			
Experience (as on 01.06.2020)	Teaching:11	Industry:-	Others: -	
Number of Papers Published	National Journals : -		International Journals :-	
Number of Papers Presented	National Conferences : 01		International Conferences : 02	
Books Published	National Publisher : -		International publisher : 00	
Contact Details	E Mail: <a href="mailto:jk.vims@ksriet.ac.in">jk.vims@ksriet.ac.in</a>		Mobile:9865982862	

#### **Publications (National & International Conferences)**

1. S.Vimala “Efficient Cache Replacement Techniques Based on Information Density over Wireless Adhoc Networks “,International Conference on Advanced Computing Machines and Embedded Technology , JKKN College of Engineering & Technology, ICACT2013.
2. S.Vimala “Mining Association Rules in Long Sequences”, National Conference on Information Computational Algorithms & their Applications, Selvam College of Technology.

#### **LIST OF TRAINING PROGRAMMES ATTENDED**

<b>S.No</b>	<b>Programme Name</b>	<b>Period</b>	<b>No. of days</b>
1	National Seminar on “Research Perspectives in Computer Science” at Selvam College of technolo	17.09.2011	1
2	Workshop (MHRD) on “Introduction to Design of Algorithms” Conducted by IIT Kharagpur.	24.05.2015 to 30.05.2015	7 Days

<b>3</b>	Workshop (ISTE STTP) on “Pedagogy for Effective use of ICT in Engineering Education” Conducted by IIT Bombay.	22.01.2015 to 31.01.2015	10 Days
<b>4</b>	Faculty Development Programme (ICTACT) on “People Empowering People – Level2” at Selvam College of Technology.	29.06.2015 to 30.06.2015	2 Days
<b>5</b>	Workshop (ISTE STTP) on “Environmental Studies” Conducted by IIT Bombay.	02.05.2015 To 12.05.2015	Two week

#### **LIST OF PROGRAMMES ORGANIZED**

<b>S.No</b>	<b>Programme Name</b>	<b>Period</b>	<b>No. of days</b>
1	Workshop on “Software Testing Tools”, Selvam College of Technology	27.08.2014 to 28.08.2014	2
2	Value Added Course on “Adobe Photoshop @Adobe Flash Player”, Selvam College of Technology	22.12.2014 to 24.12.2014	2

Name	VINOTH K			
Designation & Department	Assistant Professor & Computer Science and Engineering			
Qualification	M.E.,			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	01-06-2020			
Experience (as on 01. 06.2021 )	Teaching: 6 .5 Years	Industry:00	Others: 00	
Number of Papers Published	National Journals      00	International Journals      00		
Number of Papers Presented	National Conferences : 02	International Conferences : 02		
Books Published	National Publisher      00	International publisher      00		
Contact Details	E Mail: <a href="mailto:kvinothcse85@gmail.com">kvinothcse85@gmail.com</a> Mobile: +91-9003189007			

**Publications (International & National Journals) : NIL Publications (International Conferences)**

1. Presented a paper entitled as “*Mining Unstructured Data*” in International Conference on electrical, electronics & engineering at Nehru Institute of Engineering and Technology, Coimbatore.
2. Presented a paper entitled as “*Performance Comparison for Mobile IP Networks Using Mobility Management Approaches*” in 2<sup>nd</sup> International Conference at VIT University, Vellore.


**Publications (National Conferences)**

2. Presented a paper entitled as “*Performance Comparison for Mobile IP Networks Using Mobility Management Approaches*” in 4<sup>th</sup> National Conference at Bannari Amman Institute of Technology, Erode.
3. Presented a paper entitled as “*An Effective Method for Data Protection Using Closeness Approach*” in the 1<sup>st</sup> National Conference held at Ranganathan Engineering College, Coimbatore.

## LIST OF TRAINING PROGRAMMES ATTENDED

1. Attended National level workshop on “*Theory of Computation*” conducted by KPR Institute of Technology, Coimbatore.
2. Attended National level workshop on “*Big Data Insights*” conducted by Sona College of Technology, Salem.
3. Participated in the *NPTEL workshop* organized by IIT Madras at Sri Krishna College of Technology, Coimbatore.
4. Participated in the Faculty Development Programme on *Instructional Design and Delivery System* at Sri Krishna College of Technology, Coimbatore.
5. Participated in Two Days National Workshop on “*Next Generation Networks and Its Applications for Green Computing*” at Anna University of Technology, Coimbatore.



Name	BOOBALAN.M			
Department & Designation	CSE & ASSISTANT PROFESSOR			
Qualification	M.E.,			
Area of Specialization	COMPUTER NETWORKS			
Date of Joining (KSR IET)	02-08-2021			
Experience (as on 01.06.2021)	Teaching:5	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher	00	International publisher	00
Contact Details	EMail:boobalan@ksriet.ac.in		Mobile:7667777017	

**Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	03-01-2022	08-01-2022	STTP on Cyber Security: Challenges and Technologies-	-
2.	10-02-2022	12-02-2022	National Workshop on Applications of Deep learning in Computer Vision	

Name	A.SUHANA			
Department & Designation	Dept of Computer Science Engineering & Assistant Professor			
Qualification	B.E.,M.Tech.,			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	11-08-2021			
Experience (as on)	Teaching:3 Years & 2 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 01	
Number of Papers Presented	National Conferences : 00		International Conferences : 01	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: <a href="mailto:suhana.ksr2021@ksriet.ac.in">suhana.ksr2021@ksriet.ac.in</a>		Mobile:9677384870	

#### **Publications (International Journals)**


1. Suhana A, HajMeeral M and Manikandan R “Snippet Search System in Android Environment using Vector Based Ranking Model” IJMTE International Journal of Management Technology and Engineering ,Volume 9,Issue III, March 2019

#### **Publications (International Conferences)**

1. Suhana A, Priya M and Yogalakshmi R “Metaheuristic Approach for maximizing the lifetime of Hetrogenous Wireless Sensor Networks” in the International Conference in Innovative Computing and Information Processing held on March 29,30,31 at Mahendra Engineering College, Tamilnadu

**LIST OF TRAINING PROGRAMMES ATTENDED**

<b>S.No.</b>	<b>Programme Name</b>	<b>Period</b>	<b>No. of days</b>
1.	Attended workshop on “one day workshop on SPSS” at The Quaide Milleth College For Men, Chennai	06.01.18	01
2.	Participated in workshop on “one day workshop on Linux” at B.S.Abdur Rahman University, Chennai	01.09.12	01
3.	Undergone training on “Infosys Campus Connect Life Skills Program” at Mahendra Engineering College, Mallasamudram	09.09.11	01
4.	Attended training in “Fundamentals of Telecommunications” at Bharat Sanchar Nigam Limited, Salem	06.12.10 to 10.12.10	05
5.	Attended Training on “Automation Testing and live Project at MNC” at ISTQ Solutions Pvt. Ltd, Bangalore	03.06.10 to 07.06.10	05
6.	Attended workshop on “Power of C” at Mahendra Engineering College , Mallasamudram	03.03.10	01

Name	C.MAHAVISHNU			
Department & Designation	Assistant Professor/ CSE			
Qualification	B.Tech.,M.Tech.			
Area of Specialization	Information Technology			
Date of Joining (KSR IET)	18-08-2021			
Experience (as on)	Teaching:5.5	Industry:00	Others: 00	
Number of PapersPublished	National Journals : 00		International Journals : 00	
Number of PapersPresented	National Conferences : 02		International Conferences : 03	
Books Published	National Publisher : 00		Internationalpublisher : 00	
Contact Details	E Mail:mahavishnu.c@gmail.com		Mobile:9629039155	

### Publications (International Conferences)

1. Presented a project paper titled *“compromised node detection and revocation in wireless sensor network using sequential hypothesis testing”* in International Conference, Sasurie college of Engineering, Erode.
2. Presented a paper titled *“key management in the cooperative groups for secure transmission of data”* in international conference on trends in Engineering (ICMAE’14), Tamizhan college of Engineering and Technology, Kanyakumari.
- 3.

### Publications (National Conferences)

1. Presented a project paper titled *“compromised node detection and revocation in wireless sensor network using sequential hypothesis testing”* in National conference, Vellammal Engineering College, Chennai.
2. Presented a paper titled *“Improving MAPREDUCE jobs by using metadata”* in national conference on networking, intelligence and computing in Engineering (NCNIC’19), Kongu Engineering and Technology, Erode


### LIST OF TRAINING PROGRAMMES ATTENDED

1. Two Days National Level Workshop on Networking, Sudharsan Engineering College.
2. Presented a paper titled “Mobile Computing” in technical symposium.
3. Two Days National Level Workshop on Network and Security, Anna University, Chennai.
4. Attended a Faculty development Programme in Muthayammal Engineering College, Namakkal.

5. Attended a Faculty development Programme on Data science and Big Data Analytics at Vivekanandha college of Engineering for Women, Tiruchengode.

#### **Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - LifeMember**

Name	Mrs.P.NITHYA			
Department & Designation	Assistant Professor/ CSE			
Qualification	B.E.,M.E.,			
Area of Specialization	Computer Science and Engineering			
Date of Joining (KSR IET)	01-12-2021			
Experience (as on)	Teaching:2	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 04	
Number of Papers Presented	National Conferences : 01		International Conferences : 01	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: <u><a href="mailto:pnithyacse@ksriet.ac.in">pnithyacse@ksriet.ac.in</a></u>		Mobile:9629126875	

#### **Publications (International Journals)**

1. P.Nithya, “Encrypting Details with Security of Medical Information in Cloud Computing”,IJIRCCE: International Journal of Innovative Research in Computer and Communication Engineering.
2. P.Nithya, “Preserve Privacy Data Using sTile Method”,IJIRETC : International Journal of Innovative Research in Engineering, Technology and Science.
3. P.Nithya, “Encrypting Details with Security of Medical Information in Cloud Computing”, IJIRCCE: International Journal of Innovative Research in Computer and Communication Engineering, Volume 9, Issue 3, March 2021.
4. P.Nithya, “Personalized Diet System Based on Food Recognition Using Deep Learning Algorithm”, IRJMETs: International Research Journal of Modernization in Engineering, Technology and Science, Volume 3, Issue 4, April 2021.

#### **Publications (International Conferences)**


- 1 P.Nithya, “Preserve Privacy Data Using sTile Method” International Conference on Engineering, Technology and Science (ICETS'14) in Muthayammal College of Engineering.

### **Publications (National Conferences)**

1. P.Nithya, “Encrypting Details with Security of Medical Information in Cloud Computing”, National Conference on Innovation and Technology in Computer Science (NCITSCS’14) in Mahendra Engineering College for Women.

### **LIST OF TRAINING PROGRAMMES ATTENDED**

1. Attended Workshop on ETHICAL HACKING(aBaCUS’10) held in Anna University, Chennai.
2. Attended Workshop on CLOUD COMPUTING(ATCC’13) held in Shanmugha College of Engineering and Technology.
3. Attended Webinar on AUGMENTING SECURITY THROUGH INTELLIGENCE held in Sona College of Engineering on 26<sup>th</sup> June 2020.
4. Attended Webinar on PYTHON PROGRAMMING : A PRACTICAL APPROACH held in University College of Engineering – BIT Campus on 12<sup>th</sup> June 2020.
5. Attended Faculty Development Program on AUGMENTED REALITY(AR)/VIRTUAL REALITY(VR) from 07-12-2020 to 11-12-2020 at Velalar College of Engineering and Technology.
6. Attended Workshop on APPLICATIONS OF DEEP LEARNING IN COMPUTER VISION from 10-02-2022 to 12-02-2022 at Sri Sivasubramaniya Nadar College of Engineering.

Name	ANISPREMKOILRAJ P			
Department & Designation	CSE & AP			
Qualification	M.E.,			
Area of Specialization	PROGRAMMING LANGUAGES			
Date of Joining (KSR IET)	05-01-2022			
Experience (as on 05.01.2021)	Teaching:0	Industry:00	Others: 00	
Number of Papers Published	National Journals	01	International Journals	01
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher	00	International publisher	00
Contact Details	EMail:anispremkoilraj@gmail.com		Mobile:6380963155	

#### **Publications (International Journals)**

1. Anispremkoilraj P , Dr.A.Rajiv Kannan , Dr.V.Vennila , Dr.V.Sharmila ,Mrs.S.Savitha “A Survey on Personalized Market Basket Prediction using TARS Based Predictor”, International Journal of Innovative Research in Computer and Communication Engineering, e-ISSN: 2320-9801, p-ISSN: 2320-9798  
www.ijircce.com Impact Factor: 7.488 Volume 8, Issue 12, December 2020 .


#### **Publications (National Journals)**

1. Anispremkoilraj P , Dr.A.Rajiv Kannan , Dr.V.Vennila , Dr.V.Sharmila ,Mrs.S.Savitha “Personalized Market Basket Prediction Turkish Online Journal of Qualitative Inquiry (TOJQI), ISSN:2485- 2493, Volume 12, Issue 3, July 2021.

#### **LIST OF TRAINING PROGRAMMES ATTENDED**

- Attended Workshop on APPLICATIONS OF DEEP LEARNING IN COMPUTER VISION from 10-02-2022 to 12-02-2022 at Sri Sivasubramaniya Nadar College of Engineering.



Name	Dr.J.C.KANNAN			
Designation & Department	Director-Student Affairs and S & H Professor, Department of Physics			
Qualification	M.Sc., M.Phil., M.Ed.,MISTE Ph.D			
Area of Specialization	ELECTRONICS, THIN FILMS, NANOMATERIALS , NANO TECHNOLOGY			
Date of Joining (KSR IET)	02.07.2011			
Experience (as on 01.06.2020)	Teaching:27 years & 06 months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 13	
Number of Papers Presented	National Conferences : 01		International Conferences : 03	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: vasikanna@gmail Mobile: 9842803325			

#### **Publications (Journals)**

1. R. Manjula Devi , P. Murugesan , M. Venkatesan , P. Keerthika a , K. Sudha , **J.C. Kannan** Development of MLP-ANN model to predict the Nusselt number of plain swirl tapes fixed in a counter flow heat exchanger, in press Accepted **26 April 2021**
2. P.Malarkodi1, **J.C. Kannan** “Microwave assisted Synthesis and Characterization of Cu<sup>2+</sup> doped ZnO Nano particles” Pharm Tech Research CODEN (USA): IJPRIF, ISSN:0974-4304 Vol.9, No.3, **pp 393-399, 2016**
3. P.Malarkodi, **J.C. Kannan** “Structural and optical properties of Zn<sub>x</sub>Cd<sub>1-x</sub> O nano particles” International Journal of Chem Tech Research CODEN (USA): IJCRGG ISSN: 0974-4290 Vol.8, No.12 **pp 522-529, 2015**
4. A.Srithar, J.C.Kannan, T.S.Senthil “Structural and optical properties of Mg doped ZnO and its antibacterial Applications ” Journal of Advances in Chemistry , ISSN : 2321 – 807X, Volume 12, Number 17.
5. A.Srithar, J.C.Kannan, T.S.Senthil “Synthesis, structural and optical properties of Mn doped ZnO nanoparticles and their antibacterial application” ” Journal of Advances in Chemistry , ISSN : 2321 – 807X, Volume 12, Number 12.
6. N. Srinivasan.**J. C. Kannan** and S. Satheeskumar “Antifungal activity of pure and aluminium doped zinc oxide nano particles against aspergillus nigar and aspergillus flavus” International Journal of Pharm Tech Research CODEN (USA): IJPRIF, ISSN:0974-4304 Vol.7, No.2, pp 287-290, 2014-2015
7. N. Srinivasan **J. C. Kannan** and S. Satheeskumar “Examination of antibacterial properties of pure and aluminum doped zinc oxide nano particles” **International Journal**

8. N. SRINIVASAN, J.C. KANNAN “Investigation on room temperature Photoluminescence of pure and aluminum doped zinc oxide nanoparticles” **Materials Science-Poland**, 33(1), 2015, pp. 205-212 <http://www.materialsscience.pwr.wroc.pl/> DOI: 10.1515/msp-2015-0021.
9. N. Rajesh, J.C Kannan, G. Neri, T. Krishnakumar, “Sensing behavior to ethanol of tin oxide nanoparticles prepared by microwave synthesis with different irradiation time”, *Sensor and Actuators B: Chemical*, Vol.194 pp.96-104, 2014.
10. N. Rajesh, J.C Kannan, G. Neri, T. Krishnakumar, “Microwave irradiation effect on structural, optical and thermal properties of Cadmium oxide nanostructures”, *Acta Physica, Polonica. A*, Vol.125, pp.1117-1123, 2014.
11. N. Rajesh, J.C. Kannan, S.G. Leonardi, G. Neri, T. Krishnakumar, “Investigation of CdO nanostructures synthesized by microwave-assisted irradiation technique for NO<sub>2</sub> detection”, *Journal of Alloy and Compounds*, Vol. 607, pp.54-60, 2014.
12. K.R.Murali, C.Kannan,P.K.Subramanian “Photo –Electrochemical properties of flasf evaporated cadmium sulphide films” *Chalcogenides Letters*, Vol, 5, No.9, September 2008,p.195-199
13. K.R.Murali ,P.Thirumoorthy, C.Kannan,V.Sengodan “Pulse plated CdS<sub>X</sub>Te<sub>1-x</sub> films and their properties” *Science Direct ELSEVIER*, SE2116 21 JULY 2008 no of pages

#### Books /Instruction materials/monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Engineering physics - II	Dr.J.C.Kannan	R.K.Publisher Coimbatore	2013
2.	Engineering Physics – I	Dr.J.C.Kannan	SCM Publisher ERODE	2016
3.	Engineering Physics	Dr.J.C.Kannan Dr.V.Devabharathhi Dr.D.Madhan	Charulatha publication Chennai	
				2019


#### Membership in Professional Bodies

Indian Society for Technical Education (ISTE) - Life Member

Name	S SELVARASU			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil.,			
Area of Specialization	Oscillatory and Asymptotic Behaviour of Solutions of Difference Equations			
Date of Joining (KSR IET)	03.06.2019			
Experience (as on 01.06.2020)	Teaching: 9 years 10 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 00	
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: rasuselvarasu1985@ksriet.ac.in			Mobile: 9976979700

**Membership in Professional Bodies:**

MISTE

<b>Name</b>	S BHUVANESHWARI			
<b>Department &amp; Designation</b>	Assistant Professor/ MATHEMATICS			
<b>Qualification</b>	MSc.,M.PHIL			
<b>Area of Specialization</b>	Mathematics			
<b>Date of Joining (KSR IET)</b>	1-11-2021			
<b>Experience (as on)</b>	Teaching:5	Industry:00	Others: 00	
<b>Number of PapersPublished</b>	National Journals : 00		International Journals : 00	
<b>Number of PapersPresented</b>	National Conferences :		International Conferences :	
<b>Books Published</b>	National Publisher : 00		Internationalpublisher : 00	
<b>Contact Details</b>	E Mail: bhuvimaths86@ksriet.ac.in		Mobile: 9787840935	

## EEE DEPARTMENT

Name	Dr.R.Jeyabharath			
Department	EEE			
Qualification	B.E.,M.E.,Ph.D			
Area of Specialization	Special Machines, Embedded System			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 31.05.2020)	Teaching:17 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	36
Number of Papers Presented	National Conferences : 04		International Conferences : 16	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:jeya_psg@rediffmail.com Mobile:9894913159			

### Publications (International Journals)

1. Veena P, Indragandhi V, Jeyabharath R,(2014) “ Review of grid integrationschemes for renewable power generation system” International journal of renewable and sustainable energy reviews , Elsevier publishers, pp 628- 641
2. P.Veena, V.Indragandhi, R.Jeyabharath, (2013)“An Interleaved Soft Switching Boost Converter with Bidirectional Full Bridge Inverter for Photovoltaic power generation” Research Journal of Applied Sciences, Engineering & Technology, Vol. 6. No. 22, pp.4204-4210, 2013
3. V.Indragandhi, P.Veena, R.Jeyabharath, (2013), “Photo Voltaic Power Generation using Interleaved soft Switching Boost Converter- cascaded H-Bridge Inverter” International Review of Modeling and Simulations, Vol. 6. No. 2, pp. 329-335, 2013.
4. Manojkumar P, Veena Parasunath & Jeyabharath Rajaiah,(2019) „Sustainable development of universal electronic control unit for fuel saving in automobiles to

protect the environment pollution”, Journal of electrical Engineering, Vol 19, No.2 pp.152-164

5. Ravivarman, S, Jeyabharath, R & Veena P 2016, „Analysis and Design of Single Switch Hybrid Step-up Converter”, Circuits and Systems, vol. 7, no. 4, pp. 211-221.
6. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up boost converter integrated with voltage multiplier cell”, International Journal of Innovations in Engineering and Technology, vol. 7, no. 1, pp. 626-632.
7. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up hybrid dc-dc converter with reduced voltage stress for renewable energy applications”, World Applied Sciences Journal, vol. 34, no. 7, pp. 871-877.
8. Jeyabharath Rajaiah, Velmurugan Ramar & Veena Parasunath 2016, „Harmonic Minimization in Seven-Level Cascaded Multilevel Inverter Using Evolutionary Algorithm”, Circuits And Systems, Scientific research publishing, vol. 7, no. 9, 19th July 2016, pp. 2309-2322. (ISSN 2153-1285) (Updated list of Journals 2016).
9. Jeyabharath, R, Velmurugan, V R. & Veena, P 2016, „Harmonic minimization in seven level cascaded multilevel inverter using Selective Harmonic Elimination PWM Technique”, Circuits And Systems, Scientific research publishing. (Accepted)
10. Srihari.T, Dr.Jeyabharath.R, Dr.P.Veena, “Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor”, Advances in Natural and Applied Sciences, Vol. 10, Issue 5, pp.6-14, June 2016, ISSN: 1995- 0772.
11. Srihari.T, Dr.Jeyabharath.R, Dr.P.Veena, “ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive ”, Circuits and Systems, Vol. 7, pp. 2940-2947, May 2016, ISSN: 2153-1285.
12. N. Arulmurugaselvi, Dr. R. Jeyabharath, Dr. P. Veena, “An Efficient Feature Selection And Fuzzy Neuralnetwork With Content Based Image Retrieval To Diagnosis Mammogram Breast Cancer”, International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 3, December 2016 (1631-1645).
13. Arulmurugaselvi.N., Jeyabharath.R., Veena.P, “Content Based Mammogram Image Retrieval Using Particle Swarm Optimization And Hybrid Classifier”, Asian Journal Of Research In Social Sciences And Humanities, Asian Research Consortium. (Accepted)
14. P. M. Dhanasekaran, Parasunath Veena, Rajaiah Jeyabharath, “New DCM Operated Single Phase Bridgeless Cuk Derived Converters for Power Factor Correction”, Journal of Circuits and Systems, 2016, 7, 2176-2188, DOI : 10.4236/cs.2016.79189
15. P. M. Dhanasekaran, R. Balamurugan, P. Veena, “ New Single Phase Bridgeless CUK Converter Topology for Power Factor Enhancement Based on Fuzzy Logic Control” Journal of Circuits, Systems, and Computers Vol. 24, No. 7 (2015). DOI: 10.1142/S0218126615501029
16. P.M.Dhanasekaran, P.Veena, R.Jeyabharath, “Improved Power Factor Correction for BLDC Drive Using Fuzzy Logic Controller”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 7, July 2016, DOI:10.15680/IJIRSET.2016.0507133.
17. Kulandaivel Velusamy, Veena Prasunath and Jeyabharath Rajaiah, 2016. “Fuzzy Controlled Bridgeless Cuk Converter Fed Switched Reluctance Motor”, Asian

Journal of Information Technology, pp 4662-4668.

18. Kulandaivel V, Veena P, Jeyabharath R, 2016. "Power Factor Enhancement in Bridgeless LUO Converter Fed Switched Reluctance Motor Using Fuzzy Controller", International Journal of Innovative Research in Science, Engineering and Technology, pp 12526-12532.
19. R.Jeyabharath, " Safety and Security in RFID based Multilevel Vehicle Parking System", International Journal in Research and Development, Vol.3, no.1, Jan 2016
20. Veena P, R.Jeyabharath and Rajaram M. (2010), „Performance Improvement of Direct Torque Control for Switched Reluctance Motor using Neuro-fuzzy Controller“, International Journal of Control and Intelligent Systems, Actapress Publishers, Canada. Vol. 38, No. 3, 2010 (paper no. 201-2118)
21. Jeyabharath R, Veena P and Rajaram M. (2010), „Modeling and Simulation of Direct Torque Control for Multi Phase Switched Reluctance Motor Drive“, International Journal of Modeling And Simulation, Actapress Publishers, Canada. Vol. 30. No.2. pp.1-8. 2010 (paper no. 205-5136)
22. Jeyabharath R, Veena P and Rajaram M. (2008), „A High Performance DTC Strategy for Torque Ripple Minimization Using Discrete Space Vector Modulation Techniques for SRM Drive“ International Journal of Applied Engineering Research, IJAER 2008, Vol.4, No.3, pp 371-379
23. Veena P, Jeyabharath R and Rajaram M(2009) "Neuro Fuzzy based direct torque control for Switched reluctance motor drive" International Journal of ACTA ELECTRO TECHNICA , Vol 50 , no 3, 179-184.
24. Guru Ramalingam M, Veena P, Jeyabharath R (2014) "Test pattern generation using BIST schemes" International Journal of Innovative Research in Science Engineering and Technology, IJRSET, Vol 3, No 1, Feb 2014, pp.1095 -1101.
25. Jeyabharath R, Rajasekaran C & Veena P (2014), „Enhanced Data Acquisition System Using Embedded Ethernet for Industrial Applications“, Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 16. PP. 1814-1823
26. Rajasekaran, C, Jeyabharath, R & Veena, P (2014), „Design and Development of a FPGA based High Speed Data Acquisition System“, International Journal of Applied Engineering Research. Volume 9, Number 23 pp. 19977-19990.
27. Rajasekaran C, Jeyabharath R & Veena P (2014), „Hardware-Software Reconfigurable Techniques for Wireless Sensor Network“, Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 17. pp.1855-1862
28. M. Murugan, R.Jeyabharath and P.Veena,(2014) "Stability Analysis and Parameter Design of BLDC Drive Utilizing Root-Locus Approach", Journal of Theoretical and Applied Information Technology, Vol.61, March 2014
29. M.Murugan, R.Jeyabharath and P.Veena, (2013) "Stability Analysis of BLDC Motor Drive based on Input Shaping" , International Journal of Engineering and Technology, Vol 5, No 5, pp 4339-4348, October 2013
30. M.Murugan, R.Jeyabharath and P.Veena, (2012) "An Efficient Active Clamp Resonant DC Link for BLDCM Drive Systems", European Journal of Scientific Research, Vol. 88, No 4, pp.475-483, October 2012.
31. Veena P, Jeyabharath R, "An Improved Direct Torque Control Using Intelligent Technique for Switched Reluctance Motor Drive" International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp 197-205

32. Veena P, Jeyabharath R, "ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive" International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp. 187-196
33. Veena P Jeyabharath R, and Rajaram M. (2009), „Torque Ripple Minimization in Direct Torque Control Using Fuzzy Logic for Switched Reluctance Motor Drive" International Journal of Systemics, Cybernetics and Informatics, IJSCI -09. Jan- 09.No.1 pp.032-03
34. Veena P, Jeyabharath R and Rajaram M(2009) " An improved direct torque control using intelligent techniques for switched reluctance motor drive" IETECH journal of electrical Analysis Vol 3, No.1, pp 15-19.
35. Rajasekaran C, Jeyabharath R and Veena P "FPGA SoC Based Multichannel Data Acquisition System with Network Control Module" Circuits and Systems Vol 8(2017),Issue 2,2017
36. "Effective Energy Management in Electric Vehicles using High-Power BidirectionalDC-DC Converter" Asian Journal of Research in Social Sciences and Humanities, Vol 7(2017), No.1, pp 731-743.

### **Publications (International Conferences)**

1. R.Jeyabharath, P.Veena (2020) "Artificial Intelligence based Traffic Control System for Emerging Vehicles", International Conference on Engineering and Technology (ICET 2020).
2. R.Jeyabharath (2016), " An improved Direct Torque Control using Intelligent Technique for Switched Reluctance Motor Drive" International conference on Emerging Trends in Science, Engineering and Technology, March 2016.
3. R.Jeyabharath (2016), "Safety and Security in RFID based Multilevel Vehicle Parking System", International Conference on computer, Electrical, Electronics, Management and Information Technology, March 2016
4. R.Jeyabharath (2015), "Modeling and Design of SR Motor Speed Control with FLCusing State Space Technique", 2<sup>nd</sup> international Conference on Engineering Technology and Science, March 2015.
5. R.Jeyabharath (2015), "Intelligent Vehicle Identification and Speed Estimation", International Conference on Advanced Computing, Control systems, Machines, and Embedded Technology, ICACT, March 2015
6. R.Jeyabharath, (2014) " Implementation and Performance Analysis of BLDC motorusing FLC Controller" International Conference on Engineering Technology and Science, Feb 2014.
7. R.Jeyabharath M.Murugan, , "Analysis and Design of Fast Response BLDC Drive System", International Conference on Computation of Power, Energy, Information and Communication", Adhiparasakthi Engineering College, Melmaruvathur 18-19, April 2012.
8. R.Jeyabharath M.Murugan, ,S.Manivel " Selection and Modelling of PMBLDCmotor for Torque Ripple Minimization", International conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing, Karunya University, 1-2, March, 2013, pp no. 2757-2761
9. R.Jeyabharath M.Murugan, ,Arjun Mohanlal " Speed and Rotor position



Estimation of BLDC motor using Extended Kalman Filter”, International conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing, Karunya University, 1-2, March, 2013, pp no. 1714-1718.

10. R.Jeyabharath M.Murugan, , ArjunMohanlal “ Speed and Rotor position Estimation of BLDC motor using Extended Kalman Filter”, International Conference on Computation of Power, Energy, Information and Communication, Adhiparasakthi Engineering College, Melmaruvathur, 17-18 April 2013.
11. Veena P Jeyabharath R, Rajaram M and Sivanandam S.N (2009). „Genetic Neuro Controller Based Direct Torque Control For Switched Reluctance Motor Drive” Proceedings of IEEE International Conference on Man-Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B5-1–2B5-6.
12. Veena P, Jeyabharath R, Rajaram M. and Sivanandam S.N (2009). „A High Performance DTC Strategy for Torque Ripple Minimization Using duty ratio control for SRM Drive” Proceedings of IEEE International Conference on Man- Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B9-1 – 2B9-6.
13. Veena P, Jeyabharath R and Rajaram M. (2008), ‘A Fuzzy Logic Approach To Direct Torque Control Of Switched Reluctance Motor Drive’ Proceedings of IEEE International Conference on power electronics drives & power systems, Power Coin- 2008, march 20<sup>th</sup> & 21<sup>st</sup> 2008, pp.18-22.
14. Jeyabharath R, Veena P and Rajaram M. (2006), „A Novel DTC Strategy of Torque and Flux Control for Switched Reluctance Motor Drive” Proceedings of IEEE International Conference PEDES-2006, IEEE New Delhi Section. 12-15 Dec 2006, pp.132-136.
15. Veena P, Jeyabharath R, and Rajaram M. ((2006) “A new Scheme of Torque and Flux Control for Switched Reluctance Motor Drive” Proceedings of IEEE India International Conference on Power Electronics, IICPE-2006, 19-21 dec 2006, pp 269 - 273
16. Jeyabharath R, Veena P and Rajaram M. (2005), „A New Converter Topology for Switched Reluctance Motor Drive” Proceedings of IEEE International Conference Indicon-05. IEEE Madras Section. 11-13 Dec.2005, pp. 580-584.

#### **Publications (National Conferences)**

1. R.Jeyabharath, “ IOT based Remote Braking System and Security Enhancement for Automobiles”, Proceedings of National Conference on Emerging Trends in engineering and Technology, 16<sup>th</sup> March 2019
2. R Jeyabharath, “ Air ventilation system for indoor area using forced convection”, Proceedings of 4th National conference on Recent Trends in Electronics Engineering (NCRTEC2k18)
3. R Jeyabharath, “Biometric Strategy measure for Enhanceing security in Bank System”, National conference on Recent Trends in Engineering and Technology, March 2014
4. R Jeyabharath,” A Direct Torque Control of Switched Reluctance Motor Drive”, National Conference on Recent Trends in electrical Engineering (RTEE-05), August 2005.

**Patents Filled : 02**

S.No	Patent Application No	Title of Invention	Date of filing	Date of Published
1.	202041025188	A Novel Method for Detection of Quality of Apples using edge Detection Approach	15 <sup>th</sup> June 2020	Yet to publish
2.	202041012783	System for Automatic Fog Cleaner for VLSI Cooler	24 <sup>th</sup> March 2020	05 <sup>th</sup> June 2020

**Funded Research Projects**

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	MODROBS- Control And Instrumentation Lab with Virtual Instruments	AICTE	13,12,034	Coordinator

**Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**


S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	06.05.2013	16.05.2013	Research and Reconfigurable Embedded System for Medical Science	AICTE 3.75 Lakhs

### **Awards and Achievements**

<b>Name of the Award</b>	<b>Organization</b>
Excellence in Research	Novel Research Academy, Puducherry
Best Administrator	The Institution of Engineers (India)
Best Supervisor	The Institution of Engineers (India)

### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)
- IEEE - 94145541

Name	Dr.P.Veena			
Department	EEE			
Qualification	B.E.,M.E.,Ph.D			
Area of Specialization	Intelligent control, Special Machines			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 31.05.2020)	Teaching:15.3 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	35
Number of Papers Presented	National Conferences : 06		International Conferences : 14	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:veena_gce@yahoo.co.in    Mobile: 9600343366			

#### **Publications (International Journals)**

1. Veena P, Indragandhi V, Jeyabharath R,(2014) “ Review of grid integrationschemes for renewable power generation system” International journal of renewable and sustainable energy reviews , Elsevier publishers, pp 628- 641
2. P.Veena, V.Indragandhi, R.Jeyabharath, (2013)“An Interleaved Soft Switching Boost Converter with Bidirectional Full Bridge Inverter for Photovoltaic power generation” Research Journal of Applied Sciences, Engineering & Technology, Vol. 6. No. 22, pp.4204-4210, 2013
3. V.Indragandhi, P.Veena, R.Jeyabharath, (2013), “Photo Voltaic Power Generation using Interleaved soft Switching Boost Converter- cascaded H-Bridge Inverter” International Review of Modeling and Simulations, Vol. 6. No. 2, pp. 329-335, 2013.
4. Manojkumar P, Veena Parasunath & Jeyabharath Rajaiah,(2019) „Sustainable development of universal electronic control unit for fuel saving in automobiles to protect the environment pollution“, Journal of electrical Engineering, Vol 19, No.2

pp.152-164

5. Ravivarman, S, Jeyabharath, R & Veena P 2016, „Analysis and Design of Single Switch Hybrid Step-up Converter“, Circuits and Systems, vol. 7, no. 4, pp. 211-221.
6. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up boost converter integrated with voltage multiplier cell“, International Journal of Innovations in Engineering and Technology, vol. 7, no. 1, pp. 626-632.
7. Ravivarman, S, Jeyabharath, R & Veena, P 2016, „A high step-up hybrid dc-dc converter with reduced voltage stress for renewable energy applications“, World Applied Sciences Journal, vol. 34, no. 7, pp. 871-877.
8. Jeyabharath Rajaiah, Velmurugan Ramar & Veena Parasunath 2016, „Harmonic Minimization in Seven-Level Cascaded Multilevel Inverter Using Evolutionary Algorithm“, Circuits And Systems, Scientific research publishing, vol. 7,no.9,19th July 2016, pp.2309-2322. (ISSN 2153-1285) (Updated list of Journals 2016).
9. Jeyabharath, R, Velmurugan, VR& Veena, P 2016, „Harmonic minimization in seven level cascaded multilevel inverter using Selective Harmonic Elimination PWM Technique“, Circuits And Systems, Scientific research publishing.(Accepted)
10. Srihari.T, Dr.Jeyabharath.R,Dr.P.Veena, “Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor”, Advances in Natural and Applied Sciences, Vol. 10, Issue 5, pp.6-14, June 2016, ISSN: 1995- 0772.
11. Srihari.T, Dr.Jeyabharath.R,Dr.P.Veena, “ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive ”, Circuits and Systems, Vol. 7,pp. 2940- 2947, May 2016, ISSN: 2153-1285.
12. N. Arulmurugaselvi, Dr. R. Jeyabharath, Dr. P. Veena, “An Efficient Feature Selection And Fuzzy Neuralnetwork With Content Based Image Retrieval To Diagnosis Mammogram Breast Cancer”, International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 3, December 2016 (1631-1645).
13. Arulmurugaselvi.N.,Jeyabharath.R., Veena.P, “Content Based Mammogram Image Retrieval Using Particle Swarm Optimization And Hybrid Classifier”, Asian Journal Of Research In Social Sciences And Humanities, Asian Research Consortium. (Accepted)
14. P. M. Dhanasekaran<sup>1</sup>, Parasunath Veena, Rajaiah Jeyabharath, “New DCM Operated Single Phase Bridgeless Cuk Derived Converters for Power Factor Correction”, Journal of Circuits and Systems, 2016, 7, 2176-2188, DOI : 10.4236/cs.2016.79189
15. P. M. Dhanasekaran, R. Balamurugan, P. Veena, “ New Single Phase Bridgeless CUK Converter Topology for Power Factor Enhancement Based on Fuzzy Logic Control” Journal of Circuits, Systems, and Computers Vol. 24, No. 7 (2015). DOI: 10.1142/S0218126615501029
16. P.M.Dhanasekaran, P.Veena, R.Jeyabharath, “Improved Power Factor Correction for BLDC Drive Using Fuzzy Logic Controller”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 7, July 2016, DOI:10.15680/IJIRSET.2016.0507133.
17. Kulandaivel Velusamy, Veena Prasunath and Jeyabharath Rajaiah, 2016. “Fuzzy Controlled Bridgeless Cuk Converter Fed Switched Reluctance Motor”, Asian Journal of Information Technology, pp 4662-4668.

18. Kulandaivel V, Veena P, Jeyabharath R, 2016. "Power Factor Enhancement in Bridgeless LUO Converter Fed Switched Reluctance Motor Using Fuzzy Controller", International Journal of Innovative Research in Science, Engineering and Technology, pp 12526-12532.
19. P.Veena, " ANN based Regenerative Braking system of Electric Vehicle", International Journal in Research and Development, Vol.3, no.1, Jan 2016
20. ManojKumar Palaniswamy & P.Veena, 2017, "Designing of Real Time Controlled Area Network for automobiles using LabVIEW and cRIO", Asian Journal of research in social sciences and humanities, Vol 7, No.3., pp.964-974
21. Veena P, R.Jeyabharath and Rajaram M. (2010), "Performance Improvement of Direct Torque Control for Switched Reluctance Motor using Neuro-fuzzy Controller", International Journal of Control and Intelligent Systems, Actapress Publishers, Canada. Vol. 38, No. 3, 2010 (paper no. 201-2118)
22. Jeyabharath R, Veena P and Rajaram M. (2010), "Modeling and Simulation of Direct Torque Control for Multi Phase Switched Reluctance Motor Drive", International Journal of Modeling And Simulation, Actapress Publishers, Canada. Vol. 30. No.2. pp.1-8. 2010 (paper no. 205-5136)
23. Jeyabharath R, Veena P and Rajaram M. (2008), "A High Performance DTC Strategy for Torque Ripple Minimization Using Discrete Space Vector Modulation Techniques for SRM Drive" International Journal of Applied Engineering Research, IJAER 2008, Vol.4, No.3, pp 371-379
24. Veena P, Jeyabharath R and Rajaram M(2009) "Neuro Fuzzy based direct torque control for Switched reluctance motor drive" International Journal of ACTA ELECTRO TECHNICA , Vol 50 , no 3, 179-184.
25. Guru Ramalingam M, Veena P, Jeyabharath R (2014) "Test pattern generation using BIST schemes" International Journal of Innovative Research in Science Engineering and Technology, IJIRSET, Vol 3, No 1, Feb 2014, pp.1095 -1101.
26. Jeyabharath R, Rajasekaran C & Veena P (2014), "Enhanced Data Acquisition System Using Embedded Ethernet for Industrial Applications", Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 16. PP. 1814-1823
27. Rajasekaran, C, Jeyabharath, R & Veena, P (2014), "Design and Development of a FPGA based High Speed Data Acquisition System", International Journal of Applied Engineering Research. Volume 9, Number 23 pp. 19977-19990.
28. Rajasekaran C, Jeyabharath R & Veena P (2014), "Hardware-Software Reconfigurable Techniques for Wireless Sensor Network", Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 17. pp.1855-1862
29. M. Murugan, R.Jeyabharath and P.Veena,(2014) "Stability Analysis and Parameter Design of BLDC Drive Utilizing Root-Locus Approach", Journal of Theoretical and Applied Information Technology, Vol.61, March 2014
30. M.Murugan, R.Jeyabharath and P.Veena, (2013) "Stability Analysis of BLDC Motor Drive based on Input Shaping" , International Journal of Engineering and Technology, Vol 5, No 5, pp 4339-4348, October 2013
31. M.Murugan, R.Jeyabharath and P.Veena, (2012) "An Efficient Active Clamp Resonant DC Link for BLDCM Drive Systems", European Journal of Scientific Research, Vol. 88, No 4, pp.475-483, October 2012.
32. Veena P, Jeyabharath R, "An Improved Direct Torque Control Using Intelligent

Technique for Switched Reluctance Motor Drive” International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp 197-205

33. Veena P, Jeyabharath R, “ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive” International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp. 187-196
34. Veena P Jeyabharath R, and Rajaram M. (2009), „Torque Ripple Minimization in Direct Torque Control Using Fuzzy Logic for Switched Reluctance Motor Drive” International Journal of Systemics, Cybernetics and Informatics, IJSCI -09. Jan- 09.No.1 pp.032-03
35. Veena P, Jeyabharath R and Rajaram M(2009) “ An improved direct torque control using intelligent techniques for switched reluctance motor drive” IETECH journal of electrical Analysis Vol 3, No.1, pp 15-19.

### **Publications (International Conferences)**

1. Indra Gandhi V, Dr.P.Veena (2012), “A review of interleaved soft switching Boost converter for power generation” proceedings of IEEE-International conference on Advances in Engineering, Science and Management (ICAESM-2012) March 30-31, 2012. Pp 27-31. 3/0.23
2. Veena P Jeyabharath R, Rajaram M and Sivanandam S.N (2009). „Genetic Neuro Controller Based Direct Torque Control For Switched Reluctance Motor Drive” Proceedings of IEEE International Conference on Man-Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B5-1–2B5-6.
3. Veena P, Jeyabharath R, Rajaram M. and Sivanandam S.N (2009). „A High Performance DTC Strategy for Torque Ripple Minimization Using duty ratio control for SRM Drive” Proceedings of IEEE International Conference on Man- Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B9-1 – 2B9-6.
4. Jeyabharath R, Veena P and Rajaram M. (2008), „A Fuzzy Logic Approach To Direct Torque Control Of Switched Reluctance Motor Drive” Proceedings of IEEE International Conference on power electronics drives &power systems, Power Coin-2008,march 20th &21st 2008, pp.18-22.
5. Jeyabharath R, Veena P and Rajaram M. (2006), „A Novel DTC Strategy of Torque and Flux Control for Switched Reluctance Motor Drive” Proceedings of IEEE International Conference PEDES-2006, IEEE New Delhi Section. 12-15 Dec 2006, pp.132-136.
6. Veena P , Jeyabharath R, and Rajaram M. ((2006) “A new Scheme of Torque and Flux Control for Switched Reluctance Motor Drive” Proceedings of IEEE India International Conference on Power Electronics,IICPE-2006,19-21 dec 2006, pp 269 - 273
7. Jeyabharath R, Veena P and Rajaram M. (2005), „A New Converter Topology for Switched Reluctance Motor Drive” Proceedings of IEEE International Conference Indicon-05.IEEE Madras Section. 11-13 Dec.2005, pp. 580-584.
8. S.KrishnaKumar, P.Veena, “ Analysis of Diode Models of PV Cells”, International

- conference in Advancements in Electrical and Electronics Engineering, March 2014.
9. Elenthendral R, Veena P, “Reduction of Harmonics in Demodulator using PWM Techniques” Proceedings of TEQIP Sponsored International Conference on Computational Intelligence (ICCI-15) Apr7 & 8 2015.
  10. R.Jeyabharath, P.Veena (2020) “Artificial Intelligence based Traffic Control System for Emerging Vehicles”, International Conference on Engineering and Technology (ICET 2020).
  11. P.Veena(2020), “Online remote monitoring and control of windmill”, International Conference on Engineering and Technology (ICET 2020).
  12. P.Veena,” Design of Smart Wheelchair and vital signs monitoring for Paralytic Patients” Proceedings of International Conference on Information Sciences and Renewable Energy Sources (ICISRES-2K19)
  13. P.Veena, (2018), “Pick and drop robotic arm using embedded system”, Proceedings of International Conference on Interdisciplinary Research Practices and Applications, March 2018.
  14. P.Veena, “ANN based Regenerative Braking system of Electric Vehicle using BLDC Motor”, International Conference on computer, Electrical, Electronics, Management and Information Technology, March 2016

#### **Publications (National Conferences)**

1. P.Veena,” Design of Smart Wheelchair and vital signs monitoring for Paralytic Patients” Proceedings of National Conference on Emerging Trends in engineering and Technology, 16<sup>th</sup> March 2019.
2. P.Veena, “Analysis and Implementation of BFS Algorithm for Devotees Tracking using ZIGBEE Wireless Sensor Networks”, 5th National Level Conference on Recent Trends in Electrical Science, Feb 2015.
3. P.Veena, “Analysis of Diode Models of PV Cells”, National conference on Recent Trends in Engineering and Technology, March 2014.
4. P.Veena, “A Novel Strategy of Troque and Flux control of Switched Reluctance Motor Drive,”, National Level Conference on Intelligent Integrated Control and Automation, (IICA2006), Feb 2006.
5. P.Veena, “A New Scheme of Direct Torque and flux Control of Switched Reluctance Motor Drive, National Conference on Modern trends in Electrical and Electronics Systems, March 2006.
6. P.Veena,” A New Converter Topology for Switched Reluctance Motor Drive”, National Conference on Recent Trends in electrical Engineering (RTEE-05), August 2005.

#### **Patents Filled : 02**

S.No	Patent Application No	Title of Invention	Date of filing	Date of Published
1.	202041025188	A Novel Method for Detection of Quality of Apples using edge Detection Approach	15 <sup>th</sup> June 2020	Yet to publish
2.	202041012783	System for Automatic Fog Cleaner for VLSI Cooler	24 <sup>th</sup> March 2020	05 <sup>th</sup> June 2020



**Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	06.05.2013	16.05.2013	Research and Reconfigurable Embedded System for Medical Science	AICTE 3.75 Lakhs

**Awards and Achievements**

Name of the Award	Organization
Best Woman Scientist	Novel Research Academy, Puducherry
Best Faculty Advisor	The Institution of Engineers (India)
Best Supervisor	The Institution of Engineers (India)

**Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)

Name	A. MURUGESAN			
Department	EEE			
Qualification	M.E. Ph.D.			
Area of Specialization	Control & Instrumentation			
Date of Joining (KSR IET)	03-12-2012			
Experience (as on 01.06.2020)	Teaching: 15 Yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals	02
Number of Papers Presented	National Conferences : 04		International Conferences : 02	
Books Published	National Publisher : 00		International publisher	00
Contact Details	E Mail: murugesana@ksriet.ac.in      Mobile: 9952162179			

#### **Publications (International Journals)**

1. Murugesan.A, Dr.Jeyabharath.R, “Performance Analysis and Speed Regulation Estimation of SR Motor Using FT-ANN Controller with Steady State Stability and FFT Analysis”, Middle-East Journal of Scientific Research, Vol. 24, No.12, pp.3667- 3677, 2016.
2. P Dhivya, A Murugesan, “Intelligent car braking system with collision avoidance and ABS”, International Journal of Computer Applications, 975-8887, pp.16-20, 2015

**Publications (International Conferences)**

1. Murugesan, A & Jeyabharath, R, “Speed regulation and control of SR Motor using PID controller”, ICETS’15, An International Conference, Muthayammal College of Engineering, Rasipuram. March 5th and 6th, 2015.
2. Murugesan, A & Jeyabharath, R, “Modeling and design of SR Motor speed control with FLC using state space technique”, ICETS’14, An International Conference, Muthayammal College of Engineering, Rasipuram. Feb 10th and 11th, 2014.

**Publications (National Conferences)**

1. Murugesan, A, “Fuzzy Logic Controller paper Machine Moisture controller” and “Fuzzy based two tank level control system”, INSTRUVISION – 2K8 National Conference, Kamaraj College of Engineering & Technology, Virudhunagar.
2. Murugesan, A, “Medical Image Segmentation by Normalised Cut method”, ETICT – 2006 National Conference, Sethu Institute of Technology, Kariapatti.
3. Murugesan, A, “Speech Signal Analysis & Recognition”, RAIN – 2005 National Conference, Noorul Islam College of Engineering, Thuckalay.
4. Murugesan, A, “Speech Signal Analysis & Recognition”, NCICCA – 2005 National Conference, Arulmigu Kalasalingam College of Engineering, Krishnankoil.

**Books /Instruction materials/monograms published**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Basic Electrical, Electronics and Instrumentation Engineering (monogram)	Dr. A. Murugesan	Department of EEE K S R Institute for Engineering and Technology	2019

**Funded Research Projects**

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Modernization of Control and Instrumentation Lab with Virtual Instruments (MODROB)	AICTE	13,12,034	Subject Expert

**Training Offered**

- Hands on Training on Multisim

**Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 47833)
- Institute of Engineers India (IE(I)) - Member (M-1596815)

Name	SACITHRAA R			
Department	EEE			
Qualification	M.E(Ph.D)			
Area of Specialization	CONTROL AND INSTRUMENTATION			
Date of Joining (KSR IET)	03-06-2013			
Experience (as on 01.06.2020)	Teaching:12.5Y	Industry:00	Others: 00	
Number of Papers Published	National Journals	01	International Journals	00
Number of Papers Presented	National Conferences : 02		International Conferences : 03	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:sacithraar@gmail.com			Mobile:9524041999

#### **Publications (International Journals)**

- “Quantitative Analysis of Tapioca Starch using FT-IR Spectroscopy and Partial Least Squares” International Journal of Computer Applications.2013,Vol 1, P No:29-33.

#### **Publications (International Conferences)**


- “Quantitative Analysis of Tapioca Starch using FT-IR Spectroscopy and Partial Least Squares” International Conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing, conducted by Karunya University, Coimbatore, 1<sup>st</sup> & 2<sup>nd</sup> March 2013.
- “Eye Blink Sensor Controlled Home Automation for Paralysed and Elderly people” International conference on Information Science and Renewable Energy Resources ICISRES-2019, conducted by Selvam college of technology, Namakkal.7<sup>th</sup> & 8<sup>th</sup> March, 2019.
- “Zone based speed control in electric vehicle” 6<sup>th</sup> International conference on Engineering and Technology ICET-2020, conducted by Selvam college of technology, Namakkal. 4<sup>th</sup> & 5<sup>th</sup> March 2020.

**Publications (National Conferences)**

- “Constituent Determination of Tapioca Starch using FT-IR Spectroscopy and Partial Least Squares” National Conference on Recent Trends in Communication, Computation & VLSI, Conducted by Sri Ramanathan Engineering College, Vijayamangalam, 21<sup>st</sup> February 2013.
- “An Arduino Based Water management and Automatic Bill generation System” National Conference on Emerging trend in Engineering and Technology, conducted by Nandha College of Technology, Erode. 16<sup>th</sup> March 2019.

**Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member (LM 51640)**
- **Institute of Engineers India (IE(I)) - Member**

Name	SIVAKUMAR C			
Department	EEE			
Qualification	M.E.			
Area of Specialization	POWER SYSTEMS ENGINEERING			
Date of Joining (KSR IET)	09-06-2015			
Experience (as on 01.06.2020)	Teaching: 5 years	Industry: 5 months	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 04		International Conferences : 01	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: siva7606@gmail.com		Mobile: 9942688763	

#### **Publications (International Journals)**

-NIL-

#### **Publications (National Journals)**

-NIL-

#### **Publications (International Conferences)**

- ☐ “Smart Agricultural System” 4<sup>th</sup> National conference on Recent Trends in Electronics Engineering(NCRTEC2k18), conducted by Jayalakshmi Institute of Technology, Thoppur. March 2018.
- ☐ International conference on Information Science and Renewable Energy Resources ICISRES-2019, conducted by Selvam college of technology, Namakkal.7<sup>th</sup> & 8<sup>th</sup> March, 2019.

#### **Publications (National Conferences)**

- ☐ “Self Balance Vehicle” 4<sup>th</sup> National conference on Recent Trends in Electronics Engineering(NCRTEC2k18), conducted by Jayalakshmi Institute of Technology, Thoppur. March 2018.

- “Dual Axis Solar Tracking System” National Conference on Emerging Trends in Engineering and Technology NCETET-20, conducted by Nandha College of Technology, Erode. 16<sup>th</sup> March 2019.
- “Energy Harvesting Using Piezoelectric Sensor in Roadways” National Conference on Computing Communication Technology and Science NCCCTS-20, conducted by Mudhayammal College of Engineering, Namakkal. 6<sup>th</sup> March 2020.


#### **unded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

<b>S. No.</b>	<b>Date</b>		<b>Topic / Title</b>	<b>Funding agency and Amount Sanctioned</b>
	<b>From</b>	<b>To</b>		
1.	20.07.2016	22.07.2016	Entrepreneur Awareness Camp program	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
2.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-I 2017-18	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
3.	16.08.2017	18.08.2017	Entrepreneurship Awareness Camp-II 2017-18	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
4.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-III 2017-18	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
5.	31.07.2018	02.08.2018	Entrepreneurship Awareness Camp-I 2018-19	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
6.	14.02.2019	16.02.2019	Entrepreneurship Awareness Camp-II 2018-19	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
7.	17.02.2020	19.02.2020	Entrepreneurship Awareness Camp-I 2019-20	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
8.	09.03.2020	11.03.2020	Entrepreneurship Awareness Camp-II 2019-20	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>

#### **Membership in Professional Bodies**

- **Institute of Engineers India (IE(I)) - Member**



Name	Dr. S.VELMURUGAN			
Department	EEE			
Qualification	M.E.,Ph.D.,			
Area of Specialization	Power Electronics and Drives, Image Processing			
Date of Joining	04-12-2019			
Experience (as on 01.06.2020)	Teaching:14 years 10 Months	Industry:Nil	Others: Nil	
Number of Papers Published	National Journals : 00		International Journals 06	
Number of Papers Presented	National Conferences : 08		International Conferences : 07	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail:velmuruganmec@gmail.com		Mobile:8870769646	

### **Publications (International Journals)**

1. Velmurugan S& Selvarajan S 2018,,,"A Multimodal Authentication for Biometric Recognition System Using Hybrid Fusion Techniques", International Journal of Cluster Computing Springer US, Print ISSN 1386-7857, Online ISSN 15737543 <https://doi.org/10.1007/s10586-018-1952-2> Published Online 02-March 2018.
2. Velmurugan S& Selvarajan S 2015,,,"Linear Binary Pattern Based Biometric Recognition Using Hand Geometry and Iris Images", International Journal of Applied Engineering Research, ISSN 0973-4562 © Research India Publication, vol. 10, no. 24, pp. 45675-45683.
3. S.Velmurugan &Amritha K.C, 2014 „Personal Identification Using Multibiometrics Score-Level Fusion“ International Journal of Research in Engineering and Technology IJRET ISSN: 2321-7308 Volume: 03 Special Issue: 07pp.800-804.
4. Velmurugan S & Srilekha D „Physical Activity Classification and Monitoring using

Artificial Neural Network" International Journal of Computer Applications IJCA, ISSN 0975 – 8887 vol 01 pp.26-31

5. Dr.S.Velmurugan , P.Saran Raj , I.Sathiskumar , D.Raghul "Wireless Charging of Electric Vehicle", International Journal of Science & Engineering Development Research (www.ijedr.org), ISSN:2455-2631, Vol.4, Issue 4, page no.345 - 349, April-2019, Available :<http://www.ijedr.org/papers/IJEDR1904073.pdf>
6. Dr. S. Velmurugan ,Karthika Devi S, Latha S, Logeshwaran V, Dineshkumar S. (2020). Development of Smart Robot Car For Surveillance. International Journal of Advanced Science and Technology, 29(7), 4386-4393. <http://sersc.org/journals/index.php/IJAST/article/view/23251>

#### **Publications (International Conferences)**

1. Velmurugan S “Autonomous Drainage Cleaning System” International conference on Advancements in Science, Engineering & Technology (ICASET‘19), M.P.Nachimuthu M.Jaganathan Engineering College 16<sup>th</sup> March 2019
2. Velmurugan S & Selvarajan S „Personal Identification Using Multibiometrics Score Level Fusion“ International conference on Trends in Technology for Convergence „TITCON-2014“,AVS Engineering College 8<sup>th</sup> &9<sup>th</sup> April 2014.
3. Velmurugan S & Harishankari R „Neural Network Based Wearable Physical Activity Classification System“, TEQIP II Sponsored International Conference on Emerging Trends in Information Technology ICETIT‘15,Anna University BIT Campus, Trichy 9<sup>th</sup> 10<sup>th</sup> March 2015.
4. Velmurugan S & Selvarajan S „ Median Robust Noise Resistant Extended Linear Binary Pattern With Hand Geometry and Iris Images“ International Conference on Recent Trends in Engineering and Technology ICRTET‘17 KSR Institute for Engineering and Technology,17<sup>th</sup> March 2017.
5. Velmurugan S „Emergency Transportation And Automation In Parking By Radio Frequency Technology“ International Conference on Recent Trends in Engineering and Technology ICRTET‘17 KSR Institute for Engineering and Technology 17<sup>th</sup> March 2017.
6. Velmurugan S Autonomous Drainage Cleaning System Fourth international Conference on Advancements in Science Engineering and Technology (ICASET‘19) organized by

M.P .Nachimuthu M.Jganathan Engineering college 16<sup>th</sup> March 2019

7. Velmurugan S Wireless Charging of Electric Vehicle International Conference on Information Sciences and Renewable Energy Sources (ICISRES"19) Organized by Selvam College of Technology in Association with Institution of Engineers (india) and IJCA on 07<sup>th</sup> and 08<sup>th</sup> March 2019.

#### **Publications (National Conferences)**

1. Velmurugan S & Harishankari R „CAN Based Intelligent Vehicle Communication Controlled By Smartphone“, National Conference on Frontiers in Applied Sciences and Computer Technology (FACT"15) at National Institute of Technology(NIT) Trichy Vol 03 March 6&7 2015.
2. Velmurugan S & Srilekha D „Physical Activity Classification and Monitoring Using Artificial Neural Network“ TEQIP II Sponsored National conference on Information and Communication Technologies (NCICT"15), Coimbatore Institute of Technology 19<sup>th</sup> &20<sup>th</sup> February 2015.
3. Velmurugan S & Amritha K.C „A Biometric Identification System Using Face and Signature“, 4<sup>th</sup> National Conference on Recent Advancements and Challenges in Electrical Science, Institute of Road and Transport Technology, Erode 27<sup>th</sup> &28<sup>th</sup> February 2014.
4. Velmurugan S & Jomy Joy „Digital Video Watermarking System For Authentication Using DCT“, 4<sup>th</sup> National Conference on Recent Advancements and Challenges in Electrical Science, Institute of Road and Transport Technology, Erode 27<sup>th</sup> &28<sup>th</sup> February 2014.
5. Velmurugan S, “A generalized scalar PWM approach for three phase Voltage source inverter fed DC drive”, National Conference On Recent Advancements & Challenges in Electrical Engineering and Applications Institute of Road and Transport Technology Erode, 01March , 2012 pp 127-131.
6. Velmurugan S& Sahira Farrvin Banu M, “Multilevel inverter Fed Grid Connected PV System”, National Conference On Innovations in Electrical and Electronics Engineering (IEEE"11) M.P.Nachimuthu M.Jaganathan Engg College, 21 January, 2011 pp112-116.
7. Velmurugan S & Mahendran G, “Balancing the supply and Demand using Flexible Reliable Intelligent Energy Delivery System”, National Conference On Cutting Edge

Technologies in Power Conversion and Industrial Drives, Bannari Amman Institute of Technology, Sathyamangalam, 16<sup>th</sup> & 17<sup>th</sup> March 2011 pp43-47


8. S.velmurugan, M.Muruganandham, “Total Design and simulation of modified fuzzy controller for closed loop control of four quadrant dc-dc converter fed dc drive”, National Conference On Advanced Computing, Control and Automation, K.S.Rangasamy College of Technology, Tiruchengode, 3 & 4 April, 2009 pp7-14.

**Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	13.08.2012	14.08.2012	Power Electronics for Renewable Energy Systems	TNSCST & NCSTC Sponsored
2.	03.06.2011	03.06.2011	Computational Intelligence Techniques in green energy	AICTE


**Membership in Professional Bodies**

- ☐ Indian Society for Technical Education (ISTE) - Life Member (LM70835)
- ☐ Member in Solar Society of India (SSI)-Life Member
- ☐ Life member in International Association of Engineers (IAENG)

Name	ARVIND T			
Department	EEE			
Qualification	M.E			
Area of Specialization	POWER SYSTEM ENGINEERING			
Date of Joining (KSR IET)	01-06-2015			
Experience (as on 01.06.2020)	Teaching: 5 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 00	
Number of Papers Presented	National Conferences : 00		International Conferences : 03	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: tamilarvind1103@ksriet.ac.in			Mobile:7502066410

**Publications (National Conferences)Books /Instruction materials/monograms published**

- ☐ Smart Dustbin for Automatic Waste Segregation Based on IOT.
- ☐ Driving License Based Bio-Authenticated Smart Vehicle.
- ☐ Wireless Based Energy Meter Monitoring and Management System.

Name	Dr. C.SANTHA KUMAR			
Department	ELECTRICAL AND ELECTRONICS ENGINEERING			
Qualification	B.E, M.E, PH.D			
Area of Specialization	POWER ELECTRONICS , RENEWABLE ENERGY , ELECTRICAL MACHINES.			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 30.05.2020)	Teaching:8.10 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals        00		International Journals        03	
Number of Papers Presented	National Conferences : 02		International Conferences : 02	
Books Published	National Publisher        00		International publisher        00	
Contact Details	E Mail:sss.santha79@gmail.com    Mobile:99528-41020			

#### **Publications (International Journals)**

1. Santha kumar C, Shivakumar R & Bharatiraja C 2017, “A pulse width modulation for PV connected Diode assisted Z-source NPC- MLI to obtain high voltage gain”, Journal of Electrical Engineering, ISSN 1582-4594, vol. 17,no. 4 pp.290-297.
2. Santha kumar C, Shivakumar R & Bharatiraja C 2018, “A self Balancing Space Vector PWM for Z Source T Multilevel Inverter”, Journal of Electrical Engineering, ISSN 1582-4594, vol. 18,no. 3 pp.135-143.
3. Santha kumar C, Shivakumar R & Bharatiraja C & Sanjeevikumar P 2017, “Carrier Shifting Algorithm for the Mitigation of circulating Current in Diode Clamped MLI Fed Induction Motor Drive ”, International Journal of Power Electronic and Drive System, ISSN 2088-8694, vol. 08,no. 2, pp.31-39.

#### **Publications (International Conferences)**

1. C.Santha kumar “Sequential control of soot blower in recovery boiler using PLC”, International conference on Recent Trends in Engg. And Technology, KSR institute for Engineering and Technology, 17<sup>th</sup> March, 2017.


2. C.Santha kumar “Grid frequency based Load control system using PIC microcontroller”, International conference on Recent Trends in Engg. And Technology, KSR institute for Engineering and Technology, 17<sup>th</sup> March, 2017.

#### **Publications (National Conferences)**

1. C.Santha kumar “Vehicle monitoring and Accident Prevention using MEMS accelerometer with GPS tracking”, 5<sup>th</sup> National conference on Recent Trends in Electrical science, KSR institute for Engineering and Technology, 26<sup>th</sup> Feb., 2015.
2. C.Santha kumar “Design and Implementation of Multi-level Inverter for Photovoltaic system using FPGA controller”, National conference on Recent Trends in Power engineering, KSR institute for Engineering and Technology, 26<sup>th</sup> Feb., 2015.

#### **Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member (LM 42267)**

Name	Dr. T. Srihari, Professor			
Department	Electrical and Electronics Engineering			
Qualification	M.E., Ph.D.			
Area of Specialisation	Special Electrical Machine, Power Electronics and Drives			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.06.2020)	Teaching: 16	Industry:00	Others: 00	
Number of Papers Published	National Journals: 03                      International Journals: 05			
Number of Papers Presented	National Conferences: 02                      International Conferences: 02			
Patents Published	National: 03                      International:			
Fund Received	Research Project : Rs.21,68,839 Workshop/Conference : 2,60,000			
Contact Details	Email: k.t.srihari@gmail.com, srihari@ksriet.ac.in Mobile: 9442102071			

#### **Research Member Links/ ID**

Google scholar link	<a href="https://scholar.google.com/citations?user=UzgmW_cAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=UzgmW_cAAAAJ&amp;hl=en</a>
ORCID	<a href="https://orcid.org/0000-0003-3641-7396">https://orcid.org/0000-0003-3641-7396</a>
ResearcherID	I-4370-2018
Scopus Author ID	57189073749

#### **Publications**

#### **Patents**

1. Dr.T.Srihari and 12 others "Artificial Intelligence Enabled Bot For Railway Track Cleaning",Application No is 202041007777 A, Date of File: 24th Day of February 2020.
2. Dr.T.Srihari and 23 others "Harvesting Machine For Tapioca Vegetables" Application No is 202041012787 A, Date of File: 24th Day of March 2020.



3. Dr.T.Srihari and 18 others "System For Automatic Fog Cleaner For VISI Cooler" Application No is 202041012783 A, Date of File: 24th Day of March 2020.

### **International Journals**

1. C. Nelson Kennedy Babu, W. Deva Priya, T. Srihari, "Effective Crop Loss Assessment for Picture Based Insurance Claim", TEST Engineering & Management 83 (March - April 2020), 11605 – 11610.
2. Srihari, T, Jeyabharath, R & Veena, P 2016, 'Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor', Advances in Natural and Applied Sciences, ISSN: 1995-0772, vol. 10, issue 5, pp. 6-14.
3. Srihari, T, Jeyabharath, R & Veena, P 2016, 'ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive', Circuits and Systems, ISSN: 2153-1285, vol. 7, pp. 2940-2947.
4. Devapriya, W, Nelson Kennedy Babu, C & Srihari, T 2016, 'Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach', Circuits and Systems, vol. 7, pp. 2168-2175 ISSN: 2153-1293
5. Devapriya, W, Babu, C & Srihari, T 2015, 'Indian License Plate Detection and Recognition Using Morphological Operation and Template Matching', World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, vol. 9, pp. 1012- 1018. ISSN: 2010-3778

### **National Journals**

1. Srihari, T.; Jeyabharath, R.; Veena, P.; 2016, 'An Improved Direct Torque Control Using Intelligent Technique for Switched Reluctance Motor Drive', South Asian Journal of Engineering and Technology vol. 2, No.16, pp. 125- 133. ISSN: 2454-9614
2. Srihari, T. & Ramya, A. 2016 'Raspberry Pi (Model B) Based Interactive Home Automation System' International Journal of Trend in Research and Development, Volume 3(1), vol. 3, No.1 pp. 438- 440. ISSN: 2394-9333
3. Suganya, R. & Srihari, T. 2014 'Neural Network Based Vehicle Classification', COMPUSOFT: International Journal of Advanced Computer Technology ISSN:2320-0790

### **International Conferences**

1. W. Devapriya, C. N. K. Babu & T. Srihari 2016, 'Real-time speed bump detection using Gaussian filtering and connected component approach,' *IEEE World Conference on Futuristic Trends in Research and Innovation for Social Welfare (Startup Conclave)*, Coimbatore, 2016, pp. 1-5. DOI: 10.1109/STARTUP.2016.7583981
2. Devapriya, W, Nelson Kennedy Babu, C & Srihari, T 2015, 'Advance Driver Assistance System (ADAS)—Speed Bump Detection', IEEE International Conference on Computational Intelligence and Computing Research, Madurai, 10-12 December, 1-6. <http://dx.doi.org/10.1109/ICCIC.2015.7435753>.

## National Conferences

1. Srihari, T, Jeyabharath, R & Suryaprakash, S 2014, 'Torque Ripple Minimization of 8/6 Switched Reluctance Motor Based upon Evolutionary Computing Technique', International Conference on Science, Engineering and Management (ICSEM'14). ISBN-9789380530-70-3, vol. 3, pp. 431-438.
2. Srihari, T, Jeyabharath, R & Veena, P 2016, 'An Improved Direct Torque Control Using Intelligent Technique for Switched Reluctance Motor Drive', International Conference on Emerging Trends in Science, Engineering & Technology (ICETSET'16) vol.2,no.16,Pp. 125-133.

## Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	KSRIET Aspiring ICT based SPDC	AICTE, New Delhi	Rs.21,68,839	Coordinator
2.	IPR an entrepreneur view	MSME-IPR	Rs.1,00,000	Coordinator

## Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	20.07.2016	22.07.2016	Entrepreneur Awareness Camp program	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
2.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-I 2017-18	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
3.	16.08.2017	18.08.2017	Entrepreneurship Awareness Camp-II 2017-18	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
4.	12.02.2018	14.02.2018	Entrepreneurship Awareness Camp-III 2017-18	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>

5.	31.07.2018	02.08.2018	Entrepreneurship Awareness Camp-I 2018-19	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
6.	14.02.2019	16.02.2019	Entrepreneurship Awareness Camp-II 2018-19	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
7.	17.02.2020	19.02.2020	Entrepreneurship Awareness Camp-I 2019-20	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>
8.	09.03.2020	11.03.2020	Entrepreneurship Awareness Camp-II 2019-20	Grants from DST in association with EDI India under NSTEDB <b>Rs.20,000</b>

#### **Consultancy Activities (Industry)**

<b>S.No</b>	<b>Title of the Project</b>	<b>Name of the Company</b>
<b>1.</b>	Wearable for Visually Impaired Using Embedded Systems	FORGE.FACTORY, G Floor, KCT Tech Park, #3 Athipalayam Road, Chinnavedampatti, Coimbatore, Tamil Nadu 641049
<b>2.</b>	IoT Based Home Automation Using Raspberry Pi B+	KSREI

#### **Resource person**

1. NI-Multisim based Hands-on simulation course for 90 hours at KSR Institute for Engineering and Technology.
2. Resource person for the workshop "MATLAB ONRAMP".
3. Resource person for Faculty Development Programme "Linear Integrated Circuits" organised by Equip Foundation.
4. Delivered the Electrical Know-how lecture for the higher secondary students.
5. Anna University, Chennai sponsored Faculty Development Training Program on

"Electronics Devices and Circuits"

6. Handled Session on "Entrepreneur Awareness Camp"

#### **Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

1. organised a One day workshop on "Ni Multisim Introduction" during 31-07-2013.
2. Organised workshop and act as a resource person for the course "Multisim" on 27.12.2014
3. Organised workshop and act as a resource person for the course "Multisim" on 21.08.2015
4. We organised a two days' workshop on "Sensorduino" 18.09.2015 to 19.09.2015.
5. Conducted two-day workshop on "Introduction to Raspberry pi with sensor interface" on 10.02.2017 & 12.02.2017
6. One day "Hands on the workshop of Android development studio" 26.02.2016
7. Five days Workshop on "Basic PLC programming" from 07.05.2016 to 12.05.2016
8. A two-day workshop on "PCB Design" 22.12.17 – 23.12.17
9. Organised a Three-day programme on "Raspberry Pi- A hands-on workshop" 07.12.2017 to 09.12.2017.
10. A one-week workshop on "Exploring C."

#### **Workshop Attended:**

1. Attended National Seminar on "Deep Learning Challenges in Big Data Analytics", SERB & Dept of ECE, KSRCT, 2018
2. Attended Two Days National Seminar, "Deep learning: Smart Tool for Big Data Challenge in Health Care", Dept of ECE, KSRCT
3. Participated in the Workshop on "Microcontroller & ARM", Dhanalakshmi Srinivasan College of Engineering, Coimbatore.
4. Attended workshop on "Application of Mathematical Models in Digital Image Processing", Dept of ECE / University College of Engineering, Dindigul
5. Attended "Faculty Development programme in Entrepreneur" by Ministry of Science and Technology, at Knowledge Institute of Technology. 2013
6. Knowledge updated through five days FDP on "Product Based Design" at Government College of Technology, Salem.
7. ATAL 5-Day National Level Workshop on the Internet of Things (IoT) at University of Kerala 16<sup>th</sup> -20th October 2019
8. Six Days Webinar on "EXPLORING OUTCOME BASED EDUCATION (OBE) AND NBA PROCESS" Organised by knowledge Institute for Engineering 07.05.2020 – 13.05.2020.
9. "Webinar on Machine Learning using Python, Organised by Brainswig Edutech Pvt Ltd, Chennai on 20.04.2020

10. Webinar on Online Classroom - Need of the hour, Organised by IFEEES / GEDC / IUCEE Global Webinars on 20.04.2020
11. Webinar on Home automation – IoT, Organised by MSME on 22.04.2020
12. Webinar on "Research outcomes: Technical paper writing, Research proposal, Patent filing", Organised by Datateach on 22.04.2020
13. Writing Successful Proposal to Funding Agencies, R&D Cell, KSRIET

**Responsibilities:**

- K S R Institute for Engineering and Technology incubation center Manager
- NIPS Coordinator
- Vice President of Institution's Innovation Council (IIC)
- Coordinator of KSRIET Aspiring ICT Based SPDC, AICTE, New Delhi funded project.
- Nodal officer - Entrepreneur Development (ED) Cell
- Project Coordinator
- Class Advisor
- Mentor

**Membership in Professional Bodies**

1. Indian Society for Technical Education (ISTE) - Life Member (LM 84482)
2. IEEE Membership - 90717071
3. IAENG International Association of Engineers - 119179
4. Institute for Engineering Research and Publication – IFERP (PMIN74658201)
5. Fellow member of The RED Institute of Research Engineers and Doctors  
(SM10100060553)

Name	Dr. V.DEVABHARATHI			
Designation & Department	PROFESSOR			
Qualification	M.Sc.,M.Phil.,Ph.D.			
Area of Specialization	Thin Film Technology, Nanotechnology, Solar Cell Applications			
Date of Joining (KSR IET)	11-08-2011			
Experience (as on 18.02.2022)	Teaching:16	Industry:00	Others: 03	
Number of Papers Published	National Journals : 00		International Journals 11	
Number of Papers Presented	National Conferences : 01		International Conferences : 03	
Books Published	National Publisher : 01		International publisher 00	
Contact Details	E Mail: <a href="mailto:devabharathi@ksriet.ac.in">devabharathi@ksriet.ac.in</a>		Mobile:9942619776	

### **Publications (International Journals)**

1. R. Anandarasu, S. Surendhiran, S. K. Krishna, V. Devabharathi, A. Balamurugan, Y. A. Syed Khadar, 2022, 'Monodisperse Ceria Nanoparticles Synthesized One Phase System by Hydro-solvothermal Method: Evaluation of its Anticorrosive Properties', International Conference on Advances in Materials, Computing and Communication Technologies AIP Conf. Proc. 2385, 020005-1 to 9
2. K. L. Palanisamy, K. Vignesh, V.Devabharathi, 2021, 'Superparamagnetic Iron Oxide Nanoparticles Synthesis by Carrier Oils Stabilization', Journal of Nanotechnology and Nano-Engineering, Vol. 07, pp. 18-23
3. Y.A. Syed Khadar, S. Surendhiran, V. Gowthambabu, S Halimabi Alias Shakila Banu, V. Devabharathi, A. Balamurugan, 2021 'Enhancement of corrosion inhibition of mild steel in acidic media by green-synthesized nano-manganese oxide' Materials today proceedings, Volume 47, Part 4, 2021, Pages 889-893.
4. A.Balamurugan, M.Sudha, S.Surendhiran, V.Devabharathi, Y.A. Syed Khadar, 2020, 'Effect of Calcination Process On Structural and Optical Properties of Tungsten Doped ZnO Nanostructures', International Journal of Multidisciplinary, Vol. 05, pp. 21-26.
5. K. L. Palanisamy, V. Devabharathi, N Meenakshi Sundaram, 2015 ' Stability Analysis Of Carrier Oils Mediated Iron Oxide Nanoparticles And Its Photodegradation Studies' , Int. J. Chem. Ssci., Vol 13(1), 501-513.
6. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Corrosion Inhibition Studies Of Mild Steel With Carrier Oil Stabilized Of Iron Oxide Nanoparticles Incorporated Into A Paint', International Journal of Chem Tech Research, vol.7, no.4, pp.1661-1664.

7. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Influence of pH on the performance of ZnO nanocrystal based dye sensitized solar cells', Superlattices and Microstructures , vol.75, pp. 99-104.
8. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Orange fruit mediated synthesis and characterisation of silver nanoparticles, International Journal of Chem Tech Research, vol.6, no.7, pp.3473-3477.
9. V.Devabharathi, K.L.Palanisamy & N.MeenakshiSundaram 2014, 'Role of annealing temperature and pH on structural and optical properties of ZnO nanocrystals by precipitation method' International Journal of Chem Tech Research, vol.6, No.14, pp.5485 -5489.
10. K.L.Palanisamy, N.MeenakshiSundaram, V.Devabharathi & P.Thangarasu, 2013 'Synthesis and characterization of olive oil mediated iron oxide nanoparticles' Digest Journal Of Nanomaterials And Biostructures, Vol. 8, No. 2, pp. 607 – 612. Impact factor 1.092
11. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'Investigation of carrier oil stabilized iron oxide nanoparticles and its antibacterial activity', 2014, African Journal of Biotechnology, vol.1, no.18, pp.1915-1919. Impact factor 0.654
12. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2013, 'The utility of magnetic iron oxide nanoparticles stabilized by carrier oils in removal of heavy metals from waste water' Impact: International Journal of Research in Applied, Natural and Social Sciences (Impact: IJRANSS) Vol. 1, no.4, pp. 15-22.
13. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2013, 'Water treatment studies of SPIONs treated with Olive Oil', Nano Vision, Vol.3, No.3, pp.161-167.
14. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'Antibacterial study of olive oil stabilized superparamagnetic iron oxide nanoparticles', International Journal of Phyto Pharmacy Research, Vol 5, no.1, 48-52.
15. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'Corrosion inhibition studies of mild steel with carrier oil stabilized iron oxide nanoparticles incorporated into a paint', International Journal of Chem Tech Research
16. K.L.Palanisamy, V.Devabharathi & N.MeenakshiSundaram 2014, 'stability assessment of olive oil and linseed oil stabilized iron oxide nanoparticles and photodegradation studies of olive oil stabilized iron oxide nanoparticles', International Journal of Chemical Sciences
17. A. Balamurugan, M. Sudha, S. Surendhiran, V. Devabharathi, Syed Khadar 2020 , 'Effect of calcination process on structural and optical properties of tungsten doped ZnO nanostructures', International Journal of Multidisciplinary, Vol. 5, No.5, pp. 15-22

#### **Publications (International Conferences)**

1. Palanisamy, KL, Devabharathi, V, Meenakshisundaram, N & Rajendran, V 2010, 'Olive oil mediated synthesis and characterization of iron oxide nanoparticles', Proceedings of International Conference on Nanomaterials and Nanotechnology, Published in Synthesis and Characterization of Nanostructured Materials, Ed. V. Rajendran, K.Saminathan, B. Hillebrands & K.E. Geckeler, Macmillan Publishers India Ltd., ISBN 023-033-193-9, pp. 311-316.

2. Palanisamy, KL, Devabharathi, V, Thangarasu, P, Meenakshisundaram N & Rajendran, V 2011, 'Low temperature synthesis and characterization of Metal oxide nanoparticles' Proceedings of ICNN, pp. 93
3. Maheswari, S, Thambidurai, M, Soundararajan, D, Mangalraj, D, Nataraj, D, Palanisamy, KL, Devabharathi, V, & Thangarasu, PT, 2010, 'Preparation and Characterization of Nanocrystalline  $Zn_{1-x}Co_xO$  Thin Films Prepared by Sol-gel Method', Proceedings of International Conference on Nanomaterials and Nanotechnology, Published in Synthesis and Characterization of Nanostructured Materials, Ed. V. Rajendran, K. Saminathan, B. Hillebrands & K.E. Geckeler, Macmillan Publishers India Ltd., ISBN 023-033-193-9, pp. 207-212.

### **Books /Instruction materials/monograms published**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Engineering Physics	Dr.J.C.Kannan, Dr.V.Devabharathi & Dr.D.madhan	Charulatha Publications, 24, Thambaiyah road, Chennai-33	2019

### **Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member**



Name	KALIMUTHU Y			
Department	EEE			
Qualification	M.E			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	06-06-2012			
Experience (as on 31.05.2020)	Teaching:9.11 years	Industry:00	Others: 00	
Number of Papers Published	National Journals      00	International Journals      01		
Number of Papers Presented	National Conferences : 05	International Conferences : 03		
Books Published	National Publisher      00	International publisher      00		
Contact Details	E Mail:ykalimuthu@gmail.com		Mobile: 9994407293	

#### **Publications (International Journals)**

1. V.Vaithianathan, Raja.J and Kalimuthu.Y, “Low Power CMOS LNA for Multi-Standard Wireless Applications”, Journal of Advance Engineering Technology, Vol.I, Issue II, pp.220-230,2010.

#### **Publications (International Conferences)**

1. Kalimuthu.Y, “Analysis and Implementation of BFS Algorithm for Devotees Tracking using ZIGBEE Wireless Sensor Network”, International conference on Engineering and Applied Science, Vetri Vinayaha College of Engineering and Technology, Trichy, 28<sup>th</sup> February, 2015.
2. Kalimuthu.Y, “Automatic Load Sharing of Transformer using WIFI Technology”, International conference on Recent Trends in Engineering and Technology’17, K S R Institute for Engineering and Technology, Tiruchengode, 17<sup>th</sup> March, 2017.
3. Kalimuthu.Y, “Face Recognition with Raspberry PI Technology”, International conference on Recent Trends in Engineering and Technology’17, K S R Institute for Engineering and Technology, Tiruchengode, 17<sup>th</sup> March, 2017.

#### **Publications (National Conferences)**

1. Kalimuthu.Y, “Low Power CMOS LNA for Multi-Standard Wireless Applications”, National Conference on VLSI, Embedded Systems, Signal Processing and Communication Technologies, Aarupadai Veedu Institute of Technology, Chennai, 2<sup>nd</sup>-3<sup>rd</sup> April, 2010.

2. Kalimuthu.Y, “Efficient Zigbee Based WSN Using Enhanced Switching Agent with Location Aided Routing”, 4<sup>th</sup> National conference on Recent Advancements and Challenges in Electrical Science, Institute for Road and Transport Technology, Erode, 27<sup>th</sup>-28<sup>th</sup> February, 2014.
3. Kalimuthu.Y, “Target Detection Using Ripple Algorithm on a Real Time Monitoring System”, 4<sup>th</sup> National conference on Recent Advancements and Challenges in Electrical Science, Institute for Road and Transport Technology, Erode, 27<sup>th</sup>-28<sup>th</sup> February, 2014.
4. Kalimuthu.Y, “Design of BFS Algorithm for Devotees Tracking using Wireless Sensor Network”, 5<sup>th</sup> National conference on Recent Trends in Electrical Science, Institute for Road and Transport Technology, Erode, 26<sup>th</sup> February, 2015.
5. Kalimuthu.Y, “Android Based Infotainment and ADAS Analysis for Vehicle ”, 5<sup>th</sup> National conference on Recent Trends in Electrical Science, Institute for Road and Transport Technology, Erode, 26<sup>th</sup> February, 2015.

### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member

Name	K.M.PRIYADHARSHINI			
Department	EEE &Assistant Professor			
Qualification	M.E			
Area of Specialization	POWER SYSTEMS ENGINEERING			
Date of Joining (KSR IET)	01-06-2015			
Experience (as on 01.06.2020)	Teaching: 3year	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 00		International Conferences : 02	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail:kmpriyadharshini24@gmail.com Mobile:9003372985			

#### **Publications (International Conferences)**

1. K.M.Priyadharshini, "Power Quality Disorder Detection in Micro Grid Connected Power System", International conference on Renewable Energy, Coimbatore Institute of Technology, Coimbatore , 2015.
2. K.M.Priyadharshini, "Power Quality Disturbance Detection and Islanding in MicroGrid Connected Distributed Generation Using Fast Fourier Transform", International conference on Innovations in Science, Engineering ,Technology and management, Paavai College of Engineering , 13<sup>th</sup> April 2014.

Name	MEENATCHI K			
Department & Designation	EEE & Assistant Professor			
Qualification	M.E.			
Area of Specialization	EMBEDDED SYSTEMS			
Date of Joining (KSR IET)	01-06-2014			
Experience (as on 01.06.2020)	Teaching: 6 yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 01		International Conferences : 01	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: meenatchik26@ksriet.ac.in Mobile: 7708843887			

#### **Publications (International Conferences)**


1. K.Meenatchi, “Multiple Object Tracking and Segmentation in Video Sequences”, International Conference on Global Innovations in Computing Technology, Jay Shriram Group of Institutions, India and St. Francis Xavier University, Canada on 06<sup>th</sup> and 07<sup>th</sup> March 2014.

#### **Publications (National Conferences)**

1. K.Meenatchi, “Multiple Object Tracking and Segmentation in Video Sequences”, National Conference on Recent Trends in Engineering and Technology, K S R Institute for Engineering and Technology, India on 12<sup>th</sup> March 2014

#### **Books /Instruction materials/monograms published**

<b>S.No</b>	<b>Title of the Book</b>	<b>Author(s)</b>	<b>Name &amp; Address of the Publisher</b>	<b>Year of Publishing</b>
1.	Embedded Systems (monogram)	Meenatchi K	Department of EEE K S R Institute for Engineering and Technology	2019

Name	A.JEEVITHA			
Department	EEE			
Qualification	M.E.,			
Area of Specialization	POWER SYSTEMS ENGINEERING			
Date of Joining (KSR IET)	01-06-2017			
Experience (as on 31.12.2021)	Teaching:4.7yrs	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 01	
Number of Papers Presented	National Conferences : 01		International Conferences : 01	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail:jeevithaarjunan@gmail.com		Mobile:7904400867	

#### **Publications (International Journals)**

1. A.Jeevitha, S.Devi, “An Enhanced Fault Detection during Power Swing/Angular Instability using Park’s Transformation”, Indonesian Journal of Electrical Engineering and Computer Science, Vol.2, No.1, pp.23-31, 2016.

#### **Publications (International Conferences)**

1. A.Jeevitha, “Symmetrical Fault Detection of Distance Relay to prevent Cascade Tripping during power Swing”, Online International conference on Green Engineering and Technologies, Karpagam Engineering College, Coimbatore, 15<sup>th</sup> & 16<sup>th</sup>, November, 2015.

#### **Publications (National Conferences)**

1. A.Jeevitha, “An Enhanced Discrimination technique of Distance Relay for power transmission lines during power swing and voltage instability”, National Conference on Renewable Energy, PSG College of Technology, Coimbatore, 22<sup>th</sup> & 23<sup>th</sup> April, 2016.

Name	K.INDUMATHI			
Department	EEE			
Qualification	M.E			
Area of Specialization	POWER SYSTEMS			
Date of Joining (KSR IET)	09-06-2017			
Experience (as on 21-12-2021)	Teaching: 4.7yrs	Industry: 00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 01	
Number of Papers Presented	National Conferences : 00		International Conferences : 03	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: indukumarks23@gmail.com      Mobile:8883299960			

#### **Publications (International Journals)**


1. M.Kalyanasundharam, S.Sureshkumar, K.Indumathi, “A Novel Approach of Power Quality Improvement using UPQC along with Microgrid”, International Journal of Chem Tech Research, Vol.10, No.14, pp.213-219, 2017.

#### **Publications (National Journals)**

1. M.Kalyanasundharam, S.Sureshkumar, K.Indumathi, “A Novel Approach of Power Quality Improvement using UPQC and IUPQC along with Microgrid based on Decision Tree Algorithm” , Vivekanandha College of Engineering for Women, Thiruchengode, 8<sup>th</sup> and 9<sup>th</sup> March 2017.
2. M.Kalyanasundharam, S.Sureshkumar, K.Indumathi, “A Novel Approach of Power Quality Improvement using IUPQC along with Microgrid”, Karpagam College of Engineering, Coimbatore, 17<sup>th</sup> and 18<sup>th</sup> March 2017.

M.Kalyanasundharam, S.Sureshkumar, K.Indumathi, “A Novel Approach of Power Quality Improvement using UPQC along with Microgrid”, Karpagam College of Engineering, Coimbatore, 1<sup>st</sup> and 2<sup>nd</sup> April 2017.

<b>Name</b>	MEENA S			
<b>Department</b>	EEE			
<b>Qualification</b>	M.E.			
<b>Area of Specialization</b>	POWER ENGINEERING AND MANAGEMENT			
<b>Date of Joining (KSR IET)</b>	01-07-2021			
<b>Experience (as on 21-12-2021)</b>	<b>Teaching: 06 Months</b>	<b>Industry: 00</b>	<b>Others: 00</b>	
<b>Number of Papers Published</b>	<b>National Journals : 00      International Journals : 00</b>			
<b>Number of Papers Presented</b>	<b>National Conferences : 00      International Conferences : 00</b>			
<b>Books Published</b>	<b>National Publisher : 00      International publisher : 00</b>			
<b>Contact Details</b>	<b>E Mail: meenasathiyabal@gmail.com      Mobile: 9500977762</b>			

Name	DIVYABHARATHI P			
Department & Designation	EEE & Assistant Professor			
Qualification	M.E.			
Area of Specialization	EMBEDDED SYSTEM TECHNOLOGIES			
Date of Joining (KSR IET)	08-03-2021			
Experience (as on 01.06.2020)	Teaching: 01	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00	International Journals	00	
Number of Papers Presented	National Conferences : 00	International Conferences	: 00	
Books Published	National Publisher : 00	International publisher	00	
Contact Details	E Mail: pdivyae97@ksriet.ac.in Mobile: 9444832239			




Name	R. KANAGASELVAM			
Designation & Department	ASSISTANT PROFESSOR OF ENGLISH			
Qualification	M.A., M.PHIL, (Ph.D.)			
Area of Specialization	ENGLISH			
Date of Joining (KSR IET)	06.07.2015			
Experience (as on 01.06.2020)	Teaching:5	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 00		International Conferences : 03	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: rkselfvam729@gmail.com Mobile: 7373489495			

### **Publications (International Conferences)**

1. R. Kanagaselvam, “The Representation of Nature in William Wordsworth’s Tintern Abbey”, International Seminar on Nature in the Perspectives of Tamil and English Writers, KSR College of Arts and Science for Women, Tiruchengode, 11<sup>th</sup> December, 2015.
2. R. Kanagaselvam, “The need for equal status in D.H. Lawrence’s The Lost Girl”, International Research conference on Gender Conflicts as Evident in Contemporary English Literature, KG College of Arts and Science, Coimbatore, 13<sup>th</sup> February, 2017.
3. R. Kanagaselvam, “Battle of Life and Death in Ernest Hemingway’s *The Old Man and the Sea*”, International Seminar on Nautical Literature, Nanjil Catholic College of Arts and Science, Kaliakkavilai in collaborations with Dhofar University, Sultanate of Oman and Association for Cultural and Scientific Research, 3 & 4 August 2018.

### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 92599)
- English Language Teachers’ Association of India (ELTAI) – Member (30009208)

Name	P.UMADEVI			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil.,			
Area of Specialization	-			
Date of Joining (KSR IET)	18.11.2020			
Experience (as on 01.01.2018)	Teaching: 5 years 4 Months	Industry:00	Others: 00	
Contact Details	E Mail: umacbe35@gmail.com		Mobile: 9489148166	

## ECE DEPARTMENT

Name	Dr.R.NANDAKUMAR			
Department	ECE			
Qualification	B.E., M.E., Ph.D.,			
Area of Specialization	Image Processing			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.01.2022)	Teaching: 22.6 Years	Industry:-	Others: -	
Number of Papers Published	National Journals : -		International Journals	19
Number of Papers Presented	National Conferences : 10		International Conferences : 11	
Number of Patents	Filed 5 patents			
Books Published	National Publisher : - 1		International publisher : -	
Contact Details	E Mail: drrnandakumar@gmail.com    Mobile: + 91 9600892211			

### **PUBLICATIONS 40**

#### **International Journals: 19**

- (1) An IoT- Enabled Augmented Reality Framework for Plant Disease Detection. *Revue d' Intelligence Artificielle* (2021), vol.35, No. 3, June 2021, pp. 185 – 192.
- (2) "A Survey on Mathematical, Machine Learning and Deep Learning Models for COVID-19 Transmission and Diagnosis." *IEEE reviews in biomedical engineering* (2021).
- (3) "Smart bi-facial solar inverter with effective charging system." *Materials Today: Proceedings* (2021).
- (4) "An improved two-way secure key supervision (tsks) scheme for secure scada." *Materials Today: Proceedings* (2021).

- (5) "SMART SHOE USING PIEZOELECTRIC EFFECT " Suraj Punj Journal For Multidisciplinary Research. Volume 11, Issue 4, 2021, pp. 290 - 293, ISSN NO: 2394-2886.
- (6) "INTELLIGENT LUMINOUS CONTROL" Suraj Punj Journal For Multidisciplinary Research. Volume 11, Issue 4, 2021, pp. 294 - 298, ISSN NO: 2394-2886.
- (7) " Feature Extraction for the Classification of Human Chromosomes from G-Band Images using Wavelets " International Journal of Engineering Research & Technology. Volume 8, Issue 17, 2020, pp. 67 - 72, ISSN: 2278-0181
- (8) "Health Management Of Crop Precision With Smart Farming Technologies Using Iot." *Solid State Technology* 63.5 (2020): 5686-5692.
- (9) ‘Detection of Abnormalities in Kidneys Using Image Processing’, International Journal of Emerging Trends in Engineering Research, 8(10), October 2020, 6750 – 6756.
- (10) ‘Deep learning based modulation classification for 5G and beyond wireless systems’, Peer-to-Peer Networking and Applications (2020), <https://doi.org/10.1007/s12083-020-01003-3> (Springer)
- (11) ‘Data-Driven Methods for Next Generation of Wireless Communication Networks ’, International Journal of Advanced Trends in Computer Science and Engineering, 9(4), July – August 2020, 4696 – 4700.
- (12) ‘Speed-bump Detection using Otsu's Algorithm and Morphological Operation’, International Journal on Emerging Technologies 11(3): 989-994(2020), ISSN No. (Print): 0975-8364, ISSN No. (Online): 2249-3255.
- (13) ‘An Implementation of GFDM Transmitter for 5G Waveform Generation’, Journal of Xi'an University of Architecture & Technology Volume XII, Issue VI, 2020, pp.1877-1882, ISSN No : 1006-7930.
- (14) ‘A Review on Block Chain Technology Applications with an Emphasis on Health Care’, International Journal of Advanced Science and Technology Vol. 29, No. 7s, (2020), pp. 4835 – 4839.
- (15) ‘Analysis of Abnormalities In Common Carotid Artery Images Using Multiwavelets’ , ICTACT Journal on Image and Video Processing, vol. 7, no. 2, pp.345-1350, ISSN: 0976-9102.
- (16) ‘Mathematical modeling of common carotid artery using polynomial interpolation by automated lumen segmentation and estimation of numerical attributes’, International Journal of Applied Engineering Research, vol. 10, no. 20, pp.18836-18842, ISSN: 0973-4562.

- (17) 'Automated boundary detection and measurement of common carotid artery attributes using transversal B –mode ultrasound images', Australian Journal of Basic and Applied Sciences, vol. 9, no. 27, pp. 181-186, ISSN: 1991-8178.
- (18) 'Feature Extraction and Pairing of G-band Chromosome Images using K-Nearest Neighbour Classifier' International Journal of 'Computer Science and Technology' vol. 3, no. 2, pp. 137-140, ISSN: 0976-8491.
- (19) 'A CAD System for Lung Nodule Detection using Neural Network' International Journal of 'Biomedical Engineering and Consumer Health Informatics, vol. 1, no. 1, pp. 35-38, ISSN: 0973-6727

### **International Conferences: 11**

- (1) " A Neural Network based Classifier for Lung Nodule detection" in International Conference on Global Trends in Bio medical Informatics: Research, Education and Commercialization organized by Sai's Biosciences Research Institute Private Ltd, Chennai, January 2008.
- (2) "Prenatal detection of fetal abnormalities: A Review" in 'Fifth International Conference on Medical Informatics & Telemedicine(MEDITEL 2008)' organized by Medical Computer Society of India, December 2008.
- (3) "BIST pattern generation with LT-RTPG and 3-Weight Weighted random BIST" in '3<sup>rd</sup> International Conference on Intelligent systems and control' organized by Karpagam College of Engineering, February 2009.
- (4) "Power optimized leading zero-counting and anticipation logic for high speed floating point units" in International Conference on 'Future Engineering Trends – ICFET 2010' organized by Saveetha School of Engineering, Chennai, April, 2010.
- (5) 'Automatic Classification of Human chromosomes using G-band chromosome image' at International Conference on 'Science, Engineering and Technology', December 2011.
- (6) 'VLSI Implementation for efficient noise removal of Impulse noise using Image Denoising Techniques' in the International Conference on 'Advances in Electrical & Electronics, Information, Communication & Bio-Informatics sponsored by IEEE, IETE & CSIR., January 2012.
- (7) 'Automatic pairing of Human chromosomes using G- band chromosome image' at 'International Conference on Molecular Medicine: MOLMED-2012 at VIT University.
- (8) 'Automated Lumen segmentation and Estimation of Numerical attributes of Common Carotid Artery using Longitudinal B-mode Ultrasound Images', in

**IEEE-EMBS special topic conference on Point-of-Care(POC) Healthcare Technologies, 16-18 January 2013, Bangalore. ( Scopus & h- index 1)**

- (9) “Mathematical Modeling of Common Carotid Artery Using Polynomial Interpolation by Automated Lumen Segmentation and Estimation of Numerical Attributes” in IEEE Sponsored 2<sup>nd</sup> International Conference on Innovations in Information, Embedded and Communication systems (ICIIECS) March, 2015.
- (10) Transform Domain Analysis of Common Carotid Artery Images using Multiwavelets for the Diagnosis of Cardiovascular Diseases in International Conference on Applications of Fractals and Wavelets, January 2015.
- (11) “Internet of Things: A survey and challenges on security and threats”, International conference on Advances in Computing, Communication, Automation and Biomedical Technology, December 2020.

**National Conferences: 10**

- (1) “Safety automation of cars using Embedded Microcontrollers” in ‘National Conference on Computational Intelligence and Network Security’ (NCCINS’07) at Vivekananda College of Engineering for Women, March 2007.
- (2) “FPGA Implementation of Nonzero clock skew circuits” in the fifth national conference on ‘ Application of Emerging Technologies’ at Adhiyaman College of Engineering, March 2008.
- (3) “A BIST TPG for high fault coverage and switching activity reduction” in ‘National Conference on Advances in communication systems’ organized by St.Joseph’s College of Engineering and Technology, Palai, March 2009.
- (4) ‘Integration of Generic Skills in Engineering Education: Paradigm Shift’ in 13<sup>th</sup> ISTE Annual Convention at K.S.Rangasamy College of Technology, October 2010
- (5) ‘Development of A Chromosome Recognition System Using Neural Network’ in the Second National Conference on System Design and Information Processing, February 2011 at Excel College of Engineering for Women.
- (6) ‘Feature Extraction and Classification of Chromosome Images by using Wavelet Transform’ in National Conference on Electronics System Informatics and Cybernetics’, March 2011 at PSNA College of Engineering and Technology.
- (7) ‘Development of an Automated Chromosome Classification System’ in the National Conference on ‘Telecommunication & Control Engineering’, January 2012 at PGP Institute of Technology.

- (8) ‘Automized Safe AC system in Cars’ in National Conference on “ Futuristic Automotive Technologies” March 2018 at Hindustan Institute of Technology.
- (9) ‘Design of Child Rescue Robot for Borewell accidents Using Raspberry-Pi in 2<sup>nd</sup> National Conference on “Cutting Edge Innovations in Engineering and Technology”, March 2019 at Cheran College of Engineering.
- (10) ‘Real Time Monitoring System for Aquaculture using IOT” in “Second National Conference on Emerging Engineering and Technology”, May 2020 at Vignana Bharathi Institute of Technology, Hyderabad.

#### SPONSORED RESEARCH

S.No	Title of the Project	Funding Agency	Amount	Role and period
1	An Image Processing System for Early Detection of Cardiovascular Diseases	AICTE - RPS	Rs 10,00,000	Co Investigator 2012-2015

#### PATENTS APPLIED

S.No	Title of the Invention	Application Number	Publication Date
1	A SYSTEM AND METHOD OF PESITICIDE DETECTION IN FRUITS AND VEGETABLES	202041032225	21.08.20
2	AN IMPROVED BELBIC CONTROLLER FOR PMBLDC MOTOR DRIVES USING EMOTIONAL LEARNING TECHNIQUES	202041030788A	07.08.20
3	DOOR HANDLE SANITIZER DISPENSER	20204102744A	10.07.20
4	A NOVEL METHOD FOR DETECTION OF QUALITY OF APPLES USING EDGE DETECTION APPROACH	202041025188A	19.06.20
5	A METHOD FOR RAINFALL PREDICTION USING ARTIFICIAL NEURAL NETWORKS	202011056465A	01.01.21

## SPONSORED PROGRAMMES ORGANISED

S.No	Title of the Programme	Funding Agency	Amount	Role and Academic year
1	Online Short Term Training Programme (STTP) on “Long Range ( LoRa) Wireless Area Networks: A Futuristic Approach ”	AICTE	Rs 3, 85,333	Coordinator 2020- 2021
2	FDTP on “EC6602 – Antenna and Wave Propagation”	Anna University	Rs 40,000	Co-cordinator 2017-2018
3	SDP on Pattern Recognition for Medicine: A Knowledge Engineering Approach	AICTE	Rs 6,00,000	Co-cordinator 2010-2011
4	Current and Future Trends in Medical Image processing and Analysis	AICTE	Rs 2,00,000	Organaising Secretary 2008-2009

## PROJECT CONTESTS GUIDED

S.No	Contest Name	Title of the project	Industry name	Year
1.	India Innovation Challenge Design Contest 2018	Robot Rescuer	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2018
2.	Student Project Scheme	Robot Rescuer	Tamil Nadu State Council for Science and Technology	2018
3.	Student Project Scheme	ARDUINO Based Automatic Engine Locking System For Overload Vehicles	Tamil Nadu State Council for Science and Technology	2017
4.	India Innovation Challenge Design Contest 2017	Autonomous Fire Fighting Robot Using MSP 430Launchpad	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2017
5.	India Innovation Challenge Design Contest 2016	Vehicle Driver Assistance System using MSP430 Controller	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2016
6.	Student Project Scheme	Accident prevention in hill station using ultrasonic sensor	Tamil Nadu State Council for Science and Technology	2016



## AWARDS RECEIVED

- “BEST TEACHER AWARD” from Junior Chamber International (JCI- Erode) 2018.
- “BEST SUPERVISOR AWARD” from IE chapter, India.
- “DISTINGUISHED PROFESSOR AWARD” from NOVEL RESEARCH ACADEMY, Puducherry, India
- “BEST ADMINISTRATOR AWARD “from The Institution of Engineers ( India)

<b>FUNDING PROPOSALS SUBMITTED</b>	<b>17</b>
<b>UG &amp; PG PROJECTS GUIDED</b>	<b>23</b>
<b>GUEST LECTURES DELIVERED</b>	<b>59</b>
<b>PROGRAMMES PARTICIPATED</b>	<b>42</b>
<b>PROGRAMMES ORGANIZED</b>	<b>61</b>
<b>BOOKS PUBLISHED</b>	


S.No	Title of the Book	Author(s)	Name of the Publisher	Year of Publish
1.	VLSI Design	Dr.R.Nandakumar G.Gowtham Raj	Charulatha Publications	2017-2018

## PROFESSIONAL MEMBERSHIPS

- LIFE MEMBER of ISTE & IETE
- MEMBER IEEE

## ADDITIONAL PROFESSIONAL RESPONSIBILITIES

- ❖ Training & Placement Coordinator, KSRIET for the past 10 years and coordinating skill development, skill assessment, corporate relations and campus recruitment.
- ❖ Coordinator and Treasurer, Staff Club, KSRIET for the past nine years and conducting staff welfare programs.
- ❖ President, JCI TIRUCHENGODE KSRIET, for the year 2108 & 2019 and organizing individual and community development programs
- ❖ Staff Coordinator for SELACE – Society of Electronics And Communication Engineers Association, KSRCT for six years. Organized National level Students symposiums, seminars, guest lectures, soft skill trainings, competitions and Hardware Exhibitions.
- ❖ Placement Coordinator, Dept of ECE, KSRCT for five years. Guided and Motivated the students in the placement activities. Trained the students for company Interviews and produced a very good placement record.
- ❖ Secretary, Alumni Association, KSRCT for two years and worked as joint secretary for six years.
- ❖ Training Coordinator, Training Cell, KSRCT for five years. Coordinated all training programs for soft skills and career competency Development.
- ❖ CCD Coordinator, KSRCT for five years. Designed Career Competency Development Course in Autonomous Curriculum. Developed syllabus, execution methodologies and coordinated training activities related to the course.

Name	P.GOVINDARAJU			
Department	ECE			
Qualification	B.E., M.E., M.B.A., (Ph.D).,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.01.2020)	Teaching:14Y 7M	Industry: -	Others: -	
Number of Papers Published	National Journals : -		International Journals	01
Number of Papers Presented	National Conferences : 04		International Conferences	: 01
Books Published	National Publisher : -		International publisher	: -
Contact Details	E Mail: pgovindaraju11@gmail.com      Mobile: 9952255006			

#### **Publications (International Journals)**

1. P.Govindaraju, „Implementation of Automatic Fertigation System by Measuring the Plant Parameters“, International Journal of Engineering Research & Technology (IJERT), Volume. 3, Issue. 10, ISSN: 2278 – 0181, October – 2014.

#### **Publications (International Conferences)**

1. “Condition Monitoring of Transmission Line Insulators using PMU for Smart Grid Environment”, International Conference on Intelligent & Advanced Systems, Kuala Lumpur, Malaysia on 15.08.16 to 17.08.16

### **Publications (National Conferences)**

1. “Test Data Compression for IP Cores with multiple scan using Huffman Coding”, National Conference on Communication and Signal Processing (NCCSP-2009) organized by ELCOMM Association, Department of ECE, SSM college of Engineering, Komarapalayam on 21<sup>st</sup> March, 2009.
2. “Multilevel Huffman Based Test Data Compression for IP Cores”, National Conference on Advanced Communication and Computing organized by Paavai College of Engineering, Namakkal on 2<sup>nd</sup> April, 2009.
3. “Monitoring of High Voltage Transmission Line: A Survey of WSN Simulator Tools”, 13<sup>th</sup> National Conference on Emerging Scenario in Power Engineering and Electrical Drives (eSpeed-2017) organized by Department of EEE, K.S.Rangasamy College of Technology, Tiruchengode on 6 & 7<sup>th</sup> April, 2017.
4. “Fingerprint based Medical Information and Online First Aid Recommender for emergency”, National Level Web Conference – Advanced Electrical Computing & Communication Technology (AECCT 2020) organized by Department of Electrical Sciences, Adithya Institute of Technology on 5<sup>th</sup> & 6<sup>th</sup> June, 2020.

### **Online Certification:**

S.No	Name of the Course	Conducted by	Duration	Score
1.	Basic Electronics	NPTEL IIT, Bombay	Jan – Apr 2017	69% (Elite)
2.	Introduction to Philosophy	The University of Edinburgh and offered through Coursera	24.04.2020	-
3.	Getting Started with AWS Machine Learning	Amazon Web Services and offered through Coursera	28.04.2020	-
4.	Introduction to Calculus	The University of Sydney and offered through Coursera	03.05.2020	-

5.	Discover how metrics can boost funding and networking opportunities	Researcher Academy - Elsevier	24.04.2020	-
6.	Funding Hacks for Researchers	Researcher Academy - Elsevier	24.04.2020	-
7.	How to secure funding - ECR edition	Researcher Academy - Elsevier	24.04.2020	-
8.	Python Basics	Udemy	08.05.2020	-
9.	CNN for Computer Vision with Keras and Tensor Flow in Python	Udemy	08.05.2020	-
10.	Complete Machine Learning with R Studio – ML for 2020	Udemy	08.05.2020	-
11.	Python Programming Made Easy: A Concise Python Course	Udemy	09.05.2020	-

**Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

S. No	Name of the Programme	Type of the Programme	Organized by	Period
1.	FDP on “Embedded System ARM”	FDP	KSR Polytechnic College, Tiruchengode.	18.02.09 & 19.02.09
2.	FDP on “Essential skills for Effective Professionals”	FDP	PSG Polytechnic College, Coimbatore	07.03.09
3.	Workshop on “Real time Embedded Systems”	Workshop	Vi Microsystems Pvt. Ltd., Chennai	30.10.09
4.	Workshop on “Embedded System”	Workshop	Kongu Engineering College, Perundurai	11.12.09 & 12.12.09
5.	FDP on “Mind without Fear”	FDP	Anna University, Chennai	09.07.2012
6.	Two – week ISTE workshop on “Analog Electronics”	Workshop	IIT, Kharagpur	04.06.13 to 14.06.13
7.	AICTE Sponsored FDP on “Recent Technology in Optical WDM Networks, Burst Switching Networks and Sensor Networks: A Scalable Approach”	FDP	Excel College of Technology, Pallakkapalayam	08.07.13 to 20.07.13

8.	FDP on “VLSI Design Using Tanner and Mentor Graphics Tools”	FDP	Trident Techlabs Pvt. Ltd., Chennai	30.08.13 & 31.08.13
9.	TEQIP-II Sponsored one week FDP on “ Digital and Analog VLSI Design”	FDP	Coimbatore Institute of Technology, Coimbatore	20.11.13 to 26.11.13
10.	One day workshop on “Research Methodology”	Workshop	Anna University, Chennai	16.12.14
11.	One day workshop on “ Wireless Sensor Networks and its use in Internet of Things”	Workshop	Anna University, Chennai	20.11.15
12.	One day Seminar on “Opto Electronic Devices”	Seminar	M.P.N.M.J Engineering College, Chennimalai	28.09.16
13.	FDP on “ Learning Improvement Techniques”	FDP	IIT, Madras	09.11.16 to 11.11.16
14.	FDP on “ Learning Improvement Techniques”	FDP	IIT, Madras	01.11.17 to 03.11.17
15.	One day Seminar on “Cyber Security & Ethical Hacking”	Seminar	KSR Institute for Engineering and Technology	05.01.19
16.	Instructional and assessment char of OBE framework and hands-on practices for designing and mapping outcomes	Workshop	K S R Institute for Engineering and Technology	19.11.19 to 21.11.19
17.	One day Workshop on “Intellectual Property Rights”	Workshop	Annapoorna Engineering College	29.02.20
18.	Five Days Online FDP on “Advanced Simulation Tools of Electronics Engineers “	FDP	S.A. Engineering College, Chennai	27.04.20 to 01.05.20
19.	3 Days Online FDP on “MOODLE”	FDP	VIT, Chennai	13.05.20 to 15.05.20
20.	Webinar on “Computer Networking in Action Using Wireshark (A Packet Sniffer Tool”	Webinar	RVS College of Engineering and Technology, Coimbatore	28.05.20
21.	Webinar on “Accelerating industry 4.0 – A post Covid Paradigm”	Webinar	ICT Academy	25.05.20 to 29.05.20

**Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Remarks
	From	To		
1.	07.09.19	-	One Day Workshop on “Modern Antenna Design”	
2.	22.09.16	23.09.16	Two Day National level hands on Workshop on “ Networking & Security”	
3.	16.10.15	-	One Day workshop for Higher Secondary Physics Teachers	
4.	31.01.15	-	One Day Tech+ workshop for Higher Secondary Physics Teachers	
5.	07.01.14	-	One Day Tech+ workshop for Higher Secondary Physics Teachers	
6.	05.07.13	12.07.13	Electronic Circuits Design and Simulation – Tech+ 2013	

**Awards and Achievements**

Name of the Award	Organization
Best Supervisor	The Institution of Engineers (India)
Best Faculty Advisor	The Institution of Engineers (India)

**Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member (LM 51438)**

Name	Dr.W.DEVAPRIYA			
Department	ECE			
Qualification	B.E., M.E., Ph.D.,			
Area of Specialization	DIGITAL IMAGE PROCESSING			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.01.2022)	Teaching: 15 Yrs	Industry: 1.5 Yrs	Others: -	
Number of Papers Published	National Journals:-International Journals:03			
Number of Papers Presented	National Conferences:10 International Conferences: 04			
Books Published	National Publisher: -International publisher:-			
Contact Details	Email: w.devapriyya@gmail.com, wdevapriyya@ksriet.ac.in Mobile: 9442112071			

#### **Publications:**

##### **International Journals**

1. Devapriya, W& Nelson Kenned Babu, C 2016, ‘Indian Traffic Sign Recognition Using HSV Color Model and Kernel Extreme Learning Machine’, International Journal of Printing, Packaging & Allied Sciences, vol. 4, no. 5, pp. 3381-3391, ISSN: 2320-4387.
  2. Devapriya, W, Nelson Kennedy Babu, C & Srihari, T 2016, ‘Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach’, Circuits and Systems, vol. 7, pp. 2168-2175 ISSN: 2153-1293. IF – 0.88
  3. Devapriya, W, Babu, C & Srihari, T 2015, ‘Indian License Plate Detection and Recognition Using Morphological Operation and Template Matching’, World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, vol. 9, pp. 1012- 1018. ISSN: 2010-3778. IF - 1.04
-

## International Conferences

1. Devapriya, W, Nelson Kennedy Babu, C & Srihari, T 2015, ‘Advance Driver Assistance System (ADAS)—Speed Bump Detection’, IEEE International Conference on Computational Intelligence and Computing Research, Madurai, 10-12 December, 1-6. <http://dx.doi.org/10.1109/ICCIC.2015.7435753>
2. Devapriya, W, Nelson Kennedy Babu, C & Srihari, T 2015,2016, ‘Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach’,IEEE Sponsored World Conference on Futuristic Trends in Research and Innovation for Social Welfare(WCFTR'16) March 2016

## National Conferences

1. Dr. W.Devapriya, ‘Multitasking Robot for modern Agriculture’, National Conference on Recent Trends in Communication and Information technology (RTCIT- 17 &18) March 2018.
2. Dr. W.Devapriya ‘Automatic face recognition System for Visually Impaired person’, National Conference on Recent Trends in Communication and Information technology (RTCIT- 17 &18) March 2018.
3. Devapriya, W&Nelson Kennedy Babu, C 2016,‘Traffic sign Detection and Recognition using Support Vector Machine’, National Conference Trends in Engineering Applications and Management,Velalar College of Engineering and Technology, Erode, March.
4. Devapriya, W&Nelson Kennedy Babu, C 2016, ‘Speed Bump Detection’, 2016NCRTET, KSR Institute for Engineering and Technology, March.
5. W.Devapriya, ‘IOT Based GIS for Waste Disposal in Urban Scenarios’, International Conference on Recent Trends in Engineering and Technology (ICRTET 2k17) KSR Institute for Engineering and Technology, 17.03.17
6. Devapriya. W, 2008,‘Image retrieval using soft label SVM based on log BaderFS’, National Conference on recent advanced in computer Technologies, Karunya University, 28.03.2008



**Funding Proposals Submitted**

S.No	Title of The Programme	Name of the Funding Agency	Status	Academic Year
1.	_Digital Marketing – Boon to Farmers': Dissemination of Innovative TechnologyDIT 2019	TNSCST	Submitted	2018-2019
2.	STTP on -Internet Of Medical Things (IOMT) : Trends, Perspectives and Prospects of Machine Learning for Biomedical Applications	AICTE	Submitted	2018-2019
3.	FDTP on -EC6403 – Electromagnetic Fields	Anna University	Submitted	2015-2016

**Project Contests Guided**

S.No	Contest Name	Title of the project	Industry name	Year
1.	India Innovation Challenge Design Contest 2018		TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2018
2.	Student Project Scheme		Tamil Nadu State Council for Science and Technology	2018
3.	Student Project Scheme	Defusing The Bomb Using MSP430 and Android APP	Tamil Nadu State Council for Science and Technology	2017

4.	India Innovation Challenge Design Contest 2017	IOT Based GIS for Waste Disposal in Urban Scenarios	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	<b>Received</b> \$ 200 2017
5.	India Innovation Challenge Design Contest 2017	Defusing The Bomb Using MSP430 and Android APP	TEXAS INSTRUMENTS – sponsored by Department of Science and Technology (DST), IIM Bangalore	2017

**Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

- Seminar on ‘Cyber security and Ethical Hacking’ KSRInstitute for Engineering and Technology.
  - –Wavelet Video Processing Technology|| Dept of ECE, Nandha College of Technology
  - Writing Successful Proposal to Funding Agencies, R&D Cell, KSRIET
  - Seminar on –Research Methodology|| Dept. of EEE / KSRIET.
  - –Matlab and Simulink for Engineering and Research||, Design Tech Systems Limited at Hotel Zone by the Park, Coimbatore
  - National Seminar on — Deep Learning Challenges in Big Data Analytics||, SERB & Dept of ECE, KSRCT
  - Two days National Seminar, –Deep learning: Smart Tool for Big Data Challenge in Health Care||, Dept of ECE, KSRCT
  - Faculty Development Programme on –Medical Informatics Extraction Using Soft Computing Techniques||, Dept of ECE, KIOT
  - Workshop on –Microcontroller & ARM||, Dhanalakshmi Srinivasan College of Engineering, Coimbatore.
  - Workshop on –Application of Mathematical Models in Digital Image Processing||, Dept of ECE / University College of Engineering, Dindigul
  - Seminar on –Agilent Measurement||, Agilent Technologies.
-

- AICTE Sponsored Faculty Development Programme on –Research and Reconfigurable Embedded System for Medical Sciencell, Dept of EEE, KSRIET.
- National Workshop on –Mathematical Transform: Fundamentals and Research Applications Using MATLABl, Kongu Engineering College.
- Workshop on –Soft computing tools in Signal and Image Processing’s, Xavier Catholic College of Engineering.
- One day workshop, –Research opportunities in Digital Image Processing in today Scenarioll Signal and Image Processing Research Centre, Sona College of engineering.
- National level workshop on –Digital Image Processing and its Applicationsll, Cape Institute of Technology.
- National Workshop on –Research methodology for Engineering and Managementll, Dept of EEE, Kongu Engineering College.
- One day Workshop on –Recent Trends in advanced Communication Systemsll, Dept of ECE, Vivekanandha College of Engineering for Women.

#### **Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

- Workshop on –Signal and Image Processing using MATLABll Feb 2018
- Signal and Image Processing using MATLAB Department of ECE, K S R Institute for Engineering and Technology 03.02.18Organized Value added course on — Project based Learning using Matlabll, Dept of ECE,KSRIET
- Faculty Development Programme on –Foundation Programme on Electromagnetic fieldll,EQUIP Foundation & K S R Institute for Engineering and Technology
- Faculty Development Workshop on –Linear Integrated Circuitsll, Dept. of ECE, KSRIET
- National Symposium on Acoustics, KSRIET.

#### **Resource Person:**

- Resource person to –MATLAB Onramp Coursell
  - Jury for Various conference and Symposium.
  - Acts as a resource person to –Introduction of Digital Image processing –, for Dept EEE, KSRIET.
  - Acts as a resource person for workshop on –Signal and Image Processing using MATLABl, for other college students.
-

**Online Certificate:**

- **Mentor certificate** and Elite Grade on –DIGITAL IMAGE PROCESSING|| NPTEL & SWAYAM, 2018
- MATLAB Onramp online Course
- Deep Learning Onramp Online course
- **Elite Grade** –Digital Image Processing||
- SQL Certification – Certified by Expert Rating

**Consultancy Activities (Industry)**

S.No	Title of the Project	Name of the Company
1.	Smart Home using IOET	Enthu Technology Solutions India PVT LTD No. 88, SSN Square, PeelameduPudhur, Coimbatore - 641 004, Tamil Nadu.

**Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member (LM 84491)**
- **International Association of Engineers – (IAENG) (Member No: 119627)**


**Additional Professional Responsibilities**

- Department National Board of Accreditation (NBA) Coordinator
- Domain lead for Signal & Image processing domain
- Project Coordinator
- Editor in Journal – international journal of Key Scientific Research for Industrial Engineering and Technology (ijKSRIET)

**Subject Links**

<http://ksriet.org/login.php>

---

Name	Dr.S.PREMALATHA			
Department	ECE			
Qualification	B.E., M.E., Ph.D			
Area of Specialization	Signal processing			
Date of Joining (KSR IET)	01-06-2017			
Experience (as on 01.01.2022)	Teaching:10Y 8 M	Industry:2Y 9M	Others: -	
Number of Papers Published	National Journals : -		International Journals 06	
Number of Papers Presented	National Conferences : 05		International Conferences : 01	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: shineprem1@yahoo.co.in Mobile: 9942329398			

#### **Publications (International Journals)**

1. S.Premalatha & J.Muralidharan, "Modified FFT Algorithm and its application in Digital Image processing System", CIIT international Journal, March 2011.
2. S.Premalatha, "Voice Controlled Smart Wheelchair", International Journal for Scientific Research and Development, april 2018.
3. T Kesavamurthy, Mrs S Premalatha "Automated speech recognition system with noiseconsideration". Journal of Electrical Engineering, feb 2020.
4. Mrs S Premalatha, A Novel Step for the Enhancement of Security in ARIPORTS Using Optical Ideology
5. Dr.S.Premalatha," Gas Leakge Detector and Alert System on IOT", International Journalof Research and Analytical Reviews,march 2021.
6. Dr.S.Premalatha," Smart electricity meter with billing system using IOT", International Journal of Research and Analytical Reviews,march 2021.

#### **Publications (International Conferences)**

1. "Speech Recognition System using Tolerant Adder", International conference on "VLSI Computation, Networking, Drives ,Image processing &System Design",26 March 2015

### **Publications (National Conferences)**

1. "Speech Recognition using Error Tolerant Adder", National Conference on "Trends in Automotive parts Systems and Application", 20 & 21 March 2015
2. "Border Alert System for Fisherman using GPS Technology", National Conference on "Advanced Information and System for sustainable Developments in Electrical and Electronics Engineering", 27 March 2015.
3. "An Enhanced Error Compensation Design for Fixed width modified Booth Multiplier", National conference on Recent Trends in communication, Computation & VLSI, 21 February 2013.
4. "Modified FFT Algorithm and its application in Digital Image processing System", National conference on "Emerging Trends in Computer communication and Informatics", 10 & 11 March 2011.
5. "Error Tolerant Adder based DSP System", National Conference on "NCNICS" in SNS College of Technology, 17 February 2011.

### **Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

<b>S. No</b>	<b>Name of the Programme</b>	<b>Type of the Programme</b>	<b>Organised by</b>	<b>Period</b>
1.	Research Methodology	seminar	Dept. of EEE / KSRIET	05.08.17
2.	VIRTUAL LABS	FDP	PALS	14 <sup>th</sup> to 18 <sup>th</sup> September 2020
3.	Outcome Based Education & Assessment of CO-PO Attainment	workshop	KSRIET	24th September 2021.
4.	Science-Engineering-Technology Synergy for Sustainable Growth	FDP	SRM university	25th September 2021.
5.	Renewable Energy Systems	FDP	Jarusalem college of Engineering	29th to 30th September 2021

### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM )

Name	Dr.S.JAYACHITRA			
Department	ECE			
Qualification	B.E., M.E., Ph.D.,			
Area of Specialization	Wireless Communication			
Date of Joining (KSR IET)	01-06-2021			
Experience (as on 01.01.2022)	Teaching: 14.9 Years	Industry:-	Others: -	
Number of Papers Published	National Journals : -		International Journals 9	
Number of Papers Presented	National Conferences : 1		International Conferences : 7	
Number of Patents	Filed 1 patent			
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: jchitraece@gmail.com Mobile: + 91 9487732056			

## **PUBLICATIONS 9**

### **International Journals: 9**

- (1) „A Novel Method for Small Delay Defect Detection Using Glitch Detector’- in IJAICT Journal Volume1,Issue2,June 2014.
- (2) „MTCMOS Design for Effective Voltage Drop Control’- in IJAICT Journal Volume1,Issue2 ,June 2014.
- (3) ‘An Energy Conserved Route Discovery Using node Partitioned Cluster Routing in Manet’ - in Anna University Annexure2 journal named Australian Journal of Basic and Applied Sciences, 9(10) Special 2015, Pages: 326-334 IS.
- (4) ‘Energy – efficient Polynomial Time Resource Channelized Framework for DataCommunication in MANET’, Asian Journal of Information Technology, Medwell Journals, vol. 15, no. 12, pp. 1987-1995.2016.
- (5) „Secured QoS Routing and Data Communication in Mobile Ad Hoc Network“, Asian Research Consortium, Asian Journal of Research in Social Sciences and Humanities, vol. 6, no. 8, pp. 267-281.2016.

- (6) „A Study on Algorithm for Compression and Decompression of Embedded Codes using Xilinx“, Indo-Iranian Journal of Scientific Research (IIJSR), (Peer Reviewed Quarterly International Journal) Volume 2, Issue 4, Pages 31-36, Oct- Dec 2018.
- (7) “An Enhanced Method Of Secured Energy - Efficient Data Communication in Manet For Emergency Rescue Operation”, International Journal of Engineering and Advanced Technology (IJEAT)- ISSN: 2249 – 8958, Volume-9, Issue-1S2, December 2019.
- (8) ‘Automatic Ration Distribution System Using IoT with Anti theft and Anti- spill alarm International Journal of Engineering Research and Applications- ISSN: 2248-9622,May-2020.
- (9) ‘Task Scheduling In Cloud Computing Using Ica And Crow Search Algorithms , Bioscience Biotechnology Research Communications Special Issue Volume 13 Number (6) 2020, ISSN: 0974-6455,Dec-2020.

#### **International Conferences: 7**

- 1 An Energy Efficient Communication Scheme for Mobile Ad-hoc Networks, International Conference, 1<sup>st</sup> and 2<sup>nd</sup> April 2010, Vivekanandha College of Engineering for Women.
- 2 A Successful Progress For Hierarchical Routing Proposal form in Wireless Ad-Hoc Network Through Polychromatic Sets, International Conference on Emerging Technology(ICET-2014) held at 2nd March 2014, Paavai Engineering College.
- 3 Enhanced ICTCP To Avoid Congestion Control In WSN at Paavai Engineering College.
- 4 An Efficient advance for Hierarchical Routing Scheme in Wireless Ad-Hoc Network Through Polychromatic Sets on 4th &5th April in International Conference on Computing ,Communication and Electrical Technologies-2014 held at Vivekanandha Institute of Engineering and Technology
- 5 Driver stress detection using inertial motion and EEG sensor in International Conference on Applied Sciences Engineering and Technology held at Sengunthar College of Engineering.
- 6 Monitoring of Bone Setting During Rehabilitation Using Flex Sensors in International Conference on Applied Sciences Engineering and Technology held at Sengunthar College of Engineering.
- 7 “An Enhanced Method Of Secured Energy - Efficient Data Communication in MANETFor Emergency Rescue Operation”, in International Conference on Latest Trends in Science, Engineering and Technology at Karpagam Engineering college Coimbatore.

#### **National Conferences: 1**

- (1) An Efficient advance for Hierarchical Routing Scheme in Wireless Ad-Hoc Network Through Polychromatic Sets in National Conference on Wireless Communication held at Vivekananda College of Engineering For Women .



**PATENTS APPLIED&PUBLISHED**

S.No	Title of the Invention	Application Number	Publication Date
1	TRACKBOT A QUICK WITTED ROBOT FOR DETECTING CRACKS AND MISSING KEY IN RAILWAY TRACKS WITH UNMANNED SAFEGUARD GATES .	202041016879A	05.06.2020

**SPONSORED PROGRAMMES /OTHER PROGRAMMES ORGANISED**

S.No	Title of the Programme	Funding Agency	Amount	Role and Academic year
1	FDTP on Signals and Systems”	Anna University	Rs 40,000	Coordinator 2019-2020
2	Online Short Term Training Programme (STTP) on Series- I & II on “Cognitive Radio Wireless Sensor Networks: Applications, Challenges and Research Trends”	AICTE	Rs 1, 96,000	Coordinator 2020- 2021
<b>OTHERS</b>				
3	One day Awareness Program on Women Safety, Security ,and Rights	WOMEN EMPOWERMENT CELL	-	Coordinator 2019-2020
4	One day Cancer Awareness Program for Female Students and Faculties	WOMEN EMPOWERMENT CELL	-	Coordinator 2019-2020
5	One day Guest lecture on “ Importance of Electromagnetic Interference and Electromagnetic Compatibility and its Effect On Humanity”	-	-	Coordinator 2019-2020
6	3 days online webinar on Recent Trends in Signal Processing- Research Perspective	online	-	Coordinator 2020- 2021

## PROJECT CONTESTS GUIDED

S.No	Contest Name	Title of the project	Industry name	Year
1.	Student Project Scheme	Piezo Electric Harvesting – A Sustainable Approach To Clean Energy Generation In Airport Terminals	Tamil Nadu State Council for Science and Technology	2018
2.	Student Project Scheme	Power generation through wheeling and Mini fan.	Tamil Nadu State Council for Science and Technology	2019

## AWARDS RECEIVED

- Awarded and recognized for Resource person from Ramachandra Engineering College, Eluru Andhra Pradesh for AICTE sponsored FDP on “Research Challenges in Optical Networks, WDM Optical Networks, Sensor Networks and Unparalleled Communication Speed in the Future: A Scalable Approach” during the academic year 2019-20.
- Awarded and recognized for Resource person from Velalar college of Engineering for the Guest Lecture on Nanotechnology applications in Medicine during the academic year 2020-21.

**FUNDING PROPOSALS SUBMITTED      15**

**UG & PG PROJECTS GUIDED      18**

**GUEST LECTURES DELIVERED      02**

**PROGRAMMES PARTICIPATED      36**

**PROGRAMMES ORGANIZED      06**

## PROFESSIONAL MEMBERSHIPS

❖ LIFE MEMBER of ISTE

## **ADDITIONAL PROFESSIONAL RESPONSIBILITIES HELD**

- ❖ Co-Ordinator for various committee in College functions
- ❖ Finance Co-Ordinator
- ❖ Lab incharge, Academic Co-Ordinator
- ❖ Time table Co-Ordinator
- ❖ Class counselor etc.
- ❖ Acted as Reviewer for the International Conference.
- ❖ Seminar Proposal In charge.
- ❖ Department R&D Coordinator

Name	P.Premkumar			
Department	Electronics and Communication Engineering			
Qualification	B.E., M.E., M.B.A., Ph.D.,			
Area of Specialization	Computer Communication Engineering			
Date of Joining (KSR IET)	21-01-2013			
Experience (as on 01.01.2022)	Teaching: 11 Yrs	Industry: - Nil	Others: - Nil	
Number of Papers Published	National Journals : - Nil		International Journals 01	
Number of Papers Presented	National Conferences : 11		International Conferences : - 03	
Books Published	National Publisher : - Nil		International publisher : - Nil	
Contact Details	E Mail: premece@live.com		Mobile: 99 52 51 54 53	

#### **PUBLICATIONS IN NATIONAL / INTERNATIONAL CONFERENCE**

##### **International Journal :**

- Published a research paper entitled “Implementation of Automatic Fertigation system by measuring the plant parameters” in International Journal of Engineering Research & Technology ISSN: 2278-0181, Volume 3, Issue 10 , October 2014.

##### **International Conference :**

- Presented a paper titled “Efficient Energy Utilization and Throughput Maintenance in Wireless sensor Network ” in First International Conference on “Computational Intelligence and its Application ICCIA 2012” from March 01<sup>st</sup> 2012 to March 03<sup>rd</sup> 2012 organized by Vivekananda Institute of Engineering & Technology, Tiruchengode.

##### **National Conference :**

- Presented a paper titled “Radio Frequency Identification based Bus entry system Using IOT” in National Conference on “ Recent Trends in Communication and Information Technology” during March 9<sup>th</sup> and 10<sup>th</sup> ,2018 organized by Knowledge Institute of Technology, Salem.

- Presented a paper titled “Voltage Efficient High Speed Double tall Comparator” in National Conference on “Communication, Power and Instrumentation” during March 13<sup>th</sup>, 2015 organized by M.Kumarasamy of Engineering, Karur.
- Presented a paper titled “MASP: Efficient Energy Utilization and Throughput Maintenance in Wireless sensor Network” in Fourth National Conference on “New Horizons in Communication Engineering,” during March 12<sup>th</sup>, 2012 organized by Velalar College of Engineering & Technology, Erode.
- Presented a paper titled “Efficient data Collection in Wireless Sensor Network with Path Constrained mobile Sinks” in CSIR and TCS Sponsored Fourth National Conference on “Computing , Communication and Information System NCCCIS,” during February 10<sup>th</sup> & 11<sup>th</sup>, 2012 organized by Sri Krishna College of Engineering & Technology, Coimbatore.
- Presented a paper titled “Automatic Generation control in a deregulated power System” in National Conference on “Emerging Trends in power system” during February 25<sup>th</sup>, 2011 organized by Sasurie College of Engineering, Tirupur.
- Presented a paper titled “Ramp controller for Automatic Generation control” in First National Conference on “Smart System” during March 19<sup>th</sup>, 2011 organized by Erode Builder Educational Trust’s Group of Institutions, Kangayam.
- Presented a paper titled “RFID based Attendance maintenance Using Embedded System” in Second National Conference on “Recent Advance in Communication Engineering RACE’10” during March 27<sup>th</sup>, 2010 organized by Velalar College of Engineering & Technology, Erode.

#### **GUEST LECTURES DELIVERED**

<b>S.No</b>	<b>Programme</b>	<b>Organized by</b>	<b>Date(s) / Duration</b>
1.	Delivered Guest Lecture on “Electronic Devices and Circuits”	Vidyaa Vikas College of Engg & Tech	16 <sup>th</sup> Mar 2017

**PROGRAMME ORGANIZED FDP / SEMINAR / WORKSHOP**

S.No	Programme	Type of the Programme	Date(s) / Duration
1.	Organized One day Seminar on “Cyber Security and Ethical Hacking”	Seminar	05 <sup>th</sup> Jan 2019
2.	Organized Speed Maths – “Maths or Magic”	Workshop	16 <sup>th</sup> Dec 2017
3.	Java and Networking	Workshop	17 <sup>th</sup> Dec to 19 <sup>th</sup> Dec 2015

**AUTONOMOUS QUESTION PAPER SETTING / VALUATION**

S.No	Autonomous Institution Name	QP Setting / Valuation	Month / Year
1.	Muthayammal Engineering College, Rasipuram	Valuation	Jan 2017
2.	Sethu Institute of Technology, Kariapatti	QP Setting	Dec 2017
3.	Velalar College of Engineering and Technology, Erode	QP Setting	Oct 2017

**PARTICIPATION IN FDP / SEMINAR / WORKSHOP / INTERNSHIP**

S.No	Programme	Organized by	Date(s) / Duration
1.	One day Seminar on “Cyber Security and Ethical Hacking”	Prompt Info Tech Coimbatore and K S R Institute for Engg & Tech	05 <sup>th</sup> Jan 2019
2.	The Largest Industry Institute Interaction Event of Asia	ICT Academy	26 <sup>th</sup> Sep 2018
3.	AICTE sponsored nation Level Seminar on “Challenges and Opportunities of IoT based stand alone and Interactive Micro Grid System”	K.S Rangasamy College of Technology, Tiruchengode.	01 <sup>st</sup> Nov to 3 <sup>rd</sup> Nov 2017
4.	Indo Global Education Submit and Expo 2017	The Indus Foundation, Hyderabad	24 <sup>th</sup> Aug 2017
5.	One Week TEQIP sponsored Workshop on “Semiconductor Devices: Theory & Practice”	Thiagarajar College of Engineering, Madurai.	30 <sup>th</sup> Nov to 6 <sup>th</sup> Dec 2015

6.	Successfully completed internship program on “DC regulated power supply and Transformers”	Real Power Vision, Bangalore.	15 <sup>th</sup> Jan to 18 <sup>th</sup> Jan 2014
7.	FDP on “Global Business Foundation Skills”	ICT Academy and PSG College of Arts & Science, Coimbatore	19 <sup>th</sup> Aug to 21 <sup>st</sup> Aug 2013
8.	AICTE sponsored Faculty Development Program on “Recent Technology in Optical WDM Network”	Excel College of Technology, Namakkal	08 <sup>th</sup> July to 20 <sup>th</sup> July 2013
9.	Two week ISTE Workshop on “Analog Electronics”	Indian Institute of Technology, Kharagpur	4 <sup>th</sup> Jun to 14 <sup>th</sup> Jun 2013
10.	AICTE Sponsored FDP on “Research & Reconfigurable Embedded system for Medical Science”	K S R Institute for Engineering and Technology, Tiruchengode	06 <sup>th</sup> May to 16 <sup>th</sup> May 2013
11.	National Level Workshop on “MATLAB : A Tool for Engineers”	Mahendra Engineering College, Tiruchengode	16 <sup>th</sup> & 17 <sup>th</sup> Sep 2011
12.	Workshop on “Computer Networks”	Jayalakshmi Institute of Technology, Dharmapuri.	23 <sup>rd</sup> Aug 2011
13.	National Level Seminar on “An intelligent Based Wireless Ad HOC Networks and its Applications with Ocean Technology ”	K.S.R College of Technology, Tiruchengode	19 <sup>th</sup> & 20 <sup>th</sup> August 2011
14.	National Level Seminar on “Emerging Trends in Mobile Ad HOC Networks”	K.S.R College of Technology, Tiruchengode	19 <sup>th</sup> & 20 <sup>th</sup> April 2011
15.	Seminar on “Issues in Medical Image Processing ”	Velalar College of Engineering and Technology, Erode	24 <sup>th</sup> & 25 <sup>th</sup> March 2011
16.	Workshop on “Research Challenges in Image Processing”	Coimbatore Institute of Technology, Coimbatore.	4 <sup>th</sup> & 5 <sup>th</sup> Feb 2011
17.	Workshop on “Automotive Electronics”	Coimbatore Institute of Technology, Coimbatore.	08 <sup>th</sup> Nov 2010
18.	Training Programme on “Digital Signal Processing System Design using NI Lab VIEW”	Anna University, Tiruchirappali.	17 <sup>th</sup> ,18 <sup>th</sup> &19 <sup>th</sup> Feb 2010

19.	Seminar on “Current Trends in VLSI Design”	Karpagam College of Engineering, Coimbatore	08 <sup>th</sup> Dec 2007
-----	--	---	---------------------------

## PROFESSIONAL MEMBERSHIPS

- Indian Society for Technical Education Life Membership – LM 65282

## ADDITIONAL RESPONSIBILITIES

### College Level

- Single point of contact (SPOC) of Our College for **Smart India Hackathon (SIH) in 2018 and 2019.**
- **Training and Placement Officer** (21<sup>st</sup> January 2013 – till date) at K S R Institute for Engineering and Technology, Tiruchengode.

#### **Role as a Training and Placement officer:**

- Organized and coordinated various on campus and off campus drive during academic year 2014 – 2015, 2015 – 2016, 2016 – 2017 and 2017 – 2018.
- Visited various companies and interacted with the Talent Acquisition teams and HRs regarding student’s skill development and their company Recruitment process.
- Coordinated various Industry Institute Interaction Programme like Power Seminar, Love to be an Engineer and Ignite to Elevate.
- Coordinated College Placement Day.
- Planning and Execution of Soft Skills Development (S<sup>2</sup>D) and its related activities.
- Training the Students by External Resource Persons and monitoring their presence and Ensuring Continuous Practice through Online test evaluation. Motivation & building self-confidence and provided Carrier Guidance & Support for the students.
- Collecting the Feedback about training programs organized by Training and Placement cell and periodical discussion and updating of training and placement activities with Head of the department and Principal.




- Regular meetings with student – coordinators for improvising and correcting day to day activities of the training and placement activities.
- **Examination Section In-Charge (April 2012 – 17<sup>th</sup> January 2013)** at Sri Shanmugha College of Engineering and Technology, Sankari for Anna University, Chennai Examinations.
- **Examination Section In-Charge (May 2009 – August 2010)** at Velalar College of Engineering and Technology, Erode for Anna University, Chennai & Coimbatore Examinations.

**Role as an Examination In-Charge:**

- Planning and conducting the University Examinations and its related activities.
- Addressing the academic and administrative issues related to University Examinations.
- Coordinated various Entrance Examinations like TNPCEE, TANCET 2009 & 2010 and Postal Department.
- Coordinated College Graduation Day function.

**Department Level**

- Department Training and Placement Lead (21<sup>st</sup> January 2013 – till date) at K S R Institute for Engineering and Technology, Tiruchengode.
- Organized Fresher's week for First year students to bridge their gap between school and college life.
- Department In-Charge (April 2012 – January 2013) at Sri Shanmugha College of Engineering and Technology, Sankari, Salem.
- Monitoring the student's learning process.
- To check the attendance and progress of the students and counsel them periodically.
- Preparing Students for group discussions and interviews.

Name	K.J.UMA			
Department	ECE			
Qualification	B.E., M.E., (Ph.D)			
Area of Specialization	EMBEDDED SYSTEM TECHNOLOGIES			
Date of Joining (KSR IET)	02-06-2014			
Experience (as on 01.01.2022)	Teaching: 8Yrs	Industry: -	Others: -	
Number of Papers Published	National Journals : - International Journals 04			
Number of Papers Presented	National Conferences : 06 International Conferences : 04			
Books Published	National Publisher : - International publisher : -			
Contact Details	E Mail:uma41990@gmail.com Mobile: 9524120405			

#### **Publications (International Journals)**

1. “Reordering Unspecified pattern set to reduce Power during testing” ” in Techscripts - Transactions on Engineering and Sciences with ISSN: 2347-1964, Vol.2, Issue 11, Nov 2014.

#### **Publications (National Conferences)**

1. “IOT Based Home Automation for Elderly Care using Embedded System”, National Conference on Trends in Engineering Application and Management, Dept of ECE, Vellalar College of Engineering and Technology on 26.03.16

#### **Training Offered**

1. Value Added Course on “Industrial Exposure in Embedded Environment” on 14.12.15, 15.12.15 & 08.01.16

#### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 99923)

Name	B. LATHA			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-06-2015			
Experience (as on 01.01.2018)	Teaching: 10Y 7M	Industry: -	Others: -	
Number of Papers Published	National Journals : -		International Journals	03
Number of Papers Presented	National Conferences : 10		International Conferences : 03	
Books Published	National Publisher : -		International publisher	: -
Contact Details	E Mail:blatha87@gmail.com		Mobile: 9042369586	

#### **PUBLICATIONS (International Journals) - 3**

1. “Border Alert System using Smart Boat to Safeguard the Fisherman”, in International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE), Vol. 4, Issue 4, 722-724, April, 2018.
2. “Active utilization of grey water in residential buildings using IOT”, in International Journal of Creative Research Thoughts (IJCRT), Vol. 6, Issue 3, 131- 138, April, 2018.
3. “Animal – Migration Algorithm to Solve Area Estimation in VLSI Floor Planning”, in International Journal of Pure and Applied Mathematics – Special Edition, Vol. 118, Issue 24, 1-13, April, 2018.

### **PUBLICATIONS (International Conferences) – 3**

1. “Safe Rescue System for Borewell Accidents”, International Conference on Challenges and Opportunities for Innovation in New Normal Scenario, organized by Department of ECE /K S R Institute for Engineering and Technology.
2. “Smart Automation of Fan and Light using Arduino Microcontroller”, International Conference on Challenges and Opportunities for Innovation in New Normal Scenario, organized by Department of ECE /K S R Institute for Engineering and Technology.
3. “An ACO Approach to Maximize Lifetime of Heterogeneous WSN”, International Conference on Emerging Trends in Engineering Technology, organized by Department of ECE /Nehru Institute of Engineering and Technology.

### **PUBLICATIONS (National Conferences) - 10**

1. “Smart Walking Stick for Visually Challenged People using Raspberry-Pi”, National Conference on Challenges and Opportunities in Industry 4.0– COIN2020, organized by Department of ECE /K S R Institute for Engineering and Technology.
2. “Data and Voice Transmission Using Visible Light Communication”, National Conference on Emerging Engineering and Technology 2019 (NCEET’ 19), organized by Department of ECE /K S R Institute for Engineering and Technology.
3. “Digital Canary”, National Conference on Recent Trends in Communication and Information Technology, organized by Department of ECE /Knowledge Institute of Technology.
4. “GSM Based Automatic Recharging for Welding Machine”, National Conference on Advanced Signal Processing and Communication & Networking (NSPCN’17) organized by Department of ECE /PSNA College of Engineering & Technology.
5. “Automatic vehicle Accident Detection and Messaging system using GSM and GPS MODEM”, National Conference on Recent Trends in Engineering and Technology, organized by Department of ECE /K S R Institute for Engineering and Technology.
6. “Image Compression Using Lossless Techniques”, National Conference on Advanced Telecommunication Technologies, organized by Department of ECE, K.S.R. College of Engineering.

7. “Hop-by-Hop Adaptive Link State Optimal Routing Algorithm for Wireless Mesh Networks”, National Conference on Frontiers in Communication and Signal Processing Systems, organized by Department of ECE, Adhiyamaan College of Engineering.
8. “Effective Image Enhancement in Medical Images using combination of DWT and SWT”, National Conference on Electronics and Communication, organized by Department of ECE /Vivekanandha College of Technology for Women.
9. “Contour tracking and Extraction from Ultrasound images using Particle filtering”, National Conference on Electronics and Communication, organized by Department of ECE /PSNA College of Engineering and Technology.
10. “Mobile theft control using RFID” National Conference on Electronics and Communication Engineering, organized by Department of ECE /Paavai College of Engineering.

#### **FUNDED RESEARCH PROJECTS**

<b>S. No</b>	<b>Title of the Project</b>	<b>Name of the Funding Agency</b>	<b>Amount Sanctioned (Rs.)</b>	<b>Role</b>
1.	STTP On “Internet Of Medical Things (Iomt) : Trends, Perspectives And Prospects Of Machine Learning For Biomedical Applications”	AICTE	Submitted	Co Coordinator
2.	FDTP on “EC6602 – Antenna And Wave Propagation”	ANNA UNIVERSITY	Sanctioned (Self – Supported)	Co Coordinator
3.	Smart Ideas using VSLI Architecture for Healthcare Applications under Resource Constrained Environment	ICMR	Submitted & Not Approved	Co Coordinator

## ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Grade
1.	Digital Circuits	NPTEL & SWAYAM	JUL to OCT - 2021	<b>Topper in 5% + Silver + Elite</b>
2.	Deep Learning	NPTEL & SWAYAM	SEP to DEC – 2020	<b>Elite Grade</b>
3.	Digital Image Processing	NPTEL & SWAYAM	JULY to OCT – 2020	<b>Topper in 2% + Silver + Elite</b>
3.	Discrete Time Signal Processing	NPTEL & SWAYAM	JUL to OCT - 2018	<b>Topper in 5% + Elite &amp; Mentor Certificate</b>
4.	Digital Speech Processing	NPTEL	JUL - OCT 2017	<b>Elite Grade</b>

## PROGRAMMES ATTENDED (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Place	Date
1.	ATAL FDP on “Object Identification and Image Intelligence a Practical Approach”	Women's Polytechnic	25-10-2021 –29-10-2021
2.	ATAL FDP on “Speech, Audio and Image Processing using Deep Learning Techniques: Research issues, Innovation and Applications”	University College of Engineering, Ramanathapuram	18-10-2021 –22-10-2021
3.	ATAL Online FDP on “Electrical and Computer Engineering”	Mahendra Engineering College Autonomous	22-02-2021 –26-02-2021
	A Hands-on Workshop on “Deep Learning Algorithms and its Framework”	Sona College of Technology	23-11-2020 –27-11-2020
4.	ATAL FDP on “Medical Image Processing and Deep Learning Technologies”	Panimalar Institute of Technology	21-09-2020 –25-09-2020

5.	PALS VIRTUAL LAB	PALS	14-09-2020 –18-09-2020
6.	Research Issues and Challenges in Deep Learning based Medical Image Analysis and Medical Diagnosis	Sri Ramakrishna Engineering College	17-08-2020 - 22-08-2020
7.	FDP on “Exploring the Nuances of Deep Learning for Research Applications - A Deeper Experience”	Karunya Deemed University	13-07-2020 –17-07-2020
8.	FDP on “Image Processing and Computer Vision”	Anil Neerukonda Institute of Technology & Sciences, Visakapatnam	29-05-2020 –31-05-2020
9.	FDP on “Machine Learning and Deep Learning”	SRM Institute of Science and Technology, Chennai	27-05-2020 –31-05-2020
10.	Blooms Taxonomy - Higher Order Thinking Skills in ECE - “Digital Electronics”	Saveetha Engineering College	25-05-2020 –29-05-2020
11.	Automation in Cyber Security	Mahendra Engineering College	23-05-2020
12.	Sky Campus Digital Knowledge Series - Future Tech 2020	ICT Academy	18-05-2020 –22-05-2020
13.	Machine Learning	Guru Nanak College, Chennai	20-05-2020
14.	The Future of Skills - Education, Employment & Entrepreneurship	ICT Academy	11-05-2020 –15-05-2020
15.	Good Teacher to Great Teacher	ICT Academy	14-05-2020
16.	How to write a Research Proposal? How to convert a Project to Patent?	Excel Engineering College, Komarapalayam	04-05-2020 –05-05-2020
17.	Sky Campus Digital Knowledge Series – “The Future is Here Now”	ICT Academy	27-04-2020 –01-05-2020
18.	Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes	K S R Institute for Engineering and Technology, Tiruchengode	19-11-2019 –21-11-2019

19.			
20.	FDP on “Fostering Ethics, Moral and Human Values in Technical Education”	Nandha Engineering College, Erode	24-06-2019 –07-07-2019
21.	FDP on “Digital Signal Processing”	PSG Institute of Technology and Applied Research, Coimbatore	07-06-2019 –08-06-2019
22.	MATLAB ONRAMP	Department of ECE, K S R Institute for Engineering and Technology, Tiruchengode	22-02-2019
23.	Problem Based Learning	NITTTR, Kolkata	11-02-2019 –15-02-2019
24.	One Day Seminar on “Cyber Security & Ethical Hacking”	K.S.R. Institute for Engineering and Technology	05.01.2019
25.	One Day National Level Workshop on “Writing Successful Proposal to Funding Agencies”	K.S.R. Institute for Engineering and Technology	31.08.2018
26.	Two days Faculty Development Program on “Emotional Intelligence”	K.S.Rangasamy College of Arts and Science	17.08.2017 & 18.08.2017
27.	Seminar on “Research Methodology”	K.S.R. Institute for Engineering and Technology	05.08.2017
28.	Faculty Development Programme on “Medical Informatics Extraction Using Soft Computing Techniques”	IEEE Madras Section at Dept of ECE, KIOT	21.10.16 & 22.10.16
29.	One day Workshop On Medical Image Processing	Department of ECE/ Anna University Regional Centre, Coimbatore	09.09.16
30.	Two Days Workshop on “Optimization Techniques for Engineering Applications”	Department of EEE, Kongu Engineering College, Erode	29.01.16 & 30.01.16
31.	Faculty Development Program on “Mobile Application Development”	Department of IT/ K S R Institute for Engineering & Technology Tiruchengode	19.12.15
32.	Value Added Course on “Project Based Learning Using MATLAB”	ECE Dept./ K S R Institute for Engineering	03.07.15 to 07.07.15



		and Technology	
33.	Three days Workshop on “MATLAB / SIMULINK for Communication Engineers”	Vivekanandha College of Technology for Women	27.01.2014 to 29.01.2014
34.	Two Days Workshop on “VLSI/ASIC Based Design Flow with EDA Tools”	Vivekanandha College of Engineering for Women	18.05.2012 & 19.05.2012
35.	Faculty Development Programme on “Academic Excellence”	Vivekanandha Institute for Engineering and Technology for Women	15.08.2011
36.	Two Days Workshop on “Research Challenges in Image Processing”	IEEE Students Forum, CIT & Industry Institute Partnership Cell	04.02.2011 & 05.02.2011

#### **PROGRAMMES ORGANIZED (Seminar/Conference/Workshop/FDP/STTP/Other)**

<b>S. No.</b>	<b>Name of the Programme</b>	<b>Type of Programme</b>	<b>Date</b>
1.	Internet of things using Raspberry Pi	Workshop	07.02.18 & 09.02.18
2.	Signal and Image Processing using MATLAB	Workshop	03.02.18
3.	Anna University sponsored FDTP on “EC6602 – Antenna and Wave Propagation”	Faculty Development Training Program	27.11.17 to 03.12.17
4.	EC6502 - Principles of Digital Signal Processing	Two Days Faculty Development Program	15.06.17 & 16.06.17
5.	Application of MATLAB for Signal Communication & Image Processing	Workshop	17.02.17

#### **GUEST LECTURES DELIVERED**

<b>S. No</b>	<b>Title of the Programme</b>	<b>Place</b>	<b>Date</b>
1	Faculty Development Training Programme on “EE6403 – Discrete Time Signal Processing”	Vivekanandha Institute for Engineering and Technology for Women	18.12.2014 to 24.12.2014

#### **MEMBERSHIP IN PROFESSIONAL BODIES**

- MEMBER IEEE

## AWARDS WON

S. No	Name of the Award	Academic Year
1.	Best Performance Award for producing 100% result in the Subject “VLSI Design”.	2012-2013
2.	Best Performance Award for producing 100% result in the Subject “Principles of Communication”.	2011-2012
3.	Best Outgoing Student of the School during Higher Secondary.	2004-2005
4.	Secured District Third in Biology during 10 <sup>th</sup> Standard Board Exam.	2002-2003

## Subject Links

### 1. Digital Signal Processing

- [Digital Signal Processing](#)
- [Discrete Time Signals](#)
- [Discrete Time Systems](#)
- [Sampling Theorem](#)
- [Multirate DSP](#)
- [Adaptive Filters](#)

### 2. Medical Electronics

- [Electro-Physiology and Bio-Potential Recording](#)
- [Bio-Chemical and Non Electrical Parameter Measurement](#)
- [Assist Devices](#)
- [Physical Medicine And Biotelemetry](#)
- [Recent Trends in Medical Instrumentation](#)

### 3. Opto Electronic Devices

- [Elements of Light and Solid State Physics](#)
- [Display Devices and Lasers](#)
- [Optical Detection Devices](#)

Name	T.MARTHANDAN			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01-06-2015			
Experience (as on 01.01.2020)	Teaching:10 Y	Industry:-	Others: -	
Number of Papers Published	National Journals	1	International Journals	6
Number of Papers Presented	National Conferences : 03		International Conferences : 03	
Books Published	National Publisher	: -	International publisher	: -
Contact Details	E Mail:vasanthamarthandan@gmail.com Mobile: 8122146988			

#### **Publications (International Journals)**

1. “Automated Ventilator with Oxygen and Pulse Monitoring System Using IoT” Published in IJRAR Published on 02.05.2021 ,Volume 8 and issue 2
2. “Intelligent face detection test” International Journal of Innovative Research in Engineering & Science, ISSN 2319-5665,November issue 1,volume 5.
3. “A Memory Efficient Listless Speck(MLSK) Image Compression Alogorithm For Low Memory Applications”, Asian Journal of Computer Science and Information Technology,ISSN 2249-5126,march 2013
4. “ Reduction Of Noise From Speech Signal Using Wavelet Threshold” International Journal of Technology & Research Advances,ISSN 2320-3579,volumeof 2013 issue I.
5. “Control Alert Routing In Mobile Ad Hoc” International Journal of Technology & Research Advances, ISSN 2320-3579, volume of 2013 Issue I.
6. “FPGA Implementation of Adaptive Median Filter for the Removal of Impulse Noise” International Journal of Technology & Research Advances, ISSN 2320-3579,volume of 2013 Issue I.

#### **Publications (National Journals)**

1. “Simultaneous Color Image Compression and Encryption using Number Theory” Journal of Current Engineering Research, ISSN 0976-8324,Sep-Oct2012 issue 5,volume 2.

### **Publications (International Conferences)**

1. “Indoor air quality monitoring and control, fire and smoke detector” ”, International Conference on” Challenges and opportunities for innovation in newnormal Scenarios” held on 3 rd april 2021
2. “Intelligence Surveillance System Using MSP 430”, International Conference on Recent Trends in Engineering and Technology (ICRTET 2k17) ECE/ KSR Institute for Engineering and Technology on 17.03.17
3. “An Optimized Image Encryption Technique for Multykey Conservative Chaotic System”, International Association Of Engineering & Technology for Skill Development, Held at Hotel Ganesh Mahal Salem on 8 march 2015

### **Publications (National Conferences)**

1. “Patch Antenna Array for Medical Application Using ADS”, National Conference On Communication Computing and Networks, ECE/ Bannari Institute of Technology, Sathyamangalam on 23.2.2017, 24.2.2017
2. “Online monitoring based versatile telemedical systems”, National Conference On Recent Trends in Electronics and Communication, ECE/ Jayalakshmi Institute of Technology, Thoppur on 22.03.2018
3. “Robust Gray Scale Water Marking based on Multilevel of DCT and SVD”, NCRTC-V.3, ECE/ Annai Mathammal Sheela Engineering College, Namakkal on 9.02.2012


### **Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No	Date		Type of the Programme	Topic / Title	Remarks
	From	To			
1.	22.09.16	23.09.16	Work shop	Networking and Security	Organized & Participated
2.	27.11.17	03.12.17	FDP	Antenna & Wave Propagation	Organized & Participated
3	02.11.2020	07.11.2020	STTP	Long range (LoRa) wireless Area Networks: A Futuristic Approach	Organized & Participated

### **Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1	Entrepreneurship	FDP	Technology Business Incubator @ Kongu Engineering College	01.02.2021-13.02.2021

2	Long range(LoRa) wireless AreaNetworks: A Futuristic Apporach	STTP	KSR Institute forEngineering and technology	02.11.2020 to 07.11.2020
3	“EXPLORING OUTCOME BASED EDUCATION (OBE) AND NBA PROCESS”	FDP	Knowledg eInstitute of Technolog y	07-05-2020 to 13-05-2020
4	Examination Reforms	FDP	AICTE	29.04.2020- To 02.05.202 0
5	One week FDP on “Antenna &Wave Propagation”	FDP	KSR Institute forEngineering and technology	27.11.17 to 03.12.17
6	Two days FDP on” EffectivePublic Speaking”	FDP	KSR Institute forEngineering and technology	24.04.17 to 25.04.17
7	Two Days on “Antenna Design And Analysis Using ESI CEM solution tools”	Workshop	Anna University ,Coimbatore	3.12.2015 to 4.12.2015
8	One week FDP on “Web application Development UsingDot Net Technologies”	FDP	Bharathiyar college of engineering and Technology	21.01.13 to 30.01.13

Name	M.V. MAHESH			
Department	ECE			
Qualification	B.E., M.Tech., PGDES			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01 -06- 2016			
Experience (as on 01.01.2022)	Teaching:16 Y	Industry: 2 Y	Others: -	
Number of Papers Published	National Journals : -		International Journals 02	
Number of Papers Presented	National Conferences : 03		International Conferences : 01	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: mahesh.vanamuthu@gmail.com Mobile: 9943431988			

#### **Publications (International Journals)**

1. Mahesh M.V and Bhadmagayathre R, —Low Power Memory Efficient layer Decoding Architecture for LDPC Decoder, International Journal of Electrical Electronics and Communication Engg., Vol. 3, Jan – June 2011, ISSN: 0975-4814
2. RP Sundhari and MV Mahesh —Joint Photographic Experts Group Compression—A Modified Approach by Low Power Multiplier, Journal of Computational and Theoretical Nanoscience 14 (3), 1271-1275

#### **Publications (International Conferences)**

1. Mahesh M.V and Tamilselvam P, —Blotches and Impulse noise removal in Grey scale using Non linear Decision based Algorithm, International conference on communication, Information and computation (ICICIC` 13) at Sasurie College of Engineering, Vijayamangalam.

#### **Publications (National Conferences)**

1. Mahesh M.V —Complexity Detection in a Real Time Systems, National Conference

- on Control Communication and System
2. Mahesh M.V —Detection of Complexity in an Intelligent Real Time Systems||National Conference on Computer Communication and Signal Processing
  3. Mahesh M.V, —PWM Based Three Stage Cascaded Multilevel Inverter||, National Conference on Recent Advancements & challenges in Electrical Engineering and Applications.

### Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Smart Gate Valve using IoT	TNSI 2021	1 Lakh	Mentor

### Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1	Attended an e-Yantra sponsored National Level Workshop and hands on training on "Introduction to Robotics"	Workshop	Kongu Engineering College, Perundurai	1 Day
2	one day seminar on " <b>OrCAD</b> <b>PSPICE and OrCAD</b> <b>PCB</b> " conducted by Entuple Technologies at PSG College of Technology, Coimbatore	Seminar	PSG College of Technology	1 Day
3	National Level Workshop and hands on training on " <b>Design</b>	Kongu Engineering	Workshop	2 Days

	<b>and Analysis of Electronic circuits using Automation tools</b> at Kongu Engineering College, Perundurai	College		
4	National Level Workshop and hands on training on <b>“Open source RTOS development and its application using RTLinux”</b> at Kongu Engineering College, Perundurai	Kongu Engineering College	Workshop	1 Day
5	ISTE sponsored Workshop on <b>“Analog Electronics”</b> conducted by IIT Kharagpur, Sasurie College of Engineering, Vijayamangalam	Sasurie College of Engineering, Vijayamangalam	Workshop	7 Days
6	India University program Workshop on <b>“RENESAS RL 16 Microcontrollers”</b> Velalar College of Engineering and Technology, Erode	Velalar College of Engineering and Technology, Erode	Workshop	2 Days
7	ISTE sponsored Workshop on <b>“Research Methodologies”</b> conducted by IIT Mumbai, Sasurie College of Engineering, Vijayamangalam	Sasurie College of Engineering, Vijayamangalam	Workshop	1 Day
8	National Level Workshop on <b>“VLSI &amp; Embedded Technology”</b> at Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	Workshop	2 Days
9	Workshop on <b>“Embedded Systems”</b> conducted by Product Development Cell, PSG College of Technology, Coimbatore	PSG College of Technology, Coimbatore	Workshop	2 Days
10	Workshop on <b>Latest Measurement Techniques in RF &amp; Microwave Engineering</b> at Velalar College of Engineering and Technology, Erode	Velalar College of Engineering and Technology	Workshop	1 Day



**Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Remarks
	From	To		
1.	27.11.2017	3.12.2017	Faculty Development and Training Programmell on EC6602 – Antenna and Wave Propagation	Anna University
2.	19.10.20	12.12.20	AICTE Sponsored STTP on LoRa WAN	AICTE

**Consultancy Activities (Industry)**

S.No	Title of the Project	Name of the Company
1.	Smart Gate Valve using IoT	Sri Selvakumaran Industries, Erode

**Training Offered**

1. Anna University Approved —Faculty Development and Training Programmell on EC6602 – Antenna and Wave Propagation from 27.11.17 to 03.12.17.
2. Invited Guest Lecture on —Memory & I/O Interfacing with 8085 MicroprocessorlatJay Shriram College of Technology, Avinashipalayam Junction, Tirupur.

Name	J.DIVAKARAN			
Department	ECE			
Qualification	B.E., M.E., (Ph.D),			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01-06-2017			
Experience (as on 01.01.2022)	Teaching:10 Yrs	Industry:-	Others: -	
Number of Papers Published	National Journals : -		International Journals	04
Number of Papers Presented	National Conferences : 02		International Conferences : 10	
Books Published	National Publisher : -		International publisher	: -
Contact Details	E Mail: Jdivakaran761@gmail.com      Mobile: 9750077449			

#### **Publications (International Journals)**

1. J.Divakaran, M.Sivakumar, Feb 2016, “Path stability based load balancing in Wireless Sensor Networks”, International Journal of Science and Advance Research in Technology, Vol.2 / Issue 2, Pg 86-91.
2. J.Divakaran, M.Sivakumar, Feb 2016, “Energy efficient routing based load balancing approach for Wireless Sensor Networks”, International Journal of Innovative Research in Science, Engineering and Technology, Vol.5 / Issue 2, Pg 2514 – 2525.
3. J.Divakaran, March 2013, “Lifetime maximization of Wireless sensor network by using sleep and wake-up procedure”, International Journal of Advanced Information Science and Technology, Vol.11 / No.11, Pg 119-123.
4. J.Divakaran, S.Ilango Sambasivan, May-June 2012, “Maximizing the lifetime of clustered Wireless Sensor Network via Co-Operative Communication”, International Journal of Modern Engineering Research, Vol.2 / Issue 3, Pg 612- 617.

#### **Publications (International Conferences)**

1. Presented a paper in IEEE sponsored 3<sup>rd</sup> International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Design and analysis of Microstrip patch antenna” held at Karpagam College of

Engineering on 17 & 18 March, 2016.

2. Presented a paper in IEEE sponsored 3<sup>rd</sup> International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Energy optimization in clustered wireless sensor Network” held at Karpagam College of Engineering on 17 & 18 March, 2016.
3. Presented a paper in DRDO sponsored 2nd International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Survey on microstrip patch antenna” held at Karpagam College of Engineering on 19 & 20 March, 2016.
4. Presented a paper in DRDO sponsored 2<sup>nd</sup> International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) on the topic of “Maximizing the lifetime of clustered wireless sensor networks” held at Karpagam College of Engineering on 19 & 20 March, 2016.
5. Presented a paper in IEEE sponsored 9<sup>th</sup> International conference on Intelligent systems and control (ISCO) on the topic of “An experimental study on microstrip rectangular patch antenna for broad band applications” held at Karpagam College of Engineering on 9 & 10 January, 2015.
6. Presented a paper in IEEE sponsored 9<sup>th</sup> International conference on Intelligent systems and control (ISCO) on the topic of “Routing optimization in clustered wireless sensor networks” held at Karpagam College of Engineering on 9 & 10 January, 2015.
7. Presented a paper in International conference on Computer, Communication and signal processing on the topic of “Maximizing the lifetime of wireless sensor network by sleep and wakeup procedure” held at SSM College of Engineering on 21<sup>st</sup> – 23<sup>rd</sup> September 2011.

#### **Publications (National Conferences)**

1. Presented a paper in National Conference on Advances in Computational Sciences’17 on the topic of “Performance analysis of circular patch antenna with different substrate configurations” held at Karpagam University.
2. Presented a paper in 2<sup>nd</sup> National conference on Advanced Computational Intelligence systems on the topic of “Route selection method for disaster management via cognitive WSN” held at Nandha Engineering College on 1-03-2014.

#### **Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

<b>S. No</b>	<b>Name of the Programme</b>	<b>Type of the Programme</b>	<b>Organised by</b>	<b>Period</b>
1	Electromagnetic and Fields	Faculty Development Programme	Karpagam College of Engineering	December 2017.
2	Antennas and Wave Propagation	Faculty Development Programme	K S R Institute of Engineering and Technology	November 2017
3	Know your Rights – Aspects of IPR	Faculty Development Programme	Karpagam College of Engineering	11-02-17

4	Internet of Things with Raspberry pi	Workshop	Karpagam College of Engineering	11-03-17.
5	Largest human image of a music instrument	world record attempt	Karpagam College of Engineering	15-09-16
6	Microwave integrated circuit design (Hands-on training using ADS)	workshop	PSG Institute of Technology and Applied Research	05-03-16.
7	System design using Tanner tool	workshop	Karpagam College of Engineering	20-02-15
8	IC Design flow using mentor graphics tool	Faculty Development Programme	PPG Institute of Technology	29 <sup>th</sup> & 30 <sup>th</sup> Jan 2015.
9	Long term evolution of 4G'	seminar	Hindusthan Institute of Technology	21-02-2014
10	Life and Industrial Safety'	workshop	Angel college of Engineering and Technology	27-08-13
11	Image processing using MATLAB'	workshop	Narasus sarathy institute of technology	19-08-2011

**Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Remarks
	From	To		
1.	24-09-2014	24-09-2014	National level Tech Fest'SHRESHT14'	-
2	27-09-2017	27-09-2017	Higher Education opportunities in Abroad	-

Name	UDHAYAKUMAR M			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	VLSI DESIGN			
Date of Joining (KSR IET)	01.06.2018			
Experience (as on 01.01.2022)	Teaching: 10Y 8M	Industry: NIL	Others: - NIL	
Number of Papers Published	National Journals : -		International Journals 11	
Number of Papers Presented	National Conferences : 08		International Conferences : 04	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: udhayakumar.vlsi@gmail.com Mobile: 9788576526			

#### **Publications (International Journals)**

1. Published a paper in International Journal for Scientific Research and Development on „Low Power high Speed Estimated Reconfigurable Multiplier for Multimedia Signal Processing“, Volume: 06 Issue: 12 | Feb 2019.
2. Published a paper in International Research Journal of Engineering and Technology on „Comparative Analysis of OOK, BPSK, DPSK and PPM Modulation Techniques for Intersatellite Free-Space Optical Communication“, Volume: 06 Issue: 02 | Feb 2019.
3. Published a paper entitled “A Study on the effect of Motivational Factor of Employees among Engineering Students” in International Journal for Scientific Research & Development (IJSRD) in June 2017.
4. Published a paper entitled “An Overview of Effect of Motivational Attribute among Engineering students” in International Journal for Science and Advance Research in Technology (IJSART) in April 2017.
5. Published a paper entitled “Server Room Environment Monitoring system using IOT” in International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC“17) in 2017.

6. Published a paper entitled “Survey of Motivational Attributes on Job Security among Engineering Students” in International Journal for Science and Advance Research in Technology (IJSART) in May 2017.
7. Published a paper entitled “The Role of Motivation on Employee Performance in an Organization” in International Journal of Scientific Research in Computer science, Engineering and Information Technology (IJSRCSEIT) in May 2017.
8. Published a paper entitled “Precision Robotic Displacement using FPGA” in International Journal of Engineering & Technical Research (IJETR) volume 02 Issue 04 (April 2014) paper ID – IJETR/02/1641.
9. Published a paper entitled “Server Room Environment Monitoring system using IOT” in International Journal of Intellectual Advancements and Research in Engineering Computations (IJETR) volume 05 Issue 01 (2017).

#### **Publications (International Conferences)**

1. Presented a paper on the title “Server Room Environment Monitoring system using IOT” in the International Conference ICRIETM‘17 at Nandha Engineering College, Erode in 2017.
2. Presented a paper on the title “Server Room Environment Monitoring system using IOT” in the International Conference ICRTEST‘17 at Sri Ramanathan Engineering College, Tiruppur in 2017.
3. Challenges and Opportunities for Innovation in New Normal Scenario on “Wild Animal Repellent in agriculture field using IOT”
4. Challenges and Opportunities for Innovation in New Normal Scenario on “Driver Drowsiness Detection”

#### **Publications (National Conferences)**

1. Presented a paper on the title “Secure Trust Clustering OLSR using malicious node Identification based on node grouping in MANETs” in the National Conference at Cheran College of Engineering, Karur in 2017.
2. Presented a paper on the title “Smart Irrigation System Using GSM” in the National Conference at Cheran College of Engineering, Karur in 2017.
3. Presented a paper on the title “Avoiding AMD using Photo Detector in Bio – Retina by Nano Technology” in national Level Conference NCACIS‘14 at Nandha Engineering

College, Erode in 2014.

4. Presented a paper on the topic “Developing Authentic Constructivist E-Learning Environments” in national Level ISTE at Maharaja Engineering College, Avinashi in 2012.
5. Presented a paper on the topic “Implementation of Region Based Compression and Image Enhancement Scheme for Medical Image” in national Conference NCVPS‘11 at MET’s School of Engineering, Kerala in 2011.
6. Presented a paper on the topic “Analysis and VLSI Implementation of Hard Decision Viterbi decoding Algorithm”, in the National Conference on control and power Engineering CAPECON at Hindustan College of Engineering and Technology, Coimbatore in 2011.
7. Presented a paper on the topic “Analysis and VLSI Implementation of Hard Decision Viterbi decoding Algorithm”, in the National Conference on Advances in Communication & Computing (NCACC) at Karpagam College of Engineering, Coimbatore in 2010.
8. Presented a paper on the topic “Analysis and VLSI Implementation of Hard Decision Viterbi decoding Algorithm”, in the National Conference on VLSI, Communication & Computation (NCVCC‘10) at Maharaja Engineering College, Coimbatore in 2010.

## ONLINE CERTIFICATION


S. No.	Course	Conducted by	Date	Grade
1.	CMOS Digital VLSI Design	NPTEL	Feb – Apr 2019	46
2.	ADVANCE IN FOREST REMOTE SENSING	ISRO	Mar 5-13 2019	COMPLETED

## Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	National Level FDP on Matlab Tools & Applications	FDP	Babu Banarasi Das Northern India Institute of Technology	2021

2.	Blooms Taxonomy - Higher Order Thinking Skills in ECE - "Digital Signal Processing"	FDP	Saveetha Engineering College	2021
3.	Evolution of IoT and Its Real Time Applications	FDP	Malla Reddy Institute of Technology	2021
4.	Renewable Energy: Application & Entrepreneurship	Workshop	College of Engineering & Technology, Jalgaon	2020
5.	Computing and Signal Processing in IOT Applications	FDP	QIS College of Engineering & Technology	2020
6.	Video Processing using open CV & Python	STTP	IRTT	2020
7.	Principles of Digital Signal Processing	FDP	P.S.G Institute for research and science	2019
8.	JIO FFTx technical lab setup	Workshop	Reliance corporate IT Park	2018
9.	Microwave Engineering Applications and Measurement challenges	Workshop	Dr. N.G.P Institute of Technology, Coimbatore	2018
10.	Principles of Digital Signal Processing	FDP	K.S.R Institute for Engineering and Technology	2017
11.	Embedded & Real time systems	FDP	Excel Engineering College	2017
12.	Network Simulator – 2	Workshop	K.S.R College of Engineering	2017
13.	Role of Employees in the Development of an Institution	FDP	Maharaja Engineering College	2013
14.	Neural Network and its Application	Workshop	Karpagam Institute of technology	2010
15.	Mat lab/Simulink for Image Processing and its Applications	Workshop	Karpagam College of Engineering	2010



Name	VINOTHKUMAR B			
Department	ECE			
Qualification	B.E.,M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01.06.2018			
Experience (as on 01.01.2022)	Teaching: 4Y 6M	Industry: 1 YR 11 MONTHS	Others: -	
Number of Papers Published	National Journals : - NIL International Journals 2			
Number of Papers Presented	National Conferences : 1 International Conferences : 3			
Books Published	National Publisher : - NIL International publisher : -NIL			
Contact Details	E Mail: vinoeee58@gmail.com Mobile: 9659004018			

#### **Publications (International Journals).**

1. International Journal of Research and Analytical Reviews, Vol.5 Issue 2,-April 2021 E-ISSN 2348-1269, P-ISSn 2349-5138 “Weather Station Monitoring Using LORA”
2. International Journal of Computational Intelligence and Informatics, Vol. 3: No. 1, April -June 2013 ISSN: 2349-636320 “Gamma Correction Technique Based Feature Extraction for Face Recognition System”

#### **Publications (International Conferences)**

1. Presented a Paper on „Face Recognition Using Machine Learning“ in International Conference on “Challenges and Opportunities for Innovation in New Normal Scenario” held on 03<sup>rd</sup> April 2021 at K S R Institute for Engineering and Technology.
2. Presented a Paper on „Multipurpose Robots Used in Agriculture“ in the National Level Web Conference – Advanced Electrical Computing & Communication Technology held on 05.06.2020 at Adithya Institute of Technology.
3. Presented a Paper on 'A NOVEL PREPROCESSING METHOD AND PCLDA ALGORITHM FOR FACE RECOGNITION UNDER DIFFICULT LIGHTING CONDITIONS“ in IEEE International Conference, held at SKP Engineering College.
4. Presented a Paper on 'FACE RECOGNITION SYSTEM USING MULTIPLE FACE

MODEL” in International Conference, held at Sasurie College of Engineering.

**Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

<b>S. No</b>	<b>Name of the Programme</b>	<b>Type of the Programme</b>	<b>Organised by</b>	<b>Period</b>
1	6 days online training program on “Deep Learning Techniques-A Practical Perspective”	FDP	K.S.R. College of Engineering, Tiruchengode	25.10.2021 to 30.10.2021
2	Webinar on “Bio-Inspired Algorithms for Optimization”	Webinar	Vivekanandha College of Technology for Women, Tiruchengode	26.02.2021
3	Online STTP on blooms taxonomy - higher order thinking skills in electronics and communication engineering	STTP	Saveetha Engineering College, Chennai	18.05.2020 to 05.06.2020
4	Webinar on IOT	Webinar	Mohamed Sathak Engineering College, Ramanathapuram	19.05.2020
5	Webinar on Specific Designs with Altera Quartus II	Webinar	Nandha College of Technology, Erode	22.05.2020
6	Soft computing techniques for image processing	Workshop	Dept of ECE, Dr Mahalingam College of Engineering and Technology, Pollachi	2019
7	Research directions in image progressive	Workshop	Dept of ECE, Sasurie College of Engineering, Vijayamangalam	2019
8	PLC-Automation	Workshop	Dept of EEE, Vivekanandha College of Engineering for Women, Tiruchengode	2018
9	Advanced Java Programming	Workshop	Dept of ECE, Mahendhra Institute of Technology, Tiruchengode	2018

## **Training Offered**

**Membership in Professional Bodies : ISTE – Life Time Member**

## **Subject Links**

### **Digital Communication**


- [SAMPLING & QUANTIZATION](#)
- [WAVEFORM CODING](#)
- [BASEBAND TRANSMISSION](#)
- [DIGITAL MODULATION SCHEME](#)

### **Medical Electronics**

- [Electro-Physiology and Bio-Potential Recording](#)
- [Bio-Chemical and Non Electrical Parameter Measurement](#)
- [Assist Devices](#)
- [Physical Medicine And Biotelemetry](#)
- [Recent Trends in Medical Instrumentation](#)

### **Digital Electronics**

- [Combinational Circuits](#)
- [Sequential circuits](#)
- [Programmable Logic devices](#)

Name	V.SINDHUJA			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-06-2018			
Experience (as on 01.01.2022)	Teaching: 3Y 8M	Industry:	Others: -	
Number of Papers Published	National Journals : -		International Journals	01
Number of Papers Presented	National Conferences : -		International Conferences	: 02
Books Published	National Publisher : -		International publisher	: -
Contact Details	E Mail: sindhu37ece@gmail.com      Mobile: 9787717048			

#### **PUBLICATIONS (International Journals)**

- Paper titled, “Automatic segmentation of Right Ventricle from Cardiac MRI ” published in International Journal of Applied Engineering Research (IJAER), Annexure II and ISSN: 0973-4562.

#### **PUBLICATIONS (International Conferences)**

- Presented a paper titled, “Automatic segmentation of right ventricle from Cardiac MRI” in International Conference on innovative strategies in renewable energy and its applications (ISREA)’2015 held at Sona College of Technology.
- Presented a paper titled, “NewGen Rider’s Gadget” in 8th International Conference on Advanced Science and Engineering Research (ASER-2019) held at Al-Ameen Engineering College.

**ONLINE CERTIFICATION**

<b>S. No.</b>	<b>Course</b>	<b>Conducted by</b>	<b>Date</b>	<b>Status</b>
1.	DIGITAL IMAGE PROCESSING	NPTEL & SWAYAM	JUL to OCT - 2018	ELLITE
2.	PRINCIPLES OF SIGNALS AND SYSTEMS	NPTEL & SWAYAM	JAN to APRIL 2019	ELLITE
3.	ANALOG COMMUNICATION	NPTEL & SWAYAM	JUN to NOV 2019	ELLITE & SILVER

**PROGRAMMES ATTENDED (Seminar/ Workshop/ FDP / STTP others)**

<b>S. No</b>	<b>Name of the Programme</b>	<b>Type of the Programme</b>	<b>Organised by</b>	<b>Period</b>
1.	Digital Image Processing	Faculty Development Program	NPTEL	July-Oct,2018
2.	How to write a Successful Project Proposal to Funding Agencies	Seminar	Library & Reader's Club, K.S.Rangasamy College of Technology, Tiruchengode	July,2018
3.	Applications of MATLAB in DIGITAL IMAGE PROCESSING	Workshop	KSR College of Engineering	Sep, 2014
4.	VLSI Design using CADENCE tools suite	Workshop	KSR College of Engineering	March,2015
5.	PCB Design using Software	Workshop	Velalar College of Engineering and Technology	Dec,2010
6.	Microsoft Dreamspark Yatra	Event	Velalar College of Engineering and Technology	March,2010

**PROGRAMMES ORGANIZED (Seminar/Conference/Workshop/FDP/STTP/Other)**

<b>S. No.</b>	<b>Name of the Programme</b>	<b>Type of Programme</b>	<b>Date</b>
1.	MATLAB ONRAMP	WORKSHOP	22.02.2019

## AWARDS WON

S. No	Name of the Award	Academic Year
1.	Secured 36 <sup>th</sup> Anna University Rank in BE-ECE	2012-2013
2.	Secured District Third in Biology during 10 <sup>th</sup> Standard Board Exam.	2006-2007

## SUBJECT LINKS

### SIGNALS AND SYSTEMS

- [Classification of Signals and Systems](#)
- [Fourier Series and Fourier Transform](#)
- [Sampling theorem](#)
- [Discrete time signals and systems](#)

### COMMUNICATION THEORY

- [Amplitude Modulation](#)
- [Angle Modulation](#)
- [Random Process](#)
- [Noise Characterization](#)
- [Sampling and Quantization](#)

### COMPUTER ARCHITECTURE

- [Overview and instructions](#)
- [Arithmetic Operations](#)
- [Processor and control unit](#)
- [Parallelism](#)
- [Memory and I/O systems](#)

### MEDICAL ELECTRONICS

- [Electro-Physiology and Bio-Potential Recording](#)
- [Bio-Chemical and Non Electrical Parameter Measurement](#)
- [Assist Devices](#)
- [Physical Medicine And Biotelemetry](#)
- [Recent Trends in Medical Instrumentation](#)

### WIRELESS COMMUNICATION

- [Wireless channels](#)
- [Cellular Architecture](#)

- [Digital Signaling for fading channels](#)
- [Multipath mitigation techniques](#)
- [Multiple Antenna techniques](#)

## **WIRELESS NETWORKS**

- [Wireless LAN](#)
- [Mobile Network Layer](#)
- [3G Overview](#)
- [Internetworking Between WLANS AND WWANS](#)
- [4G & Beyond](#)

Name	P.MOHANA SUNTHARI			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	06-06-2018			
Experience (as on	Teaching: 4 year	Industry:-	Others: -	
Number of Papers Published	National Journals : -		International Journals : 01	
Number of Papers Presented	National Conferences : 02		International Conferences : 04	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: mohanavctwece@gmail.com Mobile: 9489871687			

#### **Publications (International Journals)**

1. P.Mohana Sunthari & R.Veeramani, “Multiband Microstrip Patch Antenna for 5G Wireless Applications using MIMO Techniques”, CIIT international Journal, May 2017.

#### **Publications (International Conferences)**

1. “Design And Optimization Of High Gain Multiband Microstrip Patch Antenna For Lora Wan Applications” at International Conference on Challenges and Opportunities for Innovation in New Normal Scenario.
2. “A Compact Multiband Self Isolated Antenna for 5G mm wave Application using MIMO Technique” at 6th International E-Conference on Latest Trend in Science, Engineering and Technology
3. “Multiband Microstrip Patch Antenna for 5G Wireless Applications using MIMO Techniques” at Karunya University during IEEE International Conference on ICRAAE 2017.
4. “Microstrip Circular Patch Antenna for WiMAX and WLAN Application” at Sri Ranganathar Institute of Engineering and Technology during International Conference ICARTE-2015.



### **Publications (National Conferences)**

1. “Microstrip Circular Patch Antenna for WiMAX and WLAN Application” at J.K.K.Munirajah college of Technology during National Conference EMICA-2015.
2. “Microstrip Antenna Array for WiMAX and WLAN Application” at Vivekanandha College of Technology for Women during NCSSWC-2014.
3. “Smart and Web based Health monitoring system using Arduino UNO” at Cheran college of Engineering during CEIET-2019.

### **ONLINE CERTIFICATION**

<b>S. No.</b>	<b>Course</b>	<b>Conducted by</b>	<b>Date</b>	<b>Grade</b>
1.	WIRELESS AD HOC AND SENSOR NETWORKS (Jan – Apr 2017).	NPTEL & SWAYAM	Jan - Mar 2017	44
2.	ANTENNAS	NPTEL	Jan – Apr 2017	56
3.	ANTENNAS	NPTEL	Jan – Apr 2018	56
4.	ADVANCE IN FOREST REMOTE SENSING	ISRO	Mar 5-13 2019	COMPLETED

### **Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

<b>S. No</b>	<b>Name of the Programme</b>	<b>Type of the Programme</b>	<b>Organized by</b>	<b>Period</b>
1.	Recent trends about a dielectric antenna for real-time applications	Webinar	Saveetha Engineering College	1 days
2.	Online STTP on Blooms Taxonomy - Higher Order Thinking skill in Electronics and Communication Engineering	FDP	Saveetha Engineering College	5 days
3.	Outcome Based Education & Assessment	Workshop	KSRIET	1 day

	of CO-PO Attainment			
4.	Recent Trendy Antenna Design and Analysis using EM Solver”	FDP	Wilma Communications	5days
5.	"Recent Trends in Antenna and Microwave Technology"	STTP	CARE College of Engineering,	4days
6.	Recent Trends in wireless communication and 5G Technology	FDP	Narasus Sarathy Institute of Technogy	5days
7.	Advanced Antenna's Design for 5G MIMO with CST Studio Suite 2022 & Antenna Magus	Webinar	Kongu Engineering College	1days
8.	Recent Trends about Dielectric Antenna for Wireless Communication-Real-Time Applications	Hands-on Training	Saveetha School of Engineering	1days
9.	Faculty Induction Programme Phase 2	FDP	Teaching and Learning Centre, IIT Madras	12days
10.	Faculty Induction Programme Phase 1	FDP	Teaching and Learning Centre, IIT Madras	8days
11.	How to write a research paper	Seminar	KSRCT	1 day
12.	J-Gate –An Electronics Gateway for Research	Workshop	KSRCE	1 day
13.	Think Create Engineers	Workshop	PALS-IIT Madras	4 Days
14.	How to write a successful project proposal for funding agencies	Seminar	K.S.R CT	1 day
15.	Research issues and challenges in MIMO-OFDM for wireless communication	Seminar	BIT	1 day
16.	Advanced Antenna Design Using MATLAB and HFSS	Workshop	Kongu Engineering college	2 days
17.	Antenna Design and Simulation using ANSYS HFSS	Workshop	K.S.R CT	1 day
18.	Antenna Design and Analysis using CEM Simulation tools	Workshop	KSRIET	1 day
19.	Internet of Things	Workshop	KSRCE	2 days
20.	Network Simulator-2	Workshop	KSRCE	1 day

21.	Linear Integrated Circuits and Applications Lab	Workshop	CIET	1 day
22.	Design of Robotics with Embedded System	Workshop	SNSCE	1 day
23.	Embedded system	Workshop	BIT	1 day
24.	MatLab/Simulink for Communication Engineer	Workshop	VCTW	2 days
25.	Microstrip Patch Antenna Design using ADS tool	Seminar	Karpagam College of Engineering, Coimbatore	1 day
26.	Emerging Tools to Analyse Brain Wave for Artificial Limb Technology	Seminar	KSRCE	1 day
27.	Exploring the Impact of Wireless Communication in Health Care	Seminar	SriRamakrishna Engineering College	2 days

### **Membership in Professional Bodies**

- IET

### **Subject Links**

#### **RF AND MICROWAVE ENGINEERING**

[MICROWAVE NETWORK THEORY](#)

[RF AMPLIFIERS AND MATCHING NETWORKS](#)

[PASSIVE AND ACTIVE MICROWAVE DEVICES](#)

[MICROWAVE GENERATION](#)

[MICROWAVE MEASUREMENTS](#)

#### **ANTENNA AND WAVE PROPAGATION**

[UNIT 1 TO 5](#)

Name	P.JANANI			
Department	ECE			
Qualification	ME			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01.06.2018			
Experience (as on 01.06.2020)	Teaching: 2 Yrs	Industry: -	Others: -	
Number of Papers Published	National Journals:-International Journals:-			
Number of Papers Presented	National Conferences:-International Conferences: 1			
Books Published	National Publisher: -International publisher:-			
Contact Details	E Mail:jananiece9895@gmail.comMobile:9952616660			

#### **Publications (International Conferences)**

“Impact of Path Metrics on RPL's performance in Low power and Lossy Networks” , International conference on “communication and signal processing”, 5 April 2018.

#### **Publications (National Conferences)**

“Bio-Matric Finger print System” National Conference held in K S R college of Engineering And Technology

#### **Programmes Attended (Seminar/ Workshop/ FDP / STTP others)**

<b>S. No</b>	<b>Name of the Programme</b>	<b>Type of the Programme</b>	<b>Organised by</b>	<b>Period</b>
1.	EMBEDDED SYSTEM AUTOMOBILES	WORKSHOP	Sri Krishna College of Engineering & Technology, Coimbatore	1 DAY
2.	Micro C Pro	WORKSHOP	K.S.R. college of Engineering, Tiruchencode	1 DAY

3.	POWER SIMULATION TECHNOLOGY	WORKSHOP	Government College of Engineering, Salem	1 DAY
4.	Wireless Sensor Network	WORKSHOP	Kongu college of Engineering, Perundurai	2 DAY
5.	How to write successful proposal for funding agencies	FDP	K.S.R. college of Engineering & Technology, Tiruchencode	1 DAY
6.	Faculty Induction Programme	FDP	Indian Institute for Technology, Madras	1 Month
7.	Close range Photogrammetry and terrestrial Laser Scanning	Webinar	Indian Institute of Remote Sensing	1 Week
8.	Advantages of Forest Remote Sensing	Webinar	Indian Institute of Remote Sensing	1 Week
9.	Internet of Things	Webinar	Mohamed sathak engineering college	1 Day
10.	Low Power VLSI design	FDP	NITTR	5 Days
11.	Image Processing and Embedded System	FDP	NITTR	5 Days
12.	Technological Interventions Using Wireless	FDP	NITTR	5 Days
13.	Cyber Security	Webinar	KSR ARTS and SCIENCE COLLEGE for WOMEN	1 Day
14.	INTRODUCTION TO VM WARE CLOUD	FDP	ICT	1 Day
15.	Future of Inspired by Customer use Cases for AI-ML	FDP	ICT	1 Day
16.	Robotic process automation: basic & beyond	FDP	ICT	1 Day
17.	Electronic device	FDP	Saveetha engineering college	1 Day

18.	Dare to win	Webinar	ICT	1 Day
19.	Smart antenna and it's application	Webinar	Prestige institute for Engineering management and research	1 Day
20.	Outcome based Education software	Webinar	Vmedulife	1 Day

## **Membership in Professional Bodies**

Annual member of IEEE

## **Subject Links**

[WIRELESS COMMUNICATION](#)

[WIRELESS CHANNEL](#)

[CELLULAR ARCHITECTURE](#)

[DIGITAL SIGNALING FOR FADING CHANNELS](#)

[MULTIPATH MITIGATION TECHNIQUES](#)

[MULTIPLE ANTENNA TECHNIQUES](#)

[OPTICAL COMMUNICATION AND NETWORK](#)

[INTRODUCTION TO OPTICAL FIBERS](#)

[SIGNAL DEGRADATION OPTICAL FIBERS](#)

[FIBER OPTICAL SOURCES AND COUPLING](#)

[FIBER OPTIC RECEIVER AND MEASUREMENTS](#)

[OPTICAL NETWORKS AND SYSTEM TRANSMISSION](#)

[ELECTRONIC CIRCUIT-II](#)

[FEEDBACK AMPLIFIERS](#)

[OSCILLATORS](#)

[TUNED AMPLIFIERS](#)

[WAVE SHAPING AND MULTIVIBRATOR CIRCUITS](#)

[BLOCKING OSCILLATORS AND TIMEBASE GENERATORS](#)

Name	JEYABHARATHI M			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01.07.2021			
Experience (as on 01.01.2022)	Teaching: 6M	Industry: NIL	Others: - NIL	
Number of Papers Published	National Journals : - International Journals 01			
Number of Papers Presented	National Conferences : International Conferences : 01			
Books Published	National Publisher : - International publisher : -			
Contact Details	E Mail: bharathii98spm@gmail.com Mobile: 9976435493			

#### **Publications (International Journals)**

- Published a paper in International Research Journal of Engineering and Technology', Volume: 07 Issue: 12 | December 2020.

#### **Publications (International Conferences)**

- Presented a paper on the title "Super Compact FR-4 Compatible 28GHz Antenna for 5G Handheld Devices." in the International conference on Distributed Computing and Optimization Techniques conducted by SJB Institute of Technology, Bangalore.


## ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Grade
1.	Internet of Things	NPTEL	Feb – Apr 2019	<b>52</b>

## Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Next Generation Wireless Technologies	STTP	Indo Global College of Engineering (AICTE)	2021
2.	Modern Antennas For Present And Futuristic Wireless Communication Technologies	Workshop	NIT Sikkim	2021
3.	05 Challenges in Antennas for Space Applications"	Workshop	Tesla Minds	2021



Name	Mr. M.M. ARUN PRASATH			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	Applied Electronics			
Date of Joining (KSR IET)	01-06-2021			
Experience (as on 01.01.2022)	Teaching: 14.5 Years	Industry:-	Others: -	
Number of Papers Published	National Journals : - International Journals 10			
Number of Papers Presented	National Conferences : 07 International Conferences : 01			
Number of Patents	Filed 2 patents			
Books Published	National Publisher : - International publisher : -			
Contact Details	E Mail: <a href="mailto:arunprasathmm@gmail.com">arunprasathmm@gmail.com</a> Mobile: + 91 9944643061			

## PUBLICATIONS 10

1. M.M.Arun Prasath, B.Ramesh, R.Vinoth, C.SanthoshKumar “Micro Deep Neural Network Algorithm Based Novel Approach on Classification of Ultrasound Kidney Images” has been published in A Journal of Composition Theory (JCT) ISSN: 0731-6755, Volume 12, Issue 6, pp. 266-273, June 2019.
2. B.Ramesh, M.M.Arun Prasath, S.Karthick, M.Sangeetha “An Overview of Peak-to-average power ratio reduction in OFDM signals with performance comparison between clipping and filtering with selective mapping for wireless communication” has been published in Science, Technology and Development Multidisciplinary Journal (STD) ISSN: 0950- 0707, Volume 8, Issue 4, pp. 184-194, April 2019.
3. M.M.Arun Prasath, B.Ramesh, B.Divyapreethi, A.Manikandan “An Approach to Predict Disease and avoid clogging in Data Mining using Genetic Algorithm” has been published in Journal of Information and Computational Science (JOICS) ISSN: 1548-7741, Volume 9, Issue 3, pp. 82-91, March 2019.

4. M.Abinaya, J.Jothilakshmi, B.Divyapreethi, M.M.Arun Prasath "Home Appliances Controlled by Gesture for Disability People" has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 6, pp. 1420-1428, June 2018.
5. S.Karthick, M.M.Arun Prasath, C.Devasenapathi, R.ArulArumugam "Power Effective cascaded Flash-SAR Sub ranging A/D conversion" has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 5, pp. 2070-2073, May 2018.
6. B.Ramesh, M.M.Arun Prasath, S.Karthick, R.ArulArumugam "Performance Comparison of BER with MIMO-OFDM for various Modulation methods using MRRC Technique" has been published in International Journal of Management, Technology and Engineering (IJMTE) ISSN: 2249-7455, Volume 8, Issue 1, pp. 948-957, January 2018.
7. D.Vimala, R.Srinivasan, R.Vinoth, D.Vinoth, M.M.Arun Prasath "Protection of Wireless Sensor Network from Gang Injecting False Data Attack" has been published in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Volume 3, Issue 2, pp. 7301-7311, February 2014.
8. R.Vinoth, R.Srinivasan, D.Vimala, M.M.Arun Prasath, and D.Vinoth "Probabilistic Based Rock Texture Classification" has been published in International Journal of Advances in Engineering & Technology (IJAET), Volume 6, Issue 6, pp. 2439-2447, January 2014.
9. R.Vinoth, R.Srinivasan, D.Vimala, M.M.Arun Prasath, D.Vinoth "Characterization of Color and Texture Features from Retrieved Images using CBIR" has been published in International Journal of Research in Advent Technology (IJRAT), Volume 1, Issue 5, pp. 61-67 December 2013.
10. D.Vinoth, R.Vinoth, R.Srinivasan, M.M.Arun Prasath, D.Vimala "FPGA Implementation of Efficient Modified VLSI Architecture for Multiplier" has been published in International Journals of latest research in Engineering and Computing (IJLREC), Volume 1, Issue 2, pp. 07-10, November-December 2013.

#### **International Conferences: 01**

1. M.M. Arun Prasath, "Implementation of MATLAB Interface for Speed governing of AC Motor using DSP Processor" has been presented in 'INTERNATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT' (ICSETM-2018) at Annapoorana Engineering College, Salem held on 9<sup>th</sup> & 10<sup>th</sup> March 2018.

#### **National Conferences: 07**

1. M.M. Arun Prasath, "Design Of On-Line Interactive Data Acquisition And Control System For Embedded Real Time Applications" has been presented in 'NATIONAL CONFERENCE ON EMERGING TRENDS IN COMPUTER ENGINEERING AND TECHNOLOGY' (NCETCET-2018) at MIT Academy of Engineering Alandi(D), Pune held on 27<sup>th</sup> & 28<sup>th</sup> January 2018.
2. M.M. Arun Prasath, "Fuzzy Logic based DTC Control of Induction Motor" has been presented in 'NATIONAL CONFERENCE ON EMERGING TRENDS IN COMPUTER ENGINEERING AND TECHNOLOGY' (NCETCET-2018) at MIT Academy of Engineering Alandi(D), Pune held on 27<sup>th</sup> & 28<sup>th</sup> January 2018.

3. M.M. Arun Prasath, ,,,SOS Optimization Algorithm based ZVS Resonant Convertor for Grid connected System"" has been presented in 'NATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT"" (NCSETM-2018) at Annapoorana Engineering College, Salem held on 25<sup>th</sup> January 2018.
4. M.M. Arun Prasath, ,,,Electrical Appliances Control using Android Smart Phones"" has been presented in 'NATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT"" (NCSETM-2018) at Annapoorana Engineering College, Salem held on 25<sup>th</sup> January 2018.
5. M.M. Arun Prasath, ,,,Real time System for Hand Motion Crane Control using RF Signals"" has been presented in 'NATIONAL CONFERENCE ON SCIENCE, ENGINEERING, TECHNOLOGY AND MANAGEMENT"" (NCSETM-2018) at Annapoorana Engineering College, Salem held on 25<sup>th</sup> January 2018.
6. M.M. Arun Prasath, ,,,Hardware Implementation of Code Compression in Embedded RISC Architecture to Reduce Memory Access Energy"" has been presented in 'NATIONAL CONFERENCE ON COMMUNICATION TECHNOLOGIES"" (NCCT-2006) at MepcoSchlenk Engineering College, Sivakasi held on 10<sup>th</sup>& 11<sup>th</sup> March 2006.
7. M.M. Arun Prasath, ,,,Code Compression in Embedded RISC Processor"" has been presented in 'NATIONAL CONFERENCE ON SIGNALS, SYSTEMS AND SECURITY"" (NCSSS-2006) at Bannari Amman Institute of Technology, Sathyamangalam held on 24<sup>th</sup>& 25<sup>th</sup> February 2006.

## **SPONSORED RESEARCH**

## **PATENTS APPLIED**

<b>S.No</b>	<b>Title of the Invention</b>	<b>Application Number</b>	<b>Publication Date</b>
1	A MULTILEVEL INVERTER TOPOLOGY WITH REDUCED NUMBER OF SWITCHES FOR SOLAR PHOTOVOLTAIC APPLICATIONS USING IOT	202041049724	20-11-2020
2	IOT BASED PROACTIVE SURVEILLANCE TO IDENTIFY REAL TIME THEFT	202041047140	28-10-2020

## **SPONSORED PROGRAMMES ORGANISED**

## **PROJECT CONTESTS GUIDED**

## **AWARDS RECEIVED**

**FUNDING PROPOSALS SUBMITTED****UG & PG PROJECTS GUIDED                      10****GUEST LECTURES DELIVERED****PROGRAMMES PARTICIPATED                      62****PROGRAMMES ORGANIZED                      18****BOOKS PUBLISHED****PROFESSIONAL MEMBERSHIPS****ADDITIONAL PROFESSIONAL RESPONSIBILITIES**

Name	Dr. C. MUHUNTARAJAN			
Designation & Department	PROFESSOR & HEAD, ENGLISH			
Qualification	M.A., B.Ed., M.Phil., Ph.D.			
Area of Specialization	English			
Date of Joining (KSR IET)	14-06-2012			
Experience (as on 01.06.2020)	Teaching:20	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	03
Number of Papers Presented	National Conferences : 02		International Conferences : 05	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: mugunth18@gmail.com Mobile: 95242 23311			

### **Publications (International Journals)**

1. Dr. Y.L. Sowntharya, S. Gomathi and C. Muhuntarajan, "Audio Visual Media and English Learners", International Journal on Research and Innovation Trends in Computing and Communication, Volume:2, Issue:2, pp. 384-386. ISSN: 2321-8169.
2. C. Muhuntarajan and Dr. Y.L. Sownharya, "Status of woman in Margaret Atwood's *The Edibe Woman* and Surfacing", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 4, April 2016, pp. 584-591. ISSN 2249-7315.
3. Dr. C. Rengarajan, C. Muhuntarajan and Dr. Y.L. Sownharya, "Atwood's Surfacing: A feminine protest against gender bias", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 4, November 2016, pp. 1049-1055 584-591. ISSN 2249- 7315.

## **Training Offered**

- Hands on Training on "Basic Communication Skills" at Vellalar College for Women (Autonomous), Erode on 16.10.2014.
- Hands on Training on "Communication Skills, Soft Skills and Interview Skills" at Vellalar College for Women (Autonomous), Erode from 08.12.2014 to 13.12.2014.
- Hands on Training on "GD and HR Techniques" at K.S.R. College of Arts and Science for Women, Tiruchengode on 17.06.2015.
- Hands on Training on "Basic Manners and Etiquettes" at MPNMJ Engineering College, Chennimalai on 10.10.2015.
- Hands on Training on "Interview Tips" at Erode Sengunthar Engineering College, Erode on 28.10.2015.
- Hands on Training on "Interview Skills" at K.S.R. College of Arts and Science for Women, Tiruchengode on 18.12.2015.
- Hands on Training on "Business English Certificate (BEC)" at Bishop Heber College, Trichy from 29.07.2017 to 31.07.2017.
- Hands on Training on "Business English Certificate (BEC)" at Bishop Heber College, Trichy from 03.08.2018 to 05.08.2018.
- Acted as the Resource Person for the 3-day CSD Workshop at Bishop Heber College, Trichy from 11.07.2019 to 13.07.2019.

## **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 84502)
- English Language Teachers' Association of India (ELTAI) – Member (30009204)



Name	S.Chelladurai			
Designation & Department	Assistant professor & Chemistry			
Qualification	M.Sc., M.Phil.,			
Area of Specialization	Chemistry			
Date of Joining (KSR IET)	21-01-2016			
Experience (as on 01.06.2020)	Teaching:7 years 10 months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 00	
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: chellamsai999@gmail.com		Mobile:8870901429	

#### **Publications (International Journals)**

1. B.Meenakshipriya, K.Saravanan and R.Shanmugam, “Study of Common Effluent Treatment Plant”, Journal of Process and Plant Engineering, Vol. XXVI, No.2, pp.33-41,2008.

#### **Publications (National Journals)**

1. B.Meenakshipriya, K.Saravanan, R.Shanmugam and S.Sathiyavathi, “Study of pH system in common effluent treatment plant”, Modern Applied Science, Vol.2, No.4, pp.113-121, 2008. (SNIP:2.23)

#### **Publications (International Conferences)**

1. (sample format)B.Meenakshipriya, M.Nithiyavathy and A.Meenalosini, “Total Quality Management in Technical Education System-A QFD Approach”, National conference on Globally Competitive Eco-Friendly Technologies in Mechanical and Mechatronics Engineering, Kongu Engineering College, Perundurai, 15<sup>th</sup> & 16<sup>th</sup> April, 2005.

#### **Publications (National Conferences)**

1. B.Meenakshipriya, R.Subasri and N.Raviswaran, “Sensor-less Speed Estimation of Induction Machine - A Neural Approach”, International conference on Resource Utilization and Intelligent Systems, Kongu Engineering College, Perundurai, 4<sup>th</sup>- 6<sup>th</sup> Jan, 2006.

#### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)
- Institute of Engineers India (IE(I)) - Associate Member (AM096517-3)
- Institute of Engineers India (IE(I)) - Chartered Engineer (AM096517-3)



## MECHANICAL DEPARTMENT

Name	Dr. P. MURUGESAN			
Department	Mechanical Engineering			
Qualification	B.E. M.E., PhD.			
Area of Specialization	HEAT TRANSFER ENHANCEMNT			
Date of Joining (KSR IET)	01.08.2011			
Experience (as on 18.06.2020)	Teaching: 23Years 7 Months	Industry:NIL	Others: NIL	
Number of Papers Published	National Journals	01	International Journals	17
Number of Papers Presented	National Conferences : 23		International Conferences : 11	
Books Published	National Publisher	02	International publisher	: NIL
Contact Details	E Mail: hod_mech@ksriet.ac.in    Mobile: 9944777862			

### Publications (International Journals)

1. Murugesan, P., Mayilsamy, K. and Suresh, S. "Heat Transfer and Pressure Drop Characteristics of Laminar Flow in a Tube Fitted with Trapezoidal-Cut Twisted tape insert", International Journal of Emerging Technologies and applications in Engineering, Technology and Sciences, Vol. 2, No. 2, pp. 780-784, 2009.
2. Murugesan P , Mayilsamy K., and Suresh S. "Heat Transfer and Friction Factor Studies in a Circular Tube Fitted with Twisted Tape Consisting of Wire- Nails, "Chinese Journal of Chemical Engineering" Vol. 18, No. 6, pp. 1038- 1042, 2010. (Elsevier)
3. Murugesan, P. Mayilsamy,K, and S.Suresh,. "Turbulent Heat Transfer and Pressure Drop in a Tube Fitted with Square-Cut Twisted Tape", Chinese Journal of Chemical Engineering, Vol.18, No.4, pp. 609-617, 2010. (Elsevier)

4. Murugesan, P., Mayilsamy, K., Suresh, S. and Srinivasan, P.S.S. "Heat Transfer and Pressure Drop Characteristics in a Circular Tube Fitted with and Without V- Cut Twisted Tape Insert", *International Communications in Heat and Mass Transfer*, Vol. 38, No. 3, pp. 329-334, 2011. (Elsevier)
5. Murugesan, P., Mayilsamy, K. and Suresh, S. "Heat Transfer in Tubes Fitted with Trapezoidal-cut and Plain Twisted Tape Inserts", *Chemical Engineering Communications*, Vol. 198, No. 7, pp. 886-904, 2011. (Taylor and Francis)
6. Murugesan, P., Mayilsamy, K. and Suresh, S., "Heat Transfer and Friction Factor in a Tube Equipped with U-Cut Twisted Tape Insert", *Jordan Journal of Mechanical and Industrial Engineering*, Vol. 5, No. 6, pp. 559-565, 2011.
7. Murugesan, P., Mayilsamy, K. and Suresh, S. "Heat Transfer in a Tube Fitted with Vertical and Horizontal Wing-Cut Twisted Tapes", *Experimental Heat Transfer*, Vol. 25, No.1, pp. 1-18, 2012. (Taylor and Francis)
8. Murugesan, P., Mayilsamy, K. and Suresh, S. "Heat transfer and pressure drop characteristics of laminar flow in a tube fitted with trapezoidal-cut twisted tape insert", *International Journal of Emerging Technologies and applications in Engineering, Technology and Sciences*, Vol. 2, No. 2, pp. 780-784, 2009.
9. Murugesan, P. and Nithiyesh Kumar, C. "Review on Twisted Tape Heat Transfer Enhancement", *International Journal of Scientific and Engineering Research*, Vol.3, No. 4, pp. 780-784, 2012.
10. Murugesan, P., Mayilsamy, K., Rathanakumar,P., and Suresh,S. "Laminar Heat Transfer and Friction factor Characteristics of CNT/Water Nano Fluids", *Journal of Nano Science and Nano Technology*, 2013
11. Murugesan, P., Mayilsamy, K., Rathanakumar,P., and Suresh,S "Experiments on Turbulant Heat Transfer and friction Factor in Reaction with Carbon Nano Tube Based Nano Fluids", *Journal of Mechanical and Materials Engineering*, Vol.8, No-2,2013
12. Murugesan, P., Mayilsamy, K., Rathanakumar,P., and Suresh,S " "Comparison of Heat Transfer and Friction Factor Characteristics of Carbon Nanotubes Based Nanofluids in a Circular Tube Fitted With Helical Screw inserts With Spacers", *Journal of Nanofluids*", Vol.2,No-274-282,2013
13. Murugesan, P., Mayilsamy, K., Rathanakumar,P., and Suresh,S " Laminar Heat transfer and pressure drop in Tube Fitted With Helical Louvered Rod Inserts Using CNT/water Nanofluids", *Journal of Bio Nanoscience*, , Vol. 8, No. 1-11,2014.

14. Murugesan, P., Sasidaran, R., Vasanthakumar, R., “Study of Airflow Through Modified HVAC Ducts in a Multi Utility Vehicle using CFD software” International Journal for Research in Mechanical Engineering- ISSN-2349-3860 Vol-3: issue 04 2016.
15. Murugesan,P., “CFD Studies on Heat Transfer and Friction Factor Characteristics of a Double Pipe Heat Exchanger”, International Journal of Science and Engineering, Vol.1, Issue 1, ISSN-2454-2016, 2017
16. Murugesan,P., “Numerical Analysis of Fluid Flow and Heat Transfer in Single Tube Fin Arrangement of an Automotive Radiator”, International Journal of Thermal Technologies, Vol.9 ,No.1, ISSN-2277-4114, 2019
17. Murugesan, P., Mayilsamy, K., and Siva Subramaniam, A.P,“ Heat transfer and Friction Factor Characteristics of a Double Pipe Heat Exchanger fitted with Variant Plain Tape Insert”, Thermal Science, ISSN-2334-7163, Vol. 24, No. 1-pp 623-633, 2019.

#### **Publications (National Journals)**

1. Murugesan, P., Mayilsamy, K., Suresh, S. and Srinivasan, P.S.S “Experimental and CFD Studies on Heat Transfer Characteristics of a Double Pipe Heat Exchanger”, Journal of Technological World, Vol.11, No.3, pp.59-63, 2009.

#### **Publications (International Conferences)**

- 1.P.Murugesan, K. Mayilsamy and S. Suresh, “Heat Transfer Characteristics in the Horizontal Double Pipes with and without Twisted Tape Insert”, in; S.Vijayrangan, I. Rajendran[Ed.], Proceedings of the International Conference on Materials and Mechanical Engineering Recent Trends, Narosa publishing [2009], pp 554-559
- 2.P.Murugesan, K.Mayilsamy and S.Suresh, “Heat Transfer and Pressure Drop Characteristics of Laminar Flow in a Double Pipe Heat Exchanger Fitted with and Without Full Length Twisted Tape Insert” Advances in Mechanical and Building Sciences in the 3rd Millennium,VIT University, Vellore, December 14&16th [2009], pp 25
- 3.P.Murugesan, K.Mayilsamy and S.Suresh, “Turbulent Heat Transfer and Friction Characteristic in a Tube Fitted With Plain Twisted Tape”, International Conference on Emerging Trends in Science, Engineering and Management ,K.S.Rangasamy College of Technology, December 22&24 [2010]
4. P.Murugesan, C.Nithiyesh Kumar, K.Mayilsamy and S.Suresh, “CFD Studies on Heat Transfer and Friction Factor Characteristic of a Tube With Horizontal Wing-Cut Twisted Tape Insert”, Proceedings of the International Conference on Advanced Mechanical and Building science, [2012], pp 554-559.
5. P. Murugesan, “CFD Simulation of Horizontal Wing Twisted Tape Fixed in the Circular Tube”, Proceedings of the International Conference on Adaptive Technologies for Sustainable Growth, [2015].
6. P.Murugesan, “Review of Simulation Studies of Heat Transfer Augmentation Techniques”, Proceedings of the International Conference on Modelling, Simulation and Control, [2015].
7. P.Murugesan, “CFD Simulation of Heat Transfer Enhancement in Circular Tube with Twisted Tape Insert by using Nano Fluid”, Proceedings of the International Conference on Adaptive Technologies for Sustainable Growth, [2016].

8. P.Murugesan, R Sasidaran, R.Vasanthakumar, "Computational Study of Airflow Through Modified HVAC Ducts in a Multi Utility Vehicle", Proceedings of the International Conference on Air Quality Management, [2016]. (IIT MADRAS)
9. P.Murugesan, "Heat Transfer in a Tube Fitted with Trapezoidal Cut Twisted Tape", Proceedings of the International Conference On Innovations in Science, Engineering and Technology For Sustainable Development - (DST-SERB Sponsored), [2018].
- 10.P.Murugesan, "CFD Analysis of Fluid Flow and Heat Transfer In Single Tube Fin Arrangement of an Automotive Radiator", Proceedings of the International Conference on Sustainable Materials, [2019].
- 11.P.Murugesan, "CFD Analysis of Fluid Flow and Heat Transfer In Single Tube Fin Arrangement of an Automotive Radiator", Proceedings of the International Conference on Innovative Engineering Initiatives, [2019].

### **Publications (National Conferences)**

1. P.Murugesan, "Optimization of Flue Gas Temperature in Industrial Boiler", Proceedings of the National Conference on Advances in Mechanical and Production Engineering in the era of globalization (AMPEEG-2005) [2005], pp 554-559
2. P.Murugesan, "Analysis of Flue Gas Duct Erosion Between AH and ESP using CFD", Proceedings of the National Conference on Emerging Trends in Design and Manufacturing - ETDM [2006], pp 554-559
3. P. Murugesan, S.Jagadeeswaran, E.Jayabalaji, V.Prasanna Kumar, M.Vimal, "Analysis of Flue Gas Duct Erosion Between AH and ESP using CFD", Proceedings of the National Conference on Emerging Technologies in Mechanical Engineering [2006], pp 105-108
4. P. Murugesan, K.Mayilsamy, R.Elangovan, A.Boobalan, M.Shanmugam, A.M.Suresh, P.T.Vinoth kumar, "Analysis of Heat Transfer Coefficient Of Nano-Fluids by using Fluent", Proceedings of the National Conference on Emerging Trends in Mechanical Engineering [2007] pp 33-38
5. P. Murugesan, K.Mayilsamy, K.A.Ibrahim Sheriff, J.Narasimhaan, C.Karthikeyan, D.Karthik Ragha Vender, M.Madhan Kumar, "Analysis of Heat Transfer Rate of Water with and without Twisted Tape Insert in Double Pipe Heat Exchanger", Proceedings of the National Conference on Advances and Contemporaries in Mechanical Engineering (ACME) [2008] pp 59
6. P. Murugesan, K.Mayilsamy, K.A.Ibrahim Sheriff, "CFD Analysis on Double Pipe Heat Exchanger With Twisted Tape Insert", Proceedings of the National Conference on Application of Emerging Technologies [2008] pp 12.
7. P. Murugesan, K.Mayilsamy, J.Dhanasekeren, "Simulation Study of Heat Transfer and Pressure Drop Characteristics using Passive Techniques in Tube Heat Exchanger", Proceedings of the National Conference on Recent Advances in Mechanical Engineering, [2009] pp 46.
8. P. Murugesan, K.Mayilsamy, J. Dhanasekeren, "Experimental and CFD Analysis on Thermal Performance of a Double Pipe Heat Exchanger, Proceedings of the National Conference on Application of Emerging Technologies, [2009] pp 23.
9. P. Murugesan, K.Mayilsamy, Sanal Rajendran, K.P.Ponnar, A.M.Santhosh, "Development of Correlation for Heat Transfer and Friction Factor in a Tube Fitted with Twisted Tape Insert for

Turbulent Flow”, Proceedings of the National Conference on Recent Trends in Mechanical Engineering, [2009] pp 6.

10. P. Murugesan, K.Mayilsamy, J.Dhanasekaran, “Simulation Study of Heat Transfer and Pressure Drop Characteristics using Passive Techniques in Tube in Tube Heat Exchanger”, Proceedings of the National conference on Optimization Techniques in Engineering Sciences and Technologies, [2009] pp 43.
11. P. Murugesan, R. Surendiran, “Review of Passive Heat Transfer Augmentation Techniques”, Proceedings of the National Conference on Recent Advances in Mechanical Engineering, [2010] pp 8
12. P. Murugesan “Heat Transfer and Friction Factor Prediction For Twisted Tape under Laminar Flow”, First National Level Conference on Trends and Developments in Aeronautics And Avionics, [2011], pp.68-71
13. P. Murugesan, C.Nithiyesh Kumar, K.Mayilsamy, S.Suresh, “Review on Twisted Tape Heat Transfer Enhancement, Proceedings of the National Conference Trends and Developments in Aeronautics And Avionics, [2011] pp 18
14. P. Murugesan, C.Nithiyesh Kumar, “Numerical analysis on Horizontal Wing-Cut Twisted Tape for Laminar And Turbulent Flow, Proceedings of the National Conference on Recent Advances in Mechanical Engineering, [2012]
15. P. Murugesan, C.Nithiyesh Kumar, “Numerical analysis on Horizontal Wing-Cut Twisted Tape for Laminar and Turbulent Flow”, Proceedings of the National Conference on Chemical Engineering Processes in Environmental Applications ,Anna University, Chennai, [2012]
16. P. Murugesan, C.Nithiyesh Kumar, “CFD Studies on Horizontal Wing-Cut Twisted Tape in a Tube for Laminar Flow, Proceedings of the National Conference on Recent Advances in Mechanical Engineering at Anna University, Chennai, [2012] pp 18
17. P. Murugesan, “Fabrication and Mechanical Properties of Cu-Coated Woven Carbon Fibers Reinforced Aluminium Alloy Composite, Proceedings of the National Conference on Modern Trends in Mechanical Engineering, [2014]
18. P.Murugesan, “Review of Heat Transfer Augmentation Techniques”, Proceedings of the National Conference on Innovations in Engineering and Technology-(ISTE Sponsored), [2017].
19. P.Murugesan, “Heat Transfer in a Tube Fitted With Vertical Wing Cut Twisted Tape Insert”, Proceedings of the National Conference on Innovative Technologies in Mechanical Engineering, [2017].
20. P.Murugesan, “Heat Transfer in a Tube Fitted With Horizontal Wing Cut Twisted Tape Insert”, Proceedings of the National Conference on Innovative Technologies in Mechanical Engineering, [2017].
21. P. Murugesan,”CFD Studies on Heat Transfer and Friction Factor Characteristics Of A Double Pipe Heat Exchanger” Second National Level Conference Recent Advancements in Mechanical Engineering, [2018].
22. P. Murugesan,” CFD analysis of fluid flow and Heat Transfer in single tube of auto motive radiator” Robotics and Automation Engineering, [2019].
23. P.Murugesan, K.Mayilsamy, and A.P. Siva Subramaniam, ,“Experimental Investigation on Heat Transfer Enhancement in Double Pipe Heat Exchanger Using PT- SCA and PTT-SCA Twisted Insert Profile”, Proceedings of the National Conference on Fluid Mechanics and Fluid Power, [2019].

**Books /Instruction materials/monograms published**

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Unconventional machining processes	Dr.P.Murugesan Dr.P.Gopinath	M.G.Publications	2016
2.	Basic civil and Mechanical Engineering	Dr.P.Murugesan Dr.P.Gopinath	Anuradha Publications	2017

**Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	8.11.2012	9.11.2012	Heat Exchangers and its Applications	CSIR & Rs 250000/-
2.	3.03.2016	04.03.2016	Recent Development in Prosthesis Materials & its Challenges in Medical Applications	ICMR & Rs 40000/-
3.	18.6.2018	23.6.2018	Low cost automation for agriculture enhancement using MEMS	AICTE-ISTE & Rs. 300000/-

**Membership in Professional Bodies**

- Member in Indian Society for Technical Education (ISTE) - Life Member (LM 42947)
- Member in Society in Mechanical Engineer (MSME) – Life Member (M/FR 091055)

**Awards and Recognitions**

- Best Paper Award for “CFD analysis on double pipe heat exchanger with twisted tape insert “in 5<sup>th</sup> National conference on Application of Emerging Technologies organized by ISTE chapter, Adhiyamaan College of Engineering, Hosur.
- Best ISTE SECRETARY AWARD 2010- from ISTE, New Delhi
- Best ISTE SECRETARY AWARD 2019- from ISTE, New Delhi
- Accreditation and Outcome Based Learning, NPTEL Online Certification with Elite + Silver grade
- Sir M VISVESVARAYA AWARD 2020 -from Society for Aerospace And Mechanical Engineering Professionals (SAMP) 5<sup>th</sup> National Level Convention, 2020

**Subject Links****1. Unconventional Machining Process**

<https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZAhWMso8KHWGDBZOO6AEILjAC#v=onepage&q=Unconventional%20Machining%20Process&f=false>

Name	Dr.P.GOPINATH			
Designation & Department	ASSISTANT PROFESSOR & MECHANICAL ENGINEERING			
Qualification	B.E., M.E., MBA., Ph.D.			
Area of Specialization	CAD			
Date of Joining (KSR IET)	01.07.2011			
Experience (as on 01.01.2018)	Teaching:19	Industry: NIL	Others: NIL	
Number of Papers Published	National Journals                      02		International Journals                      02	
Number of Papers Presented	National Conferences : 11		International Conferences : 09	
Books Published	National Publisher                      02		International publisher                      : NIL	
Contact Details	E <a href="mailto:gopipalani@ksriet.ac.in">Mail: gopipalani@ksriet.ac.in</a>		Mobile: 9500998458	

#### **Publications (International Journals)**

1. P. Gopinath, A.Mohanraj & P. Suresh “Investigation of mechanical properties of jute fiber epoxy reinforced composites using Taquchi method” International Journal of Tierarztliche Praxis, Vol-9:Issue-3 ISSN-0303-6286.
2. P. Gopinath, & P. Suresh, 2018, ‘Effect of Jute Reinforcement Parameters on Mechanical Properties of Composite Structures’, Journal of Testing and Evaluation, <https://doi.org/10.1520/JTE20170531>.  
ISSN 0090 - 3973. (Impact Factor – 0.669)  
ANNEXURE I & SCI - INDEXED JOURNAL
3. P. Gopinath, & P. Suresh, 2014, ‘Mechanical Behaviour of Fly Ash Filled, Woven Banana Fiber Reinforced Hybrid Composites as Wood Substitute’, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 4, Issue 2, Apr 2014, 111- 116. SCOPUS INDEXED.

#### **Publications (National Journals)**

1. P. Gopinath,” Modelling and Analysis of thrust force and Torque in Drilling Natural FRP Composites”, Proceeding of the national Journal for science and Technology (Tech Scripts), pp 56.
2. P. Gopinath,” Smart Agricultural Farm using IOT (Internet of Things)”, Proceeding of the International Journal of Engineering Science and Computing, ISSN 2250-1371, Vol 9 Issue No.3 March 2019.

### **Publications (International Conferences)**

1. P. Gopinath, "Analysis of Thrust Force and Torque in Drilling Natural FRP Composites", Processing of the international conference on Advance in Civil and Mechanical Engineering in (ACME-2014).
2. P. Gopinath, "Delamination Analysis of Jute Fiber Composites", Proceedings of the international conference on Modelling, Simulation and Control in (ICMSC-2015).
3. P. Gopinath, "Eco friendly Characterization of Composite Materials", Proceedings of the international conference on Innovative Engineering Skills in (ACETIC-2014).
4. P. Gopinath, "Investigation of Mechanical Properties and behaviour of Stir Cast AL-alloy based Composites", Proceedings of the international conference on Civil, Mechanical, Chemical Engineering and Technologies - 2018 in (ICCMCT - 2018).
5. P. Gopinath, "Characterization of Jute – Epoxy Reinforced Composites", Processing of the international Conference on Innovations in Science, Engineering and Technology for Sustainable Development in (ISETSD-2018).
6. P. Gopinath, "Optimization of Mechanical Properties using Ridge Gourd, Sisal and Jute Fibres", Processing of the international Conference on Innovations in Science, Engineering and Technology for Sustainable Development in (ISETSD- 2018).
7. P. Gopinath, "Jute Fibre and Ridge Gourd, Composites using Vinyl ester", Proceedings of the international Conference on Advanced Manufacturing and Automation in (INCAMA-2018).
8. P. Gopinath, "Smart Agricultural Farm using IOT (Internet of Things)", Proceeding of the international Conference on Innovative Engineering Initiatives in (ICIEI-2019).
9. P. Gopinath, "Soil Testing for Smart Agriculture using Arduino UNO", Proceeding of the international Conference on Sustainable Materials in (ICSM-2019).

### **Publications (National Conferences)**

1. P. Gopinath, "Modelling and Analysis of Thrust Force and Torque in Drilling GFRP Composites", Proceeding of the national Conference on Mechatronics and Mechanical Systems in (NCMMS-2013).
2. P. Gopinath, "Modelling and Analysis of Thrust Force and Torque in Drilling GFRP Composites", Proceeding of the national Conference on Recent Trends in Engineering and Technology in (NCRTE-2013).
3. P. Gopinath, "Modelling and Analysis of Thrust Force and Torque in Drilling GFRP Composites", Proceeding of the national Conference on Emerging Trends in Engineering and Technology in (ETET-2014).
4. P. Gopinath, "Development of Fracture Fixation Plate using Natural Composite Materials", Proceeding of the national Conference on Modern Trends in Mechanical Engineering in (MTME-2014).
5. P. Gopinath, "Comparison of Thrust Force and Torque in Drilling Composite Materials by Experimental Analytical and Fuzzy Logic", Proceeding of the national Conference on Recent Inventions in Dynamic Engineering in (RIDE-2015).



6. P. Gopinath, "CFD Combustion Analysis of Hydrogen Supplement with Diesel Fuel in CI Engine", Proceeding of the national Conference on Computational Fluid Dynamics Applications in Biotechnology Process in (DST-2015).
7. P. Gopinath, "Failure Analysis in Composite Material Using Lamb wave Methods", Proceedings of the ISTE Sponsored National conference on Innovations in Engineering and Technology (NCIET-2017).
8. P. Gopinath, "Green Manufacturing Analysis in Composite Material", Proceedings of the ISTE Sponsored National conference on Innovations in Engineering and Technology (ITME-2017).
9. P. Gopinath, "Optimization of Mechanical Properties Using Ridge guard, Sisal and Jute Fibres", Proceeding of the Project Expo ENTHIRA – 17 Sponsored by SOCIETY OF AEROSPACE AND MECHANICAL PROFESSIONALS (SAMP).
10. P. Gopinath, "Design and Analysis of Heavy Vehicle Head Light Frame Using Banana Fibre Composite Material." Proceeding of the Project Expo ENTHIRA – 17 Sponsored by SOCIETY OF AEROSPACE AND MECHANICAL PROFESSIONALS (SAMP).
11. P. Gopinath, "Study on Performance Analysis of IC Engine Fins", Proceeding of the national Conference on Energy & Environment in (NCONEE-2018).

#### **Books /Instruction materials/monographs published**

<b>S.No</b>	<b>Title of the Book</b>	<b>Author(s)</b>	<b>Name &amp; Address of the Publisher</b>	<b>Year of Publishing</b>
1.	Unconventional machining processes	Dr.P.Murugesan Dr.P.Gopinath	M.G.Publications	2016
2.	Basic civil and Mechanical Engineering	Dr.P.Murugesan Dr.P.Gopinath	Anuradha Publications	2017

#### **Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

1. Two days National Seminar on "Consumables through Composites Processing and Preparation" during 6<sup>th</sup> January to 7<sup>th</sup> January 2012. at Kongu Engineering College, Perundurai.
2. Three days Workshop on "Hands on Training on Modelling and Simulation using MATLAB – Simu link and Soft Tools" during 14<sup>th</sup> September to 16<sup>th</sup> September 2012. At Kongu Engineering College, Perundurai.
3. Two days National Seminar on "Heat Exchanger and its Applications", 8<sup>th</sup> November & 9<sup>th</sup> November, 2012 at K S R Institute for Engineering and Technology, Tiruchengode
4. Three days National Symposium on Acoustics "Design and Analysis of Flexible Carping", 5<sup>th</sup> December to 7<sup>th</sup> December, 2012 at K S R Institute for Engineering and Technology, Tiruchengode.

5. One day National Seminar on “Characterization and Applications of Composite Materials”, 10<sup>th</sup> March, 2014 at N.S.N College of Engineering and Technology, Karur.
6. One day Seminar on “Writing Effective Research Paper (S) and Thesis”, 19<sup>th</sup> July 2014 at K S R College of Engineering, Tiruchengode.
7. One-week Faculty Development Training Programme on “ME2036- Production Planning and Control”, 17<sup>th</sup> December to 23<sup>rd</sup> December 2014 at Karpagam College of Engineering, Coimbatore.
8. One day Workshop on “Composite Materials and its Technology Innovation”, 22<sup>nd</sup> July 2015 at Karpagam College of Engineering, Coimbatore.
9. One day Workshop on “Intelligent Product Design and Manufacturing”, 24<sup>th</sup> August 2015 at Karpagam College of Engineering, Coimbatore.
10. One day Workshop on “Robotics in Industrial Automation (RIA-2015)”, 20<sup>th</sup> November 2015 at Karpagam College of Engineering, Coimbatore.
11. One day Workshop on “Environmental Pollution and Control (EPC-2015)”, 21<sup>st</sup> November 2015 at Karpagam College of Engineering, Coimbatore.
12. One day Workshop on “Safety and Security in Automobiles (SSA-2015)”, 24<sup>th</sup> November 2015 at Karpagam College of Engineering, Coimbatore.
13. Two days Workshop on “Manufacturing Process and Applications of Advanced Composite Materials”, 14<sup>th</sup> and 15<sup>th</sup> February 2017 at Karpagam College of Engineering, Coimbatore.
14. One day International Workshop on “Writing and Publishing Research Papers in High Impact Factor Journals” 17<sup>th</sup> August 2017 at Hindustan College of Engineering and Technology, Coimbatore.
15. One day National Workshop on “Applications of Mathematical Modelling and Simulation in Engineering Problems”, 31<sup>st</sup> August 2017 at Muthayammal Engineering College, Rasipuram.
16. One day National Seminar on “Human Factors and Ergonomics in Healthcare and Patient Safety”, 14<sup>th</sup> September 2017 at Muthayammal Engineering College, Rasipuram.
17. Two days National Seminar on “Recent Advances in Cryogenics and its Industrial Applications”, 6<sup>th</sup> October & 7<sup>th</sup> October 2017 at Muthayammal Engineering College, Rasipuram.
18. One day Workshop on “Tips for writing research proposals, journal papers and patent filing”, 27<sup>th</sup> February 2018 at K S R Institute for Engineering and Technology, Tiruchengode.
19. One-week Faculty Development Programme on Fundamentals of “Pedagogy in Engineering education”, 14<sup>th</sup> May to 19<sup>th</sup> May 2018 at Karpagam College of Engineering, Coimbatore.
20. One-week Faculty Development Training Programme on “ME6701- Power Plant Engineering”, 4<sup>th</sup> June to 10<sup>th</sup> June 2018 at Gnanamani College of Technology, Namakkal.
21. Three days Workshop on “Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes”, 19<sup>th</sup>

November to 21<sup>st</sup> November 2019 at K S R Institute for Engineering and Technology, Tiruchengode.

22. Three days Research Conclave on “Testing and Evaluation of Mechanical Properties on Jute Fibre Plain Woven Fabric Composite Structures”, conducted by Teaching Learning Centre, CIT Coimbatore January 2020. RSC ID – 33, Track ID – MS – 429 Dated: 10.01.2020, 2.30PM to 5.00PM.

### **Awards and Achievements**

<b>Name of the Award</b>	<b>Organization</b>
Best Teacher	JCI, Erode
Best Supervisor	The Institution of Engineers (India)
Best Faculty Advisor	The Institution of Engineers (India)

### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 42264)

### **Subject Links**

#### **1.Unconventional Machining Process**

<https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZAhWMso8KHWGDBZQQ6AEILjAC#v=onepage&q=Unconventional%20Machining%20Process&f=false>

Name	Dr.R.MANI		
Designation & Department	PROFESSOR & MECHANICAL		
Qualification	M.E., Ph.D.,MISTE		
Area of Specialization	SOLAR THERMAL,HEAT TRANSFER		
Date of Joining (KSR IET)	08.06.2017		
Experience (as on 11.09.2020)	Teaching:29 Years	Industry: Nil	Others: Nil
Number of Papers Published	National Journals      00	International Journals      03	
Number of Papers Presented	National Conferences : 01	International Conferences : 03	
Books Published	National Publisher      00	International publisher      00	
Contact Details	E Mail: maniskpcpri@ksriet.ac.in    Mobile:8012078075		

### **Publications (International Journals)**

1.Mani, R & Shanmugam, V 2015, ‘Thermal energy storage capacity of composite solid desiccant combined with paraffin wax for solar drying applications’, International Journal of Applied Engineering Research, Research India Publication, ISSN:0973-4562,vol.10,no.23 pp. 43818-43821. (Annexure II - Sl. No. 8565).

2.Mani, R & Shanmugam, V 2015, ‘Experimental investigation of forced convection solar dryer integrated with solid desiccant and phase change material’, International Journal of Applied Engineering Research, Research IndiaPublication,ISSN:0973-4562, vol. 10, no. 23, pp. 43919-43922. (Annexure II - Sl. No. 8565).

3.Mani, R et al.(2018) “Performance analysis of solar air dryer” International Journal of Engineering Science and Computing ISSN-2321-2019, Vol-9:Issue-3

### **Publications (International Conferences)**

1.Mani, R et al.(2016), ‘The Mechanical Behavior of NANO Sized Al<sub>2</sub> O<sub>3</sub> ’, Reinforced AL-SI7- MG alloy fabricated by powder metallurgy and forging”ARPN Journal of Engineering and Applied Sciences,ISSN:1819-6608, vol. 11, no. 09, pp. 6056-6061.

2. Mani, R et al.(2020), ‘Design and analysis of automatic ground nut extraction machine’ international conference on Science, Technology, Engineering and Management (ICSTEM ).

3. Mani, R et al.(2020), ‘Extraction of fuel from waste plastics by using pyrolysis process’ on international conference on Modern Engineering ,Science and Technology,

#### **Publications (National Conferences)**

1. Mani, R et al.(2019) “Performance analysis of solar air dryer” National conference on cutting edge innovation in engineering and technology (ICEICT-2019).

#### **Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	07.09.2020	11.09.2020	3D Printing and Design	AICTE (ATAL) □ 93,000

#### **Membership in Professional Bodies**

**Indian Society for Technical Education (ISTE) - Life Member**

#### **Subject Links**

1. Total Quality Management
2. Engineering Economics
3. Metrology and Measurements

<https://drive.google.com/drive/u/1/my-drive>.

[https://drive.google.com/drive/u/1/folders/15SKVZPm1\\_-7rnn4vv619eI2fXIv3DrhI](https://drive.google.com/drive/u/1/folders/15SKVZPm1_-7rnn4vv619eI2fXIv3DrhI)

<https://drive.google.com/drive/u/1/folders/1YzVFgM9Nfm0nWQfm-NwM-nWVwPmE15Ae>

Name	AMARNATH M			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	B.E., M.E.,			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	03.06.2013			
Experience (as on 01.03.2020)	Teaching: 7 Years 9 Months	Industry:1 Year	Others: NIL	
Number of Papers Published	National Journals : NIL International Journals 01			
Number of Papers Presented	National Conferences: 01 International Conferences : 02			
Books Published	National Publisher : NIL International publisher : NIL			
Contact Details	E Mail: tmamar@ksriet.ac.in Mobile: +91 9790021118			

#### **Publications (International Journals)**

1. S. Karthick, A.V.T. Shubhash, M. Amarnath, Dr. P. Kulandaivelu, “Modeling and Analysis Car wheel Rim by Using Peek Material”, International National Journal for Scientific Research & Development, Vol. 3, Issue 03, 2015 | ISSN (online): 2321-0613.

#### **Publications (International Conferences)**

1. M.Amarnath, “Investigation of Failed Spur Gear”, International Conference & Exhibition on Total Engineering, Analysis & Manufacturing Technology, TEAMTech 2009, November 2009.
2. M.Amarnath “Modeling and Analysis of Car Rim by Using Peek Material”, International Conference on Advanced Engineering and Technology for Sustainable Development, Karpagam College of Engineering, March 2015.

#### **Publications (National Conferences)**

1. M.Amarnath, “Metallurgical Analysis on a Failed EN-353 Steel Spur Gear”, National Conference on Recent Advancements in Mechanical Engineering 2010, K.S.Rangasamy College of Technology, January 2010.

### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM 51640)

### **Subject Links**

1. Unconventional Machining Process  
<https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZAhWMso8KHWGDBZQQ6AEILjAC#v=onepage&q=Unconventional%20Machining%20Process&f=false>
2. Dynamics of Machines  
[https://books.google.co.in/books?id=YI7vAwAAQBAJ&printsec=frontcover&source=gbs\\_ge\\_summary\\_r&cad=0#v=onepage&q&f=false](https://books.google.co.in/books?id=YI7vAwAAQBAJ&printsec=frontcover&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false)

Name	G.ANITHA			
Designation & Department	AP & Mechanical Engineering			
Qualification	M.E			
Area of Specialization	Engineering Design			
Date of Joining (KSR IET)	01-06-2016			
Experience (as on 01.01.2018)	Teaching:5.3 Years	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 0	
Number of Papers Presented	National Conferences : 00		International Conferences : 0	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: baskaran1207@gmail.com Mobile: 9942332115			

#### **Books /Instruction materials/monograms published**

<b>S.No</b>	<b>Title of the Book</b>	<b>Author(s)</b>	<b>Name &amp; Address of the Publisher</b>	<b>Year of Publishing</b>
<b>1.</b>	<b>BASIC CIVIL &amp; MECHANICAL ENGINEERING</b>	<b>Dr. P.Murugesan Mr.P.Gopinath Mrs.V.Sobiya Ms.G.Anitha</b>	<b>PUBLICATIONS</b>	<b>2017-2018</b>

#### **Training Offered**

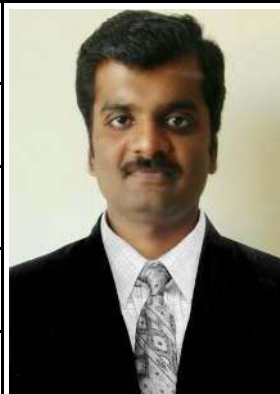
- **Hands on Training on "....."**

#### **Membership in Professional Bodies**

#### **Subject Links**

1. Automobile Engineering



Name	S.BALAMURUGAN			
Designation& Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E.			
Area of Specialization	MANUFACTURING SYSTEMS AND MANAGEMENT			
Date of Joining (KSR IET)	03.06.2013			
Experience (as on 31.05.2020)	Teaching: 11 years 4 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil International Journals 03			
Number of Papers Presented	National Conferences: 01 International Conferences : 01			
Books Published	National Publisher : Nil International publisher : Nil			
Contact Details	<u>E Mail : balz1984@ksriet.ac.in</u> Mobile : 9942315534			

#### **Publications (International Journals) 03**

1. S.Balamurugan, "Performance analysis of ceramic and carbide cutting tools in machining of EN36", International journal of science and Engineering, Vol-1: Issue-1 ISSN-2454-2016
2. S.Balamurugan, "Design and Analysis of Mixed Flow Pump Impeller", South Asian Journal of Engineering and Technology, Volume: 04 Issue: 06 2019
3. S.Balamurugan, "Preparation and Characterisation of Bio-Diesel Extraction from Waste Cooking Oil", International Journal of Engineering Science and Computing, Volume: 9 Issue: 3 2019

#### **(International Conferences) 01**

1. S.Balamurugan, R.A.Sachin, "Effect of Speed, Feed and Depth of Cut on surface roughness of OHNS steel during Hot Turning" International Conference in Magna on Emerging Engineering Trends" ICMEET 2k13, 10-13 April 2013 at Magna College of Engineering – Chennai

Publications (National Conferences) 01

2. S.Senthilkumaran, S.Balamurugan, S.Rajendra Boopathy, "Investigation into the Effect of Shot Size and Field Strength on the Cooling Rate of Magnetic Molding of Lm6 Al Alloy

Casting” National Conference on Advances in Robotics, Precision Engg., and Manufacturing Techniques AIRPAM 2008, 13-14 march 2008 at Madras Institute of Technology – Chennai.

### **Training Offered**

- Hands on Training on “CNC PROGRAMMING & HANDS ON TRAINING IN TURNING CENETR” during 09.01.2016 to 13.01.2016
- Hands on Training on “Measuring Instruments”

### **Membership in Professional Bodies**

Indian Society for Technical Education (ISTE )- Life Member

### **Subject Links**

<https://www.google.co.in/books/edition/Mechatronics/295zNfZaDYyC?hl=en&gbpv=1>

Name	P. CHAKRAVARTHI			
Designation & Department	AP & MECHANICAL			
Qualification	M.E			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	02.06.2014			
Experience (as on 31.05.2020)	Teaching: 9 years	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals 04	
Number of Papers Presented	National Conferences : 02		International Conferences : 01	
Books Published	National Publisher : Nil		International publisher : Nil	
Contact Details	E Mail: <a href="mailto:chakravarthime@ksriet.ac.in">chakravarthime@ksriet.ac.in</a> Mobile : 9750554605			

### **Publications (International Journals)**

1. P.Chakaravarthi, Abuthaker.A, Arun.S, Karthikeyan.U “Design and Performance Analysis of handy harvester” International Journal of Advance Research And Innovative Ideas In Education (ISSN(o): 2395-4396, paper Id: 1832) Volume- 2 issue-2 2016
2. Chakravarthi P, Shankar Ram R, Vasanth S, Tarun Chouhan S, Vishwanthan M S Characterization of Biodiesel Extracted from Cotton Seed Oil blended with Diesel EPH International Journal of Science and Engineering (ISSN: 2454 – 2016) Special Issue No.1, Volume -1 Recent Advancements in Mechanical Engineering - RAME'18
3. P. Chakravarthi, A. Karthikeyan, P. Kumar, R. Prakash, G. Karthik “Analysis of Reinforced Natural Fiber Cement Composites Roofing tiles” International Journal of Engineering Science and Computing, March 2019 (ISSN: 2321-3361) (20674 -20677) Volume 9 Issue No.3
4. P.Chakravarthi, D.Adhishankaran, S.Ajith Kumar, S.Gaby Sachin, B.Giridharan, “Profile Drag Analysis Of Sedan Car Using Computational Fluid Dynamics” International Journal of Engineering Science and Computing, March 2019 (ISSN: 2321-3361) (20259 -20263) Volume 9 Issue No.3

**Publications (International Conferences)**

1. P.Chakravarthi , “Modeling and Simulation control” proceedings of the International Conference, Karpagam College of Engineering, Coimbatore on 15<sup>th</sup> and 16<sup>th</sup> October 2015.

**Publications (National Conferences)**

1. P.Chakravarthi , “Tribological Analysis of Aluminum (LM4) composites reinforced with alumina particulates” proceedings of the National Conference, KSR College of Engineering , Thiruchengode on 11 February 2011.
2. P.Chakravarthi, Thermal Distribution Analysis on Surface Coated Cutting Tool Using ANSYS 13.0” proceedings of the National Conference, KSR Institute for Engineering and Technology, Tiruchengode, 10 Apr 2013.

**Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)**

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	30.03.2016	04.06.2016	Recent Developments in Prosthesis Materials and its Challenges in Medical Applications	ICMR & Rs.40,000/-

**Consultancy Activities (Industry)**

S.No	Title of the Project	Name of the Company
1.	Product development ,part programming code generation and Machining of Mini Lift Gear Box	SMW Hydraulics India
2	Product development, part programming code generation and Machining of Mixer drive shaft	United Manufacturing India

**Training Offered**

- Hands on Training on “ADVANCEMENT IN CNC PROGRAMMING & HANDS ON TRAINING IN TURNING CENETR” during 29 & 31<sup>st</sup> July 2015.
- Hands on Training on “CNC PROGRAMMING & HANDS ON TRAINING IN TURNING CENETR” during 09.01.2016 to 13.01.2016.

**Membership in Professional Bodies**

**Indian Society for Technical Education (ISTE) - Life Member (LM 99904)**

## Subject Links

Sl. No	Subject name	Subject material Link
1	Fluid Mechanics and Machinery	<a href="https://drive.google.com/file/d/1A7f7WRNT2f15w3fo4InCNr85kRBLlIfv/view?usp=sharing">https://drive.google.com/file/d/1A7f7WRNT2f15w3fo4InCNr85kRBLlIfv/view?usp=sharing</a>
2	Process planning and cost estimation	<a href="https://drive.google.com/file/d/1xlGMOSS3veVBFnge1ouHHhi_JgZvzCX9/view?usp=sharing">https://drive.google.com/file/d/1xlGMOSS3veVBFnge1ouHHhi_JgZvzCX9/view?usp=sharing</a>
3	Automobile Engineering	<a href="https://drive.google.com/file/d/1ZZ4VAF9DJI5Ca18aUlq2L8YvVCL7cJtw/view?usp=sharing">https://drive.google.com/file/d/1ZZ4VAF9DJI5Ca18aUlq2L8YvVCL7cJtw/view?usp=sharing</a>

Name	Dr. P. KANAKARAJAN			
Department	Mechanical Engineering			
Qualification	B.E. M.E., Ph.D.,			
Area of Specialization	PRODUCTION TECHNOLOGY & ACOUSTIC EMISSION TECHNIQUE			
Date of Joining (KSR IET)	01.04.2021			
Experience (as on 30.06.2021)	Teaching: 29 Years 10 Months	Industry: 00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 03	
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher : 00		International publisher : 01	
Contact Details	E Mail: kanagu.dhana@ksriet.ac.in    Mobile: 9842555119			

**Title of Ph.D. Thesis** : Experimental investigation on surface roughness of machined alumina and simultaneous wear of silicon carbide grinding wheel by using acoustic emission technique.

**Faculty in which Ph.D. was awarded** : Faculty of Mechanical Engineering

**Recognized Ph.D. Supervisor**

- Anna University Supervisor Ref. No.: 3320071, Chennai – 600 025, Tamil Nadu, INDIA.

### **Publications (International Journals)**

1. **Kanakarajan, P**, Sundaram, S, Kumaravel, A, Rajasekar, R & Sathishkumar, P 2015, 'Acoustic emission testing of surface roughness and wear caused by grinding of ceramic materials', Materials Testing, vol. 57, no. 4, pp. 337-342.
2. **Kanakarajan, P**, Sundaram, S, Kumaravel, A, Rajasekar, R & Venkatachalam, R 2016, 'Acoustic emission testing of the machining performance of SiC grinding wheel shaped Al<sub>2</sub>O<sub>3</sub> ceramics', Materials Testing, vol. 58, no. 10, pp. 908-912.
3. **Kanakarajan, P**, Sundaram, S, Kumaravel, A, Rajasekar, R & Venkatachalam, R 2017, 'Prediction of the surface roughness and wheel wear of modern ceramic material (Al<sub>2</sub>O<sub>3</sub>) during grinding using multiple regression analysis model', Indian Journal of Engineering & Materials Sciences, vol. 24, June 2017, pp. 182-186.

### **Books / Instruction materials / monographs published**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	"Electrochemical Super Capacitors Fabricated by the Layer-by-Layer (LbL) Technique"	<b>P.Kanagarajan</b> C.Moganapriya, P. Sathish Kumar & Samir Kumar Pal	Materials Research Forum LLC 26 (doi.org/10.21741/9781945291579-8), Chapter 8, pp. 236 – 262.	2018

### **NPTEL Online Certification Course:**

1. 'Fundamentals of Manufacturing Processes', P. Kanakarajan, Jul – Oct 2019, for successfully completed with Elite from Indian Institute of Technology, Roorkee.

### **Patents:**

1. Accident Prevention System by Electromagnetic Bumper, Patent filled on 03.12.2019, Intellectual Property India, Government of India. Application No: 201941049644. Reference No: E-2/38872019-CHE.

### **Membership of Professional Bodies:**

- Life Membership, Indian Society for Technical Education (ISTE) India.
- Life Membership, MIE.

**List of Short Term Courses Organized:**

Sl. No.	Details of Short term Courses/Conferences Organized
1.	Coordinator for a workshop on “Advanced IC engines”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, during 23 – 24, February 2017.
2.	Coordinator for a workshop on “Environmental Sustainability through Research and Development”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 09, September 2016.
3.	Coordinator for a workshop on “Automotive Engine and Vehicle Technology” under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 12 August 2015.
4.	Coordinator for a workshop on “Present Scenario of Automobile Industries” under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 10 January 2015.
5.	Coordinator for a National Level Technical Symposium conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 22 August 2014.
6.	Coordinator for a one day seminar on “Recent Trends in Automobile Electronics” under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 07 October 2013.
7.	Coordinator for a one day seminar on “Latest Technologies in Automobile Industries”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 19 January 2013.
8.	Coordinator for a one day seminar on “Best Practices in Automobile Industry”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 04 July 2012.
9.	Coordinator for a workshop on “New Frontiers in Research Computing”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, during 03 – 04, February 2012.
10.	Coordinator for a one day seminar on “Vehicle Dynamics and Testing”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 28 January 2012.
11.	Coordinator for a one day seminar on “Emission Control Methods and Norms for Automotive Vehicles”, under Self-Financed Category, conducted at K.S.R. College of Engineering, Tiruchengode, Namakkal, on 20 December 2011.



**List of Short Term Courses Attended:**

Sl. No.	Details of Short term Courses/Seminars/Workshops Attended
1.	A webinar on “Latest Developments in Robotic & Manual MIG Welding Systems” conducted by the Siemens Centre of Excellence in Manufacturing, NIT, Trichy, Trichy in association with AMAR Tech, Bangalore & Kemppi India Ltd on 03.06.2021.
2.	5 - Days online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by AICTE from 14 – 18 June 2021.
3.	The online webinar on “Composite in Precision Engineering” organized by Department of Mechanical Engineering, BIST, BIHER, Chennai and Department of Mechanical and Manufacturing, UKM, Malaysia on 05 <sup>th</sup> June 2021.
4.	MHRD sponsored Faculty Development Programme on “Fundamentals of manufacturing processes” organized by NPTEL-AICTE from July 2019 to October 2019.
5.	One day workshop on “Outcome Based Education” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 01 November 2018.
6.	A National level workshop on “Big data analytics, Artificial Intelligence, Machine learning and Deep Learning” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 31 October 2018.
7.	A One Day National level workshop on “Writing Successful Proposal to Funding Agencies” organized by K.S.R. Institute For Engineering and Technology, Thiruchengode, Namakkal, Tamilnadu on 31 August 2018.
8.	A National level Workshop on “Industrial Automation using – PLC program” organized by Department of Mechanical Engineering, Nandha College of Technology, Erode, Tamilnadu from 02 August to 03 August 2017.
9.	One day seminar on “Patent Filing in India and other Countries” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 08 August 2016.
10.	A International level workshop on “Journal Paper Writing and Preparation of Winner Research Proposal” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu from 19 August to 20 August 2016.
11.	A National level Workshop on “Blooms Taxonomy and its Assessments” organized by K.S.R. College of Engineering, Thiruchengode, Namakkal, Tamilnadu on 20 March 2015.

Name	K.GOPALAKRISHNAN			
Designation& Department	ASSISTANT PROFESSOR&MECHANICALENGINEERING			
Qualification	M.E			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	01.06.2015			
Experience (as on30.05.2020)	Teaching: 5 Years 3 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals : 04	
Number of Papers Presented	National Conferences: Nil		International Conferences : 04	
Books Published	National Publisher : Nil		International publisher : Nil	
Contact Details	E Mail:kgkrishnan91@ksriet.ac.in		Mobile: +91 -9442822032	

#### **Publications (International Journals)**

1. K.Gopalakrishnan, Design and Fabrication of Automatic box Packing Machine published in International Journal of Advanced Research Methodology in Engineering and Technology (IJARMET) Volume 4, Issue 1, February 2020 ISSN 2456 -6446.
2. K.Gopalakrishnan, Optimization of Cutting parameters in Turning of Aluminium 7075 alloy using RSM – IJESC (ISSN: 2321- 3361) Volume No 9 Issue No. 3 2019.
3. K.Gopalakrishnan, Optimization of Cutting parameters in Milling of Aluminium 7075 alloy using Response surface Methodology –International Journal of Science and Engineering (ISSN: 2454-2016 ) Volume No 1 2018.
4. K.Gopalakrishnan, Optimization of Cutting parameters in Drilling of Aluminium 7075 alloy using Response surface Methodology –International Journal of Science and Engineering (ISSN: 2454-2016 ) Volume No 1 2018.

#### **Publications (International Conferences)**

1. Presented a paper titled on “Design and Fabrication of Automatic box Packing Machine” International Conference on science, Technology, Engineering and Management ICSTEM 20,

Dr. Kalam Institute of Engineering Research, Coimbatore.

2. Presented a paper titled on “Design and Fabrication of coconut Dehusking Machine” International Conference on science, Technology, Engineering and Management ICSTEM 20, Dr. Kalam Institute of Engineering Research, Coimbatore.
3. Presented a paper titled on “Optimization of Cutting parameters in Turning of Aluminium 7075 alloy using RSM International Conference on Innovative Engineering Initiatives (ICIEI 2019) at Nandha College of Engineering, Erode.
4. Presented a paper titled on “Optimization of cutting parameters in milling of Aluminium 7075 alloy using RSM International Conference on Innovative Engineering Initiatives (ICIEI 2019) at Nandha College of Engineering, Erode.


### **Membership in Professional Bodies**

Nil

### **Subject Links**

<https://drive.google.com/drive/folders/1FFXCtSzeakt-Kdl8Tvw2mczCfFhP9KrV?usp=sharing>

<https://drive.google.com/file/d/1aYSpOWoxjpXe5tN2NUjxmXK44yd5rxNx/view?usp=sharing>

Name	P.MANIKANDAN			
Department	MECHANICAL ENGINEERING			
Qualification	M.E.,			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	04-08-2011			
Experience (as on 30.05.2020)	Teaching: 9 Years, 6 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals : 02	
Number of Papers Presented	National Conferences: 05		International Conferences : 02	
Books Published	National Publisher : Nil		International publisher : Nil	
Contact Details	E Mail: <a href="mailto:maniksriet@ksriet.ac.in">maniksriet@ksriet.ac.in</a> Mobile: 9944715534			

#### **Publications (International Journals) .**

1. P.Manikandan, “ Design and Analysis of Parallel Hybrid Two Wheeler” International Journal of Engineering Science and Computing, Vol-9:Issue-3 ISSN-2321-2019, (Impact Factor – 5.611)
2. P.Manikandan, “Design and Performance Analysis of P2H Electric Vehicle” International Research Journal of modernization in Engineering Technology and Science, Volume:02/Issue:03/March-2020,

#### **Publications (National Journals)**

Nil

#### **Publications (International Conferences)**

1. P.Manikandan, “Design and modification of fixture to avoid seal damage and oil leak in engines”, in international conference on advances on biotechnology, civil & Mechanical Science (ICABCMS-2017) Selvam College of Technology, March 2017.

#### **Publications (National Conferences)**

1. P.Manikandan, “Force Distribution Analysis of Herring Bone Gears used in Windmill Turbine”, Proceedings of the National Conference on Advances in Mechanical Engineering (NCAME- 2010) Mahendra Engineering College, April 2010.
2. P.Manikandan, “Force Distribution Analysis of Herring Bone Gears used in Windmill Turbine”, National conference on Recent Advances in Mechanical Engineering (RAME 2010), K.S.Rangasamy College of Technology, Tiruchengode

3. P.Manikandan,“Design and Fabrication of Composite Spur Gear Using Coir Fiber” National conference on Recent Advances in Mechanical Engineering 2015 (RAME 2015), K.S. Rangasamy College of Technology, April2015.
4. P.Manikandan,“Fracture Behaviour Analysis of Fly Ash Composites”, National conference on Recent Inventions in Dynamic Engineering 2015 (RIDE 2K15), Mahendra Institute of Engineering and Technology, March 2015.
5. P.Manikandan,“Hydraulic Activated Mono Suspension”, National conference on Emerging Trend in Engineering and Technology 2017 (ETET 2K15), Gnanamani College of Technology, March2017.
6. P.Manikandan,“Analysis of P2H Vehicle”, National conference on Advances Technologies on Aerospace & Mechanical Engineering, CSI College of Engineering, January 2020.

#### **Funded Programmes Organized(Seminar/Conference/Workshop/FDP/STTP/Other)**

S.No.	Date		Topic/Title	Funding agency and Amount Sanctioned
	From	To		
1.	8.11.2012	9.11.2012	Heat Exchangers and its Applications	CSIR & Rs 30,000/-

#### **Training attended**

1. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
2. Training on Compressor dismantling and assembling held at ELGI Equipments Ltd, Erode.
3. Faculty Development Program on Advanced CNC and Automation Tools held at K.S.Rangasamy College of Technology, &organized by MTAB Technology Center on December 2014.
4. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
5. Workshop on Environmental Pollution and Control held at Karpagam College of Engineering on November 2015.
6. Workshop on Safety and Security in Automobile held at Karpagam College of Engineering on November 2015.
7. Workshop on Robotics in Industrial Automation Karpagam College of Engineering on November2015.
8. Seminar on Human factors and Ergonomics in Health care and Patient Safety held at Muthayammal Engineering College, on September 2017.
9. Seminar on Recent Advances in Cryogenics and Industrial Application shield at Muthayammal Engineering College, on October 2017.
10. Workshop on Tips for Writing research proposals, journal papers and patent filing held on February2018.

#### **Membership in Professional Bodies**

1. Indian Society for Technical Education(ISTE)-Life Member (LM77215)

### **Subject Links**

1. [https://www.google.co.in/books/edition/Engineering\\_Mechanics/9TZ6sKfu3w4C?hl=en&gbpv=1&dq=engineering+mechanics&printsec=frontcover](https://www.google.co.in/books/edition/Engineering_Mechanics/9TZ6sKfu3w4C?hl=en&gbpv=1&dq=engineering+mechanics&printsec=frontcover)
2. [https://www.google.co.in/books/edition/Engineering\\_Drawing\\_And\\_Graphics\\_+\\_Autoc/yoY93bf\\_QQAC?hl=en&gbpv=1&dq=engineering+graphics&pg=RA1-PP1&printsec=frontcover](https://www.google.co.in/books/edition/Engineering_Drawing_And_Graphics_+_Autoc/yoY93bf_QQAC?hl=en&gbpv=1&dq=engineering+graphics&pg=RA1-PP1&printsec=frontcover)
3. [https://www.google.co.in/books/edition/A\\_Textbook\\_of\\_Strength\\_of\\_Materials/2IHEqp8dNWwC?hl=en&gbpv=1&dq=strength+of+materials&printsec=frontcover](https://www.google.co.in/books/edition/A_Textbook_of_Strength_of_Materials/2IHEqp8dNWwC?hl=en&gbpv=1&dq=strength+of+materials&printsec=frontcover)
4. [https://www.google.co.in/books/edition/Power\\_Plant\\_Engineering/Cv9LH4ckuEwC?hl=en&gbpv=1&dq=power+plant+engineering&printsec=frontcover](https://www.google.co.in/books/edition/Power_Plant_Engineering/Cv9LH4ckuEwC?hl=en&gbpv=1&dq=power+plant+engineering&printsec=frontcover)

Name	J.Mathan			
Department	Mechanical Engineering			
Qualification	M.E			
Area of Specialization	Computer Aided Design			
Date of Joining (KSR IET)	01-06-2016			
Experience (as on 01.01.2016)	Teaching:4.2 Years	Industry: NIL	Others: NIL	
Number of Papers Published	National Journals : NIL		International Journals	03
Number of Papers Presented	National Conferences : 02		International Conferences : 02	
Books Published	National Publisher : NIL		International publisher	: NIL
Contact Details	E Mail: <a href="mailto:my.mathan@ksriet.ac.in">my.mathan@ksriet.ac.in</a>		Mobile: 9698199798	

### **Publications (International Journals)**

1. V. Manimaran, S.Vigneshwaran, S. Sakthivel, J. Mathan and S.Tamilvanan, “ Studies on Microstructures and Processing of Ss409m Sheet”, IJAR Int. J. Adv. Res. 5(4), 586-591
2. V.Manimaran,J Mathan,E.Thirumoorthy ,A.Kumaravel’ “Studies on Cutting Performance of Plasma Spray Coated Swing Hammer”, International Journal of Innovative Research in Technology, Science & Engineering (IJIRTSE), ISSN: 2395-5619, Volume – 2, Issue – 5
3. J.Mathan, L.Ashwin, P.Bharath, P.Dharani Shankar, P.V.Jackson “Aero Dynamic Analysis of Multi Winglets in Light Weight Aircraft”, SSRG-IJME, ISSN:2348-8360, pp-12-19.

## **Subject Links**

### **1. Mechatronics**

<https://drive.google.com/drive/folders/1UJmtHhS-BpOhWE53v7K6EA9dmUa5wlS>

### **2. Unconventional Machining Processes**

<https://books.google.co.in/books?id=uC3rHzhogmMC&printsec=frontcover&dq=Unconventional+Machining+Process&hl=en&sa=X&ved=0ahUKEwib6syEwpPZAhWMso8KHWGDBZQQ6AEILjAC#v=onepage&q=Unconventional%20Machining%20Process&f=false>



Name	A.MOHANRAJ			
Designation & Department	Assistant Professor & Mechanical Engineering			
Qualification	M.E.			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	04.08.2011			
Experience (as on30.05.2020)	Teaching: 9Years, 6 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals 01	
Number of Papers Presented	National Conferences : 02		International Conferences : Nil	
Books Published	National Publisher : Nil		International publisher : Nil	
Contact Details	E Mail:mohanrajksriet@gmail.com Mobile:9952555077			

#### **Publications (International Journals)**

1. A.Mohanraj, "Investigation of mechanical properties of jute fiber epoxy reinforced composites using Taguchi method" International Journal of Tierarztliche Praxis, Vol-9:Issue-3 ISSN-0303-6286

#### **Publications (National Conferences)**

1. A.Mohanraj, "Fracture Behaviour Analysis of Fly Ash Composites", National conference on Recent Inventions in Dynamic Engineering 2015 (RIDE 2K15), Mahendra Institute of Engineering and Technology, March 2015.
2. A.Mohanraj, "Hydraulic Activated Mono Suspension", National conference on Emerging Trend in Engineering and Technology 2017 (ETET 2K15), Gnanamani College of Technology, March 2017.

### Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	SHAFT AND GEAR MACHINING	United CAD Solution - Salem

### Training attended

1. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
2. Faculty Development Program on Advanced CNC and Automation Tools held at K.S.Rangasamy College of Technology, &organized by MTAB Technology Center on December 2014.
3. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
4. Workshop on Environmental Pollution and Control held at Karpagam College of Engineering on November 2015.
5. Workshop on Safety and Security in Automobile held at Karpagam College of Engineering on November 2015.
6. Workshop on Robotics in Industrial Automation Karpagam College of Engineering on November 2015.
7. Seminar on Human factors and Ergonomics in Health care and Patient Safety held at Muthayammal Engineering College, on September 2017.
8. Seminar on Recent Advances in Cryogenics and Industrial Application shield at Muthayammal Engineering College, on October 2017.
9. Workshop on Tips for Writing research proposals, journal papers and patent filing held on February 2018.

### Membership in Professional Bodies

1. Indian Society for Technical Education (ISTE) - Life Member (LM77214)

### Subject Links

1. [https://www.google.co.in/books/edition/Engineering\\_Mechanics/9TZ6sKfu3w4C?hl=en&gbpv=1&dq=engineering+mechanics&printsec=frontcover](https://www.google.co.in/books/edition/Engineering_Mechanics/9TZ6sKfu3w4C?hl=en&gbpv=1&dq=engineering+mechanics&printsec=frontcover)
2. [https://www.google.co.in/books/edition/Engineering\\_Drawing\\_And\\_Graphics\\_+Autoc/yOY93bf\\_QQAC?hl=en&gbpv=1&dq=engineering+graphics&pg=RA1-PP1&printsec=frontcover](https://www.google.co.in/books/edition/Engineering_Drawing_And_Graphics_+Autoc/yOY93bf_QQAC?hl=en&gbpv=1&dq=engineering+graphics&pg=RA1-PP1&printsec=frontcover)
3. [https://www.google.co.in/books/edition/A\\_Textbook\\_of\\_Strength\\_of\\_Materials/2IHEqp8dNWwC?hl=en&gbpv=1&dq=strength+of+materials&printsec=frontcover](https://www.google.co.in/books/edition/A_Textbook_of_Strength_of_Materials/2IHEqp8dNWwC?hl=en&gbpv=1&dq=strength+of+materials&printsec=frontcover)
4. [https://www.google.co.in/books/edition/Power\\_Plant\\_Engineering/Cv9LH4ckuEwC?hl=en&gbpv=1&dq=power+plant+engineering&printsec=frontcover](https://www.google.co.in/books/edition/Power_Plant_Engineering/Cv9LH4ckuEwC?hl=en&gbpv=1&dq=power+plant+engineering&printsec=frontcover)

Name	S.PONNUSAMY			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E.,			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	04-06-2012			
Experience (as on 01.01.2018)	Teaching: 11 Years	Industry: 09	Others: 00	
Number of Papers Published	National Journals      00	International Journals      02		
Number of Papers Presented	National Conferences : 02		International Conferences : 00	
Books Published	National Publisher      00	International publisher      00		
Contact Details	E Mail: yesponnu@gmail.com    Mobile: 9443827970			

#### **Publications (International Journals)**


- 1.S.Ponnusamy, "Design & Analysis of Material handling system using kinematic mechanism", IRJET, ISSN: 2395-2019, Vol-6: Issue-32.
- 2.S.Ponnusamy, "FEA and Wear Rate Analysis of Nano Coated HSS Tools for Industrial Applications", IJESC, ISSN-2321-2019Vol-9:Issue-3.

#### **Publications (National Conferences)**

- 1.Presented a paper on "Design & Analysis of Material handling system using kinematic mechanism".
2. FEA and Wear Rate Analysis of Nano Coated HSS Tools for Industrial Applications".

#### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member

Name	A.PREMKUMAR			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	B.E. M.E.			
Area of Specialization	CAD/CAM ENGINEERING			
Date of Joining (KSR IET)	01.06.2015			
Experience (as on 01.03.2020)	Teaching: 4 Years 9 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals	Nil	International Journals	04
Number of Papers Presented	National Conferences : 03		International Conferences : 01	
Books Published	National Publisher	Nil	International publisher	Nil
Contact Details	E Mail:premmemba@ksriet.ac.in      Mobile:9865674236			

#### **Publications (International Journals)**

1. A.Prem kumar, "Design & Analysis of Connecting Rod by Composite Material", International Journal of Research and Development Organization (IJRDO)-Journal of Mechanical And Civil Engineering, ISSN 2456-1479, Volume-1 , Issue-7 , July 2015 , Paper-1
2. A.Prem kumar, "Heat Transfer Analysis in Internally Grooved Tube", AGU International Journal of Engineering & Technology, (AGUIJET) 2015, Vol. No. 1, Jul-Dec.
3. A.Prem kumar, "CFD Modeling of the Automobile Catalytic Converter"- International Journal of Engineering Science and Computing, ISSN 2250-1371, Volume.9 Issue-3 (March 2019)
4. A.Prem kumar, "Performance Analysis of Biodiesel Blends using C.I Engine"- International Journal of Engineering Science and Computing, ISSN 2250-1371, Volume.9 Issue-3 (March 2019)

### **Publications (International Conferences)**

1. A.Prem kumar “Design and Analysis of Connecting Rod By Composite Material” at Surya Engineering College, Erode, 4&5<sup>th</sup> March 2015

### **Publications (National Conferences)**

1. Presented a paper on “Design and Analysis of Connecting Rod By Composite Material” at Nandha Engineering College, Erode, 31<sup>st</sup> March 2015
2. Presented a paper on “CFD Modeling of the Automobile Catalytic Converter” at M.Kumarasamy College of Engineering, Karur, 15<sup>th</sup> March 2019
3. Presented a paper on “Performance Analysis of Biodiesel Blends using C.I Engine” at Nandha College of Technology, Erode, 16<sup>th</sup> March 2019

### **Subject Links**

#### **1. Manufacturing Technology-I**

<https://drive.google.com/file/d/1ZOu96I5eoacy9ZXMWCUguzJXZ4ikBrdt/view?usp=sharing>

Name	S.RAHUL			
Department	Mechanical Engineering			
Qualification	M.E			
Area of Specialization	Computer Aided Design			
Date of Joining (KSR IET)	03-06-2017			
Experience (as on 16.06.2020)	Teaching:6 Years	Industry: Nil	Others: nil	
Number of Papers Published	National Journals : 01 International Journals 01			
Number of Papers Presented	National Conferences : 04 International Conferences : 03			
Books Published	National Publisher : nil International publisher : nil			
Contact Details	E Mail: kevin.rahul40@gmail.com Mobile: 9942686279			

#### **Publications (International Journals)**

1. Paper entitled "Investigation And Improving Impact Strength Of Hybrid Composites On Two Wheeler Side Box" is now accepted for oral presentation and also publish in Journal indexed by Scopus and Anna University Annexure-II by pay additional charges along with registration fee.  
Paper ID - AMESHE – 313

#### **Publications (National Journals)**

1. Tribological Behaviour of Aluminum Hybrid Metal Matrix Composite Reinforced With Coconut Shell Ash and Egg Shell Ash”, Rahul.S<sup>1</sup>, Praveen Kumar.S<sup>2</sup>, Saran.K<sup>3</sup>, Velmurugan.T, Vijay Anand.G

#### **Publications (International Conferences)**

1. Presented a paper titled on “Design And Analysis Of Helical Spring Using Composite Materials” International Conference on Innovative Engineering Initiatives (ICIEI 2019) at SRM TRP Engineering College Trichy.
2. Presented a paper titled on “Design and Analysis of Stretcher with Portable Bed” International Conference on Computer, Civil, Electronical, Electronics, Mechanical and Management

I3C2E2M 2017, Sri Sai Ranganathan Engineering College, Coimbatore.

3. Paper entitled "Investigation And Improving Impact Strength of Hybrid Composites On Two Wheeler Side Box" is now accepted for oral presentation and also publish in Journal indexed by Scopus and Anna University Annexure-II by pay additional charges along with registration fee. Paper ID - AMESHE – 313

#### **Publications (National Conferences)**

1. Presented a paper titled on “Tribological study of aluminum nano particles” in National conference on emerging trends in mechanical engineering at KSR College of technology, Namakkal.
2. Presented a paper titled on “Fabrication of Tri Engine Compressor at Nandha College of engineering, Coimbatore sponsored by ISTE, ISME & JOET.
3. Participated in the one day national level national conferences held on “characterization and application of composite materials” conducted by N.S.N College of Engineering and Technology, Karur.
4. Participated in a national level conference on “Recent Advancement In Mechanical Engineering” conducted by K.S.Rangasamy College of Technology, Tiruchengode.

#### **Subject Link**

1. <https://drive.google.com/drive/folders/1UJmtHhS-BpOhWE53v-7K6adA9dmUa5w1S?usp=sharing>
2. <https://www.google.co.in/books/edition/Robotics/295zNfZaDYyC?hl=en&gbpv=1>
3. <https://nptel.ac.in/courses/119/104/112104121/>

Name	V.SOBIYA			
Designation & Department	AP & Mechanical Engineering			
Qualification	M.E			
Area of Specialization	(Structural Engineering)			
Date of Joining (KSR IET)	01-06-2016			
Experience (as on 01.01.2018)	Teaching:5.7 Years	Industry:00	Others: 00	
Number of Papers Published	National Journals      00	International Journals      0		
Number of Papers Presented	National Conferences : 00		International Conferences : 0	
Books Published	National Publisher      00	International publisher      00		
Contact Details	E Mail: sobiya44@gmail.com      Mobile: 918526883613			

#### **Books /Instruction materials/monograms published**

<b>S.No</b>	<b>Title of the Book</b>	<b>Author(s)</b>	<b>Name &amp; Address of the Publisher</b>	<b>Year of Publishing</b>
<b>1.</b>	<b>BASIC CIVIL &amp; MECHANICAL ENGINEERING</b>	<b>Dr. P.Murugesan Mr.P.Gopinath Mrs.V.Sobiya Ms.G.Anitha</b>	<b>PUBLICATIONS</b>	<b>2017-2018</b>



Name	R.VASANTHAKUMAR			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E.,			
Area of Specialization	THERMAL POWER			
Date of Joining (KSR IET)	03-06-2013			
Experience (as on 31.01.2020)	Teaching :15 Years 6 Months	Industry : Nil	Others : Nil	
Number of Papers Published	National Journals : Nil		International Journals : 05	
Number of Papers Presented	National Conferences : 03		International Conferences : 05	
Books Published	National Publisher : Nil		International publisher : Nil	
Contact Details	Email : <a href="mailto:mrvasanth@ksriet.ac.in">mrvasanth@ksriet.ac.in</a> Mobile : 9865019515			

#### **Publications (International Journals)**

1. **R.Vasanthakumar**, Design and analysis of formula-3 frame, International Journal of Engineering Science and Computing Vol-9:Issue-3, ISSN-2321-2019
2. **R.Vasanthakumar**, Heat transfer enhancement of solar water heater using various tape inserts, International journal of science and Engineering Vol-1: Issue-1ISSN-2454-2016
3. R.Sasidaran, P.Murugesan, **R.Vasanthakumar**, Study of airflow through modified HVAC ducts in a multi utility vehicle using CFD software-International journal for research in mechanical engineering-Vol-3: issue 042016.
4. AVT Shubhash, **R.Vasanthakumar** , CFD Investigation of Heat Transfer Enhancement in Flat Plate Solar Collector using Various Cross Sectional Inserts- IJSRD - International Journal for Scientific Research & Development| Vol. 3, Issue 03, 2015 | ISSN (online): 2321-0613
5. AVT Shubhash, **R.Vasanthakumar** , CFD analysis of flat plate solar collector for heat transfer enhancement using various insets International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 19(2015)

### **Publications (International Conferences)**

1. R.Vasanthakumar, P.Navaneethakrishnan, **Study of heat transfer through solar water heater with various inserts**, proceedings of the International Conference in Synergistic Evolutions in Engineering(ICSEE), Surya Engineering college, Erode on 04 & 05<sup>th</sup> March2015.
2. R.Vasanthakumar, P.Navaneethakrishnan, **CFD analysis of solar water heater with various inserts**, proceedings of the International Conference on evolution of Topical InMechanical Engineering (e-TIME 2016) at Vidyaa Vikas College of Engineering and Technology, Tiruchengode on 12<sup>th</sup> April2016.
3. R.Vasanthakumar, P.Navaneethakrishnan, **Enhancement of Heat transfer in solar water heater with nano fluids**, proceedings of the International Conference on Advancement in Science, Engineering, Technology & Management-2016 (ICASSETM'16) held at M.P.NachimuthuM.Jaganathan Engineering College, Chennimalai, Erode on 16<sup>th</sup> April2016.
4. R.Vasanthakumar, P.Navaneethakrishnan, **“Analysis of Heat Transfer through Solar Water Heater with various inserts”** International conference on Advancements in Science, Engineering, Technology & Management-2017 (ICASSETM'17) held at M.P.NachimuthuM.Jaganathan Engineering College, Chennimalai, Erode on 25<sup>th</sup> March 2017.
5. R.Vasanthakumar, **“ Heat and Friction Factor Characteristics of variant twistedtape fitted in a double pipe heat exchanger”** International conference on Modern Engineering, Science and Technology held at Dr.Kalam Institute of Engineering Research, Chennai on 17<sup>th</sup> February 2020.

### **Publications (National Conferences)**

1. R.Vasanthakumar, **Integration of Renewable and non renewable fuels for environmental friendly analysis**, Proceedings of the national Conference on Development-Cum-Environment Friendly Future Industrial Fuels (DEFIF), Kumaraguru college of Technology, Coimbatore. [2005] pp45-48
2. R.Vasanthakumar, **Modeling of Generator in vapour absorption Refrigeration system**, Proceedings of the national conference on advances in Mechanical Engineering (AIMS), Sengunthar College of Engineering, Tiruchengode [2010] pp110-115.
3. R.Vasanthakumar, S.Ravi, **CFD based thermal analysis of hotel kitchen Environment for Ergonomics Designs**, Proceedings of the national conference on advances in civil and mechanical engineering (ACME), Sengunthar College of Engineering, Tiruchengode [2012]pp67-72.


### **Membership in Professional Bodies**

- Indian Society for Technical Education (ISTE) - Life Member (LM77215)

### **Subject Link**

#### **(Renewable Energy Sources)**

1. <https://drive.google.com/file/d/1SejSj2LNNdiAh3tdvH9BH36QqaksWwEg/view?usp=sharing>
2. <https://drive.google.com/file/d/14jUdG131VhpOxhxAqZXw-B33M3lJSYhg/view?usp=sharing>
3. <https://drive.google.com/file/d/1cFr8-Z4sBVYQCMxEUnzsTAlf4OSpr6hd/view?usp=sharing>

Name	K.VELUSAMY			
Designation & Department	AP & MECHANICAL ENGINEERING			
Qualification	M.E			
Area of Specialization	CAD			
Date of Joining (KSR IET)	04-06-2014			
Experience (as on 31.01.2020)	Teaching: 19 Years 6 months	Industry: 01	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals : 02	
Number of Papers Presented	National Conferences : 01		International Conferences : 02	
Books Published	National Publisher : Nil		International publisher: Nil	
Contact Details	E Mail : velumechcad@ksriet.ac.in      Mobile: 9524756058			

#### **Publications (International Journals)**

1. **K.Velusamy**, “Design & Analysis of Internal & External grinding attachment for lathe”, International Research Journal of Engineering and Technology, Vol-6: Issue-32, ISSN:2395-2019.
2. **K.Velusamy**, “Design and Analysis of Voice Control Wheel Chair”, International Research Journal of Engineering and Technology, Vol- 9 Issue No.3, ISSN-2321-2019.

#### **Publications (International Conferences)**

1. K.Velusamy, “**Design & Analysis of Internal & External grinding attachment for lathe**” International conference on Modelling, simulation and control held at Karpagam College of Engineering, Coimbatore on 15 & 16<sup>th</sup> October 2015.
2. K.Velusamy, “**Design and Analysis of centrifugal pump impeller using CFD analysis**” International conference on Science , Technology, Engineering and Management (ICSTEM’20) held at Kalaignarkarunanidhi Institute of Technology, Coimbatore on 13 & 14<sup>th</sup> March 2020.

**Publications (National Conferences)**

1. K.Velusamy, “**Design and Analysis of Voice Control Wheel Chair** ” Emerging Trends in Engineering Design & Manufacturing held at Hindusthan Institute of Technology, Coimbatore on 22.03.2019

**Books /Instruction materials/monographs published****Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member.**

**Subject Links****Thermal Engineering-I**

1. <https://www.youtube.com/watch?v=LOqmeV2BIeU>
2. <https://nptel.ac.in/courses/101101001/28>
3. <https://www.youtube.com/watch?v=ZBfmj4PRoRA>
4. <https://www.youtube.com/watch?v=NakOoD-G0IY>
5. <https://www.youtube.com/watch?v=nCd6m7WIH00>

Name	Dr. N KUMARAVEL			
Designation & Department	Assistant Professor & Mathematics			
Qualification	M.Sc., M.Phil., SET, P.hd.,			
Area of Specialization	Graph Theory and Fuzzy Graph Theory			
Date of Joining (KSR IET)	01.06.2015			
Experience (as on 01.06.2020)	Teaching: 9 years 9 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 16	
Number of Papers Presented	National Conferences : 04		International Conferences : 02	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: kumaramaths@gmail.com		Mobile: 9698277170	

### Publications (International Journals)

1. N. KUMARAVEL & M. RAMAKRISHNAN, “On Regular Strong Fuzzy Graphs”, CiiT International Journal of Fuzzy Systems, Issue: December 2011, ISSN: 0974 – 9608 (IF – 0.441).
2. K. RADHA & N. KUMARAVEL, “The Degree of an Edge in Cartesian Product and Composition of Two Fuzzy Graphs”, International Journal of Applied Mathematics & Statistical Sciences (IJAMSS), ISSN: 2319 – 3972, Vol. 2, Issue 2, May 2013, 65 – 78, © IASET (IF (JCC) – 2.6305).
3. N. KUMARAVEL & S. PRABHA, “Complement and  $\mu$ -Complement of a Regular Fuzzy Graph”, International Journal of Applied Mathematics & Statistical Sciences (IJAMSS), ISSN: 2319 – 3972, Vol. 2, Issue 4, Sep. 2013, 1 – 14, © IASET (IF (JCC) – 2.6305).
4. K. RADHA & N. KUMARAVEL, “The Degree of an Edge in Union and Join of Two Fuzzy Graphs”, International Journal of Fuzzy Mathematical Archive, ISSN: 2320 – 3242(P), 2320 – 3250 (Online), Vol. 4, No. 1, March 2014, 8 – 19 (IF (ISRA) – 1.137).
5. K. RADHA & N. KUMARAVEL, “The Degree of an Edge in Alpha Product, Beta Product and Gamma Product of Two Fuzzy Graphs”, IOSR Journal of Mathematics, ISSN: 2319- 765X (P), 2278-5728 (Online), Vol. 10, Issue 5 Ver. II, Sep-Oct. 2014, 1 – 19 (IF (AQCI) – 3.97).
6. K. RADHA & N. KUMARAVEL, “On Edge Regular Fuzzy Graphs”, International Journal of Mathematical Archive, ISSN: 2229 – 5046, Vol. 5, No. 9, Sep. – 2014, 100 – 112 (IF (SJIF 2012) – 4.908, IC Value – 5.09).
7. K. RADHA & N. KUMARAVEL, “Edge Regular Property of Tensor Product and Normal Product of Two Fuzzy Graphs”, International Journal of Fuzzy Mathematical Archive, ISSN: 2320 – 3242(P), 2320 – 3250 (Online), Vol. 7, No. 2, Jan. 2015, 135 – 145 (IF (ISRA) – 1.137).
8. K. RADHA & N. KUMARAVEL, “On Edge Regular Bipolar Fuzzy Graphs”, Annals of Pure and Applied Mathematics, ISSN: 2279 – 087X(P), 2279 – 0888 (Online), Vol. 10, No. 2, Oct. 2015, 129 – 139 (IF (ISRA) – 2.117).
9. K. RADHA & N. KUMARAVEL, “Edge Regular Property of Alpha Product, Beta Product and Gamma Product of Two Fuzzy Graphs”, IOSR Journal of Mathematics, ISSN: 2319- 765X (P), 2278-5728 (Online), Vol. 11, Issue 4 Ver. III, Jul.-Aug. 2015, 70 – 88 (IF (AQCI) – 3.97).
10. K. RADHA & N. KUMARAVEL, “Edge Regular Property of Complement and  $\square$ -Complement of a Fuzzy Graph and Edge adjacency Sequence in Fuzzy Graph”, International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on- line version), Volume 107, Number 3, 2016, url: <http://www.ijpam.eu>, doi: 10.12732/ijpam.v107i3.15, 673 – 682 (IF – 4.6).

11. K. RADHA & N. KUMARAVEL, “**Edge Regular Property of Cartesian Product and Composition of Two Fuzzy Graphs**”, International Journal of Mathematics and Soft Computing, ISSN: 2249 – 3328 (printed version); ISSN: 2319 – 5215 (on-line version), Vol.6, Number 2, 2016, 21 – 32 (IF: 5.120 (Cosmos)).
12. K. RADHA & N. KUMARAVEL, “**The Edge Degree and The Edge Regular Properties of Truncations of Fuzzy Graphs**”, Bulletin of Mathematics and Statistics Research (BOMSR), ISSN: 2348 – 0580, Volume 4, Issue 3, 2016, 7 – 16 (IF – 4.495 (SJIF)).
13. K. RADHA & N. KUMARAVEL, “**On Edge Regular Fuzzy Line Graphs**”, International Journal of Computational and Applied Mathematics (IJCAM), ISSN: 1819 – 4966, Volume 11, Number2, 2016, 105 – 118.
14. K. RADHA & N. KUMARAVEL, “**The Degree of an Edge in Subdivision, Middle and Total Fuzzy Graphs with their Edge Regular Properties**”, International Journal of Scientific Research (IJSR), ISSN: No 2277 – 8179, Volume 5, Issue 9, September 2016, 153 – 165 (IF – **3.508, IC Value – 69.48**).
15. K. RADHA & N. KUMARAVEL, “**On Edge Regular Square Fuzzy Graphs**”, International Journal of Applied Mathematical Sciences, ISSN: 0973 – 0176, Volume 9, Number 2, 2016, 169 – 176.
16. K. RADHA & N. KUMARAVEL, “**On Edge Regular Antipodal Fuzzy Graphs**”, International Journal of Mathematics And its Applications (IJMAA), ISSN: 2347 – 1557, Volume 4, Issue 2–D, 2016, 67–74 (IF – 0.564).

Name	Dr. S.Agiladevi			
Designation & Department	Professor & Chemistry			
Qualification	M.Sc., M.Phil., Ph.D., MISTE.			
Area of Specialization	Chemistry			
Date of Joining (KSR IET)	22.08.2015			
Experience (as on 01.06.2020)	Teaching:14 years 11 months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 02		International Journals 05	
Number of Papers Presented	National Conferences : 06		International Conferences : Nil	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: agilakarmega@gmail.com		Mobile:9994743365	

#### **Publications (International Journals) :**

**05**

1. S.Agiladevi., S.Rajendran., Corrosion Behaviour of 18carat gold in Ringer solutions in the presence of sodium chloride and glucose, *European Chemical Bulletin.*, 2020, 9(2), 69-74.
2. S.Agiladevi., Susai Rajendran., J. Jeyasundari., M.Pandiarajan., Corrosion resistance of metals in simulated ringer solution-A., *European Chemical Bulletin.*, 2013, 2(2), 84-87.
3. S.Agiladevi., S.Rajendran., Corrosion Behaviour of Metals in Ringer Solution-A. Studied by Electrochemical Impedance Spectroscopy., *Chem. Sci Rev Letters.*, 2014, 3(12), 791- 798.
4. S.Agiladevi., S.Rajendran., Electrochemical studies on the corrosion behaviour of metals and alloys in simulated Ringer's solution., *Rasayan Journal of Chemistry.*, 2019, 12 (1), 22 – 31.
5. S.Gowri., J.Sathiyabama., S. Rajendran., Z. Robert Kennedy., S. Agiladevi., *Chem.sci.trans.*, 2013, 2(1), 275-281.
6. S.Agiladevi ., S.Rajendran., Investigation of Sodium Triphosphate –  $Zn^{2+}$  system as corrosion inhibitor for stainless steel in sea water-EE15, 2012.
7. S.Agiladevi., S.Rajendran., Inhibition of corrosion of carbon steel by PVC  $Zn^{2+}$  system - EE8, 2013.


#### **Publications (National Conferences: 06**

1. Presented paper about on “Corrosion Control” at Sri Vasavi Arts and Science College, Erode on 13.09.2015.
2. A Two Days National level seminar on “Corrosion control ,,” at SRM Institute, Chennai on 13.09.2012 & 14.09.2012.
3. A Two Days National level seminar on “Corrosion control and surface Engineering” at National Institute of Technology, Trichy on 23.02.2013 & 24.02.2013.
4. Attended Two Days National Convention in Corrosion at PSGR Krishnammal Arts and Science College, Coimbatore on 25.09.2014 & 26.09.2014.
5. Attended One Day National Level Seminar on Environmental Pollution at Mahendra Engineering College, Tiruchengode on 15.02.2015.
6. Attended National Level Seminar on Nano Material Science and Technology at Mahacollege of Engineering, Salem on 12.09.2016.

#### **Membership in Professional Bodies**

- **Indian Society for Technical Education (ISTE) - Life Member**



Name	MOHAN. P			
Designation & Department	ASSISTANT PROFESSOR OF ENGLISH			
Qualification	M.A., M.PHIL,			
Area of Specialization	ENGLISH			
Date of Joining (KSR IET)	06.01.2015			
Experience (as on 01.06.2020)	Teaching:11.8	Industry:00	Others: 00	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 00		International Conferences : 02	
Books Published	National Publisher	00	International publisher	00
Contact Details	E Mail: litmohans@gmail.com		Mobile: 9965848971	

#### **Publications (International Journals)**

NIL

#### **Publications (National Journals)**

NIL

#### **Publications (International Conferences)**

1. **P. Mohan, “Search for Identity in D. H. Lawrence’s *The Plumed Serpent*”, International Research conference on Gender Conflicts as Evident in Contemporary English Literature, KG College of Arts and Science, Coimbatore, 13<sup>th</sup> February, 2017.**
2. **P. Mohan, “Battle of Life and Death in Ernest Hemingway’s *The Old Man and the Sea*”, International Seminar on Nautical Literature, Nanjil Catholic College of Arts and Science, Kaliakkavilai in collaborations with Dhofar University, Sultanate of Oman and Association for Cultural and Scientific Research, 3 & 4 August 2018.**

#### **Membership in Professional Bodies**

- **English Language Teachers’ Association of India (ELTAI) – Member (30009207)**

**Name** Dr. P. Meenakshi Devi

**Designation & Department** PROFESSOR & HEAD  
INFORMATION TECHNOLOGY

**Qualification** M.E., Ph.D.

**Area of Specialization** Image Watermarking

**Date of Joining (KSR IET)** 01-07-2011



**Experience** **Teaching: 29 Years**

**Number of Papers Published** **National Journals : 01** **International Journals : 15**

**Number of Papers Presented** **National Conferences : 05** **International Conferences : 07**

**Books Published** **5**

**Contact Details** **E Mail:** drpmeenakshidevi@gmail.com

**Mobile:** 9944456156

### **INTERNATIONAL JOURNAL**

1. Venkatesan, M., **Meenakshi Devi, P.**, Duraiswamy, K. and Thyagarajah, K. “**Cryptography-based secure authentication watermarking for binary images**”, CSI Communications, Vol. 31, Iss. 5, pp. 13-15, 2007.
2. Venkatesan, M., **Meenakshi Devi, P.**, Duraiswamy, K. and Thyagarajah, K. “**Secure authentication watermarking for binary images using pattern matching**”, International Journal of Computer Science and Network Security, Vol. 8, No. 2, pp. 241-250, 2008.
3. **Meenakshi Devi, P.** Venkatesan, M. and Duraiswamy, K. “**Reversible image authentication with tamper localization based on integer wavelet transform**”, International Journal on Computer Science and Information Security, Vol. 6, No. 2, pp.67-74, 2009.
4. **Meenakshi Devi, P.**, Venkatesan, M. and Duraiswamy, K. “**Authentication watermarking using integer wavelet transform**”, CiiT International Journal of Digital Signal Processing, Vol. 1, No. 4, pp. 12-18, 2009.
5. A.V.Santhosh Babu, **Dr.P.Meenakshi Devi**, K.Sudhakar, “**Performance Enhancements for Preemptive Ad-Hoc On-demand Multipath Distance Vector Routing**”, International Journal of Latest Research in Engineering and Computing, Vol. 1, Iss. 1 : pp. 21-25, September-October 2013.
6. A.V.Santhosh Babu, **Dr.P.Meenakshi Devi**, “**Energy aware Intrusion Detection System for MANETs**”, International Journal of Applied Engineering Research(IJAER) volume 10, pp 22300-22304 ,Number 29 (2015).

7. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**An Analysis of Energy Efficiency of Leach Protocol in Wireless Sensor Network**”, International Journal of Inventions in Computer Science and Engineering, Volume 3, Issue 2, Feb 2016.
8. **M.Dhurgadevi**, Dr.P.Meenakshi Devi (2016), “**Analysis of Energy Efficiency of Leach Protocol in Wireless Sensor Network**”, in International Journal Of Inventions in Computer Science and Engineering ,Vol.3,no.2, pp.2348 – 2343.
9. M.Dhurgadevi, **Dr.P.Meenakshi Devi** (2016), “**A Survey of hierarchical routing Protocols in Wireless sensor networks**”, in International Journal of Modern Computer Science and Applications , Vol.4, no. 4, pp.2321-2632.
10. M.Dhurgadevi ,**Dr.P.Meenakshi Devi**, “**Enhancing The Energy Efficiency Of Leach Protocol In WSN**”, in International Journal For Scientific Research & Development Vol. 3, No. 2, 2015,ISBN 23210613.
11. Suriya L, M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Survey on Secure Distributed Deduplication Systems with Cloud Storage**”, in International Journal of Trend in Research and Development Volume 3,pp.592-595 ISSN: 2394-9333 April 2016.
12. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**RDCG-Randomized distributed cluster grid topology for wireless power transfer technology in wireless sensor network**”, in Asian Journal of social science and humanities Vol. 6, No. 8, August 2016, pp. 303-317. ISSN 2249-7315.
13. M.Dhurgadevi, **Dr.P.Meenakshi Devi** (2016), “**PSO based Algorithm for Wireless Rechargeable Sensor Networks**”, in International Journal of Computer Applications, Vol.156, no. 4, pp.0975 – 8887.
14. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**TTRP-Three Level Threshold & Round Robin with Priority Scheduling for Wireless Rechargeable Network**” in Transactions on Engineering and Sciences, Volume 5, Issue 1, Jan-March 2017.
15. M.Dhurgadevi, M & **Meenakshi Devi P**, “**An Analysis of Energy Efficiency Improvement through Wireless Energy Transfer in Wireless Sensor Network**”, in Wireless personal communication Springer, Feb 2018.

#### **NATIONAL JOURNAL**

1. **Meenakshi Devi, P.**, Venkatesan, M. and Duraiswamy, K. “**A fragile watermarking scheme for image authentication with tamper localization using integer wavelet transform**”, Journal of Computer Science, Vol. 5, Iss. 11, pp. 832-837, 2009.

#### **INTERNATIONAL CONFERENCE**

1. **Dr.P.Meenakshi Devi**, “**A Secure Data Hiding Scheme with Quality Control for Binary Images**”, International Conference on Advanced communications Systems Government College of Technology, Coimbatore 10.01.2007 to 12.01.2007.
2. **Dr.P.Meenakshi Devi** , ”**A new data hiding scheme with quality control for binary images**” IEEE International Symposium on Information Assurance and Security Manchester, UK 14.03.2007.
3. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**An Opportunistic Routing protocol for improving energy efficiency in wireless sensor network**” in International conference on innovative computing and information processing ICICIP-2012, Mahendra Engineering College on 29th and 30th March 2012.

4. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Enhancing the Energy efficiency of LEACH protocol in wireless sensor network**” presented in International conference in Synergistic Evolutions in Engineering (ICSEE), Surya Engineering College on 04th and 05th March 2015.
5. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**An Analysis of Energy efficiency improvement through wireless energy transfer in wireless sensor network**” presented in ICEECE2016 in Vivekananadha college of engineering for women on 22<sup>nd</sup> and 23<sup>rd</sup> March 2016.
6. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Particle Swarm Optimization based Heuristics for Scheduling Travel Path of Charging Vehicle in Wireless Sensor Networks**”, has been presented in International Conference on Microelectronics, Communication and Computation, ISRD2016 Hosted at san diego USA
7. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Harmony Search algorithm for finding the travel path of wireless recharging vehicle in wireless sensor networks**”, presented in International Conference (ICRTET’17), KSR Institute for Engineering and Technology on March 17<sup>th</sup> 2017.

#### **NATIONAL CONFERENCE**

1. **Dr.P.Meenakshi Devi** “**A New Secure Data Hiding Scheme for Binary Images using Block Data Hiding Method**” National conference on Recent Trends in Advanced Computing SNS College of Technology, Coimbatore on 06.10.2006.
2. **Dr.P.Meenakshi Devi**, “**A Secure Data hiding Scheme with Quality Control for Binary Images**”, National conference on Current Trends in Soft Computing (NCCTSC’07) Sri Ramakrishna Engineering College, Coimbatore on 19.01.2007 & 20.01.2007.
3. **Dr.P.Meenakshi Devi**, “**Improved SHA-192 Algorithm for Message Integrity Analysis**”, National Conference on Information and Communication Technology-NCICT’10 K.S.Rangasamy College of Technology, Tiruchengode on 14.07.2010.
4. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Energy Efficient Data Management Technique in Wireless Sensor Networks**”, National conference on Intelligent Computing (FNCIC 2016) KSR college of Arts and Science on 17<sup>th</sup> September 2016.
5. M.Dhurgadevi, **Dr.P.Meenakshi Devi**, “**Implementation of energy efficient routing protocol in wireless sensor network**”, National conference on “NEXTGEN TECHNOLOGIES” Sengunthar Engineering College on 18<sup>th</sup> March 2017.

#### **WORKSHOPS & SEMINAR ORGANIZED**

1. National Symposium on “**National Symposium on Springfest**”, on 5-7<sup>th</sup> March 2012.
2. National conference on “**Recent trends in Engineering and Technology**” on 023<sup>th</sup> March 2013.
3. National Symposium on “**National Level Technical Symposium on Springfest**”, on 9<sup>th</sup> September 2013.
4. One day workshop on “**Big Data and Hadoop** “, on 13<sup>th</sup> September, 2013.
5. One day workshop on “**Software Testing tools and Techniques**”, on 06<sup>th</sup> February.
6. One day workshop on “**Embedded systems**”, on 12<sup>th</sup> February, 2014.
7. National Seminar on “**Mobile application developments pattern through android**” on 25<sup>th</sup> July and 26<sup>th</sup> February, 2014.
8. National conference on “**Recent trends in Engineering and Technology**”, on 06<sup>th</sup> March 2014.

9. Organized one week **“ISTE–SRM Sponsored STTP on Big Data Analytics and its Applications”** from 05.05.2014-10.05.2014.
10. National Seminar on **“Human computer interaction and Project in cloud computing”**, on 7th August, 2014.
11. National Symposium on **“National Level Technical Symposium on Springfest”**, on 12<sup>th</sup> September 2014.
12. Faculty development program on **“Wireless protocol design using NS2”** on 22<sup>th</sup> September 2014.
13. National Workshop on **“Web designing and application”**, on 31<sup>nd</sup> January, 2015.
14. National conference on **“Recent trends in Engineering and Technology”**, on 07<sup>th</sup> March 2015.
15. National Seminar on **“Big data Analyzing and visualization”**, on 29<sup>th</sup> August 2015.
16. National Symposium on **“National Level Technical Symposium on Springfest”**, on 21<sup>st</sup>-22<sup>nd</sup> August 2015.
17. Faculty development program on **“Mobile Application Development”** on 16<sup>th</sup> September 2015.
18. National Workshop on **“Mobile Application Development”**, on 19<sup>th</sup> December 2015.
19. National conference on **“Recent trends in Engineering and Technology”**, on 24<sup>th</sup> March 2016.

#### **PROGRAMS ORGANIZED AS WOMEN CELL COORDINATOR**

1. Conducted training for SHG women on **“Building skills of SHG women in establishing information Kiosk”** In association with **Centre for Empowerment of women, Anna University and Tamil Nadu Corporation for Development of women Ltd.**, from 14<sup>th</sup> to 26<sup>th</sup> Nov 2005.
2. Organized seminar for women students & faculty on **“Healthy nutrition for women”** on 27<sup>th</sup> Oct. 2006 by Dr.Kowsalya.,Reader,Department of food and Nutrition,Avinashilingam deemed university
3. Organized lecture for women students & faculty on **“Gynecological Problems for Women”** on 4<sup>th</sup> Oct. 2007 by Dr.Sumathi Padmanaban., Nishanathan Hospital, Erode.
4. Organized lecture for women students & faculty on **“Work-Life Balance”** on 24<sup>th</sup> Jan. 2008 by Mrs.Rita Bhattacharja., students Counsellor, KSRCAS.
5. Organized seminar for women students & faculty on **“Women Empowerment – Yesterday, Today and Tomorrow”** on 1<sup>st</sup> Feb. 2008.
6. Organized one day seminar on **“Life skills for women to achieve globally”** on 4<sup>th</sup> October 2008 by Ms.Vidhya D.Kulkarni.,I.P.S, Superintendent of police, Namakkal.
7. Organized **Fundraising programme** –collection of funds and donate it to a faith home orphanage, Chennai done by Ms.Jayashree Balasubramaniam.
8. Conducted various competitions for women students on women’s days 2013.  
**Advocate Mrs.Barbara Lydia** acted as chief guest and given speech on Positive attitude.  
**Mrs.Kavitha Lakshmanan,Psychological counselor** given speech on **“How to handle stress?”**
9. Organized one day lecture by Dr.Latha Senthilkumar on **“Gynecological disorder for Adolescence”** organized by women club on 19.2.2013.
10. Organized one day lecture by Dr.G.Suguna on **“Gynecological disorder for Adolescence”** organized by women club on 19.2.2013.
11. Organized one day **“Yoga program”** for II and III year Girls student by Manavalakalai mandram on 19.9.2013.

12. Organized **Fundraising programme** –Show Hope -A movement to care for orphans’ collection of funds and donate it to a faith home orphanage, Paramarikum Karangal, Vittampalayam.
13. Organized one Day workshop on **“BAKING CAKES, BISUITS & MAKING CHOCOLATES”** program organized by department of IT for faculty on 23.04.2015.
14. Organized one Day workshop on **“Basic Embroidery program”** organized by department of IT for first year students on 10.08.2016.
15. Conducted Essay, Speech and drawing competitions for all girls’ students on account of Independence Day celebration.
16. Organized one savings program through the co-optex in the name of **“Co-optex Kanavu Nanavu Thittam”** to all faculty members.
17. Conducted various competitions for all girls on women’s day celebration 2016, Mrs.Nalini Sampathkumar, acted as a chief guest and given a speech on Motivation Topic.
18. Conducted one day seminar by the lawyer **Ms.Barbara Lydia** on the topic **“Self-Protection”** on 24.08.2016.

#### **Ph.D Students Guided**

1. Ph.D. Scholars: 03
2. Ph.D guided: 01

#### **INVITED TALKS**

1. Titled **“A Water Marking Technique”** in a workshop, **“Recent Trends in Information Security”** on 31.01.2009 at **K.S.Rangasamy College of Technology**, Tiruchengode.
2. Titled **“Steganography - An Overview”** in an AICTE – ISTE funded Short Term Training Programme, **“E- Security”** on 17.02.2009 at **S.S.M. Institute of Textile Technology and Polytechnic College**, Komarapalayam.
3. Titled **“Applications of Wireless Sensor Networks”** in a AICTE Sponsored Faculty Development Programme, **“Recent Technology in Optical WDM Networks, Burst Switching Networks and Sensor Networks: A Scalable Approach”** on 10.07.2013 at **Excel College of Technology**, Komarapalayam.
4. Titled **“Emerging Trends in Computer Vision & Graphics”** in One day Seminar on 26.08.2014 at **Mahendra Engineering College**, Mallasamudram.
5. Titled **“Womens’ perspective in Social Networking”** in a workshop on 07.09.2016 at **K.S.R. College of Arts and Science for Women**, Tiruchengode.



### **BOOKS PUBLISHED**

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Computer Architecture	Dr.P.Meenakshi Devi	AR Publications, Chennai	2015
2.	Distributed Systems	Dr.P.Meenakshi Devi M.Dhurga Devi	ARS Publications, Chennai	2016
3.	Programming and Data Structures – II	Dr.P.Meenakshi Devi	ARS Publications, Chennai	2016
4.	Ad hoc Sensor Networks	Dr.P.Meenakshi Devi M.Dhurgadevi K.G.Lavanya	AR Publications, Chennai	2016
5.	Distributed Systems	Dr.P.Meenakshi Devi M.Dhurga Devi	Magnus Publishers, Chennai	2017

### **PROPOSALS SUBMITTED TO FUNDING AGENCY**

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
1.	CS2203- Object Oriented Programming	Anna University, Chennai	As per AUC norms	FDP	2011 – 2012
2.	Research Application of WSN and Hands on Training on Simulators	AICTE	4,15,000	FDP	2012 – 2013
3.	Data Structures and Object Oriented Programming Lab	AICTE	3,60,000	MODROBS	
4.	Multicast Routing Protocol in Mobile Ad-Hoc Networks Using Soft Computing Techniques and its Applications to Engineering	CSIR	92,000	Seminar	2013 – 2014
5.	IT-2401-Service Oriented Architecture	Anna University, Chennai	As per AUC norms	FDP	
6.	Wireless Sensor Network and Green Telecom	ISTE - SRM	95,000	STTP	

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
7.	Big Data Analytics and Applications (sanctioned)	ISTE - SRM	1,00,000	STTP	
8.	Research Issues and Free Open source simulation tools for Wireless Sensor Networks	AICTE	4,48,100	FDP	
9.	Big Data Analytics in Business Intelligence	CSIR	62,000	Seminar	2014 – 2015
10.	Improving Women for their better health care	AICTE	20,000	Seminar Grant	
11.	WSN for Pervasive Medical Care	ICMR	50,000	Workshop	2015 – 2016
12.	FDP on Mobile Computing	Anna University Chennai	As per AUC norms	FDP	
13.	Challenges And Issues In 6lowpan And Zigbee Network For Environmental Monitoring And Forecasting	DST	50,000	Seminar	
14.	Big Data Security and Privacy Challenges	DRDO	50,000	Workshop	

### **SPONSORED PROGRAMS ORGANIZED**

S. No.	Title of the Program	Name of the Funding Agency	Amount Sanctioned (Rs.)
1	Big Data Analytics	ISTE – SRM	Rs 1,00,000
2	An Analysis of Energy Efficiency Improvement through Wireless Energy Transfer in Wireless Sensor Network	ICMR	Rs 50,000

### **NPTEL COURSES COMPLETED**

1. Introduction to modern application Development
2. Programming in C++



## **SUBJECT LINKS**

### **Computer Architecture**

- Processor and Control Unit - <http://bit.ly/2sLxC9Q>
- Booths Multiplication - <http://bit.ly/2Dv79Dj>
- Computer Organization and Design - <http://bit.ly/2FTM07>
- Arithmetic for Computers - <http://bit.ly/2S4CB3w>
- Memory Systems - <http://bit.ly/2FWLVA7>

### **Total Quality Management**

- TQM Tools and Techniques I - <http://bit.ly/2B0hQMB>
- Total Quality Management - <http://bit.ly/2UeU1YJ>
- TQM Tools and Techniques II - <http://bit.ly/2B3unyV>
- Quality Systems - <http://bit.ly/2MvroDK>
- TQM Principles - <http://bit.ly/2Tf4oMc>

### **Graphics and Multimedia**

- Output Primitives - <http://bit.ly/2FTUbRn>
- Multimedia System Handling - <http://bit.ly/2FPfUuH>
- Multimedia File Handling - <http://bit.ly/2FPgqZF>
- Hypermedia - <http://bit.ly/2sImbPU>
- Color Models - <http://bit.ly/2MtgIyX>
- Three Dimensional Concepts - <http://bit.ly/2RPj9Zd>

**Name** SELVAM L

**Designation & Department** PROFESSOR & HEAD  
INFORMATION TECHNOLOGY

**Qualification** B.E.(CSE),M.E(CSE),Ph.D.,

**Area of Specialization** CLOUD COMPUTING SECURITY

**Date of Joining (KSR IET)** 20.08.2021

**Experience** **Teaching:21**



**Number of Papers Published** **International Journals : 6**

**Number of Papers Presented** **National Conferences :00** **International Conferences : 02**

**Contact Details** **E Mail: umaselvam\_35@yahoo.com** **Mobile: 9787040760**

### **Publications (International Journal)**

1. V. EzhilSwanly, **L. Selvam**, P. Mohan Kumar, J. ArokiaRenjith, M. Arunachalam, and K. L. Shunmuganathan, "Smart Spotting of Pulmonary TB Cavities Using CT Images," Computational and Mathematical Methods in Medicine, vol. 2013, Article ID 864854, 12 pages, 2013. doi:10.1155/2013/864854. – Annexure – I.
2. **L. Selvam**, P. Mohan Kumar & J. Arokia Renjith, "Encryption-Based Secure Sharing of Data with Fine-Grained Access Control in Public Clouds", Journal of Applied Security Research, Vol.9, Issue:2, pp:172-184, Apr 2014. – Annexure - II
3. Annie Daisy, J. Arokia Renjith, P. Mohan Kumar & **L. Selvam**, "Achieving Secrecy in Visual Secret Sharing Scheme Using Encrypted Images", Journal of Applied Security Research, Vol.9, Issue:2, pp:121-132, Apr 2014. – Annexure – II
4. **L.Selvam**, J. ArokiaRenjith," Implementation of Round Key AES with Honey Technique for Securing the Public Cloud Data Storage" International Journal of Engineering & Technology(UAE),vol.7 No3.1 (2018) pp:128-132 Annexure-II.

5. **L.Selvam**, J. ArokiaRenjith, “On developing dynamic and efficient cryptosystem for safeguarding healthcare data in public clouds” Journal of Ambient Intelligence and Humanized Computing, Vol.12, No.3, pp.3353- 3361, Springer, Annexure-I
6. **L.Selvam**, J. ArokiaRenjith, “An Efficient and Dynamic Encryption Model for Safeguarding Medical Cloud Storage Data” International Journal of Advanced Science and Technology Vol. 29, No. 12s, (2020), pp. 358-365

### **Publications (International Conferences)**

1. **L.Selvam**, J. ArokiaRenjith, “Secure Data Sharing of Personal Health Records in Cloud Using Fine-Grained and Enhanced Attribute-Based Encryption”, Proceeding of 2018 IEEE International Conference on Current Trends toward Converging Technologies, Coimbatore, India (ICCTCT '15), 2018.
2. P.Mohan kumar, **L.Selvam**, J. ArokiaRenjith, “Adaptable Criteria Progress Quality Management Indicators for Global Software Requirements Prioritization”, Proceeding of 3<sup>rd</sup> International Conference on Engineering Facilities Maintenance and Management Technologies, Botswana, India (ICCTCT '15), 2021.

### **Membership in Professional Bodies**

1. Indian Society for Technical Education (ISTE)
2. All India Council For Technical Skill Development

### **Subject link**

#### **PROBLEM SOLVING AND PYTHON PROGRAMMING**

Algorithmic Problem Solving	: <a href="http://bit.do/eGyvA">http://bit.do/eGyvA</a>
Data, Expressions, Statements	: <a href="http://bit.do/eGyvM">http://bit.do/eGyvM</a>
Control Flow, Functions	: <a href="http://bit.do/eGyvT">http://bit.do/eGyvT</a>
Lists, Tuples, Dictionaries	: <a href="http://bit.do/eGyv6">http://bit.do/eGyv6</a>
Files, Modules And Packages	: <a href="http://bit.do/eGywb">http://bit.do/eGywb</a>

## **PROFESSIONAL ETHICS IN ENGINEERING**

### **HUMAN VALUES**

[https://drive.google.com/file/d/1yKoJjbAFeuVOWnwb1J6ht2JZWnky2\\_1F/view?usp=sharing](https://drive.google.com/file/d/1yKoJjbAFeuVOWnwb1J6ht2JZWnky2_1F/view?usp=sharing)

### **ENGINEERING ETHICS**

<https://drive.google.com/file/d/176Qp14x0i0ixZxjIVEXXUeKaXfLUcBs6/view?usp=sharing>

### **ENGINEERING AS SOCIAL EXPERIMENTATION**

<https://drive.google.com/file/d/1n0E1hsYk8FdNKwz0iSzBcLWBy1XGplUA/view?usp=sharing>

### **SAFETY, RESPONSIBILITIES AND RIGHTS**

<https://drive.google.com/file/d/1fajpBpRHEslq66VDJMWAEzgJWNingKk6/view?usp=sharing>

### **GLOBAL ISSUES**

[https://drive.google.com/file/d/1CHlgm34VuQN-y0\\_XcNhN5I-muYXdjmlc/view?usp=sharing](https://drive.google.com/file/d/1CHlgm34VuQN-y0_XcNhN5I-muYXdjmlc/view?usp=sharing)

**Name** Dr. S.Russia

**Designation & Department** Professor  
Information Technology

**Qualification** B.E. (CSE), M.Tech.(CSE), Ph.D.,(CSE)

**Area of Specialization** Mobile Ad-hoc Networks

**Date of Joining (KSR IET)** 04-06-2012



**Experience** **Teaching: 21 Years**

**Number of Papers Published** **National Journals : 00** **International Journals : 07**

**Number of Papers Presented** **National Conferences : 12** **International Conferences : 04**

**Contact Details** **E Mail:** srussia@ksriet.ac.in

**Mobile:** 9943005802

### INTERNATIONAL JOURNAL

1. **S.Russia “Energy Constrained Resource Scheduling for Cloud Environment”** International Journal of Engineering Development and Research (IJEDR) Vol.3 Issue 2 417-421 May 2015.
2. **S.Russia “Energy Efficient Routing Protocol for Energy Consumption in MANET using EEDSR”** International Journal for Scientific Research & Development (IJSRD) Vol.10 Issue 2 1856-1860 May 2015
3. **S.Russia, Dr.R.Anita, K.Murugan “Improving the Accuracy of Intrusion Detection Systems in Mobile Adhoc Network Using Fuzzy logic Method”** International Journal of Applied Engineering Research(IJAER) Vol.10 Issue 7 17933-17950, 2015.
4. **S.Russia, Dr.R.Anita, K.Murugan “Trust based Multipath Authentication Protocol for MANET”** International Conference on "Alternate Energy Technologies" International Journal of Applied Engineering Research (IJAER) Vol.10, 2015.
5. **S. Russia, Dr.R.Anita “Joint cost and secured node disjoint energy efficient multipath routing in mobile ad hoc network”,** has published in International Journal of Springer Science Business Media New York 2016 in Wireless Networks.
6. **S. Russia, Dr.R.Anita “Fuzzy Logic based Reliable Multicast Routing Protocol (FLRMRP) for Mobile Ad Hoc Networks”,** has published in Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 1, January 2017, pp. 852-870. ISSN 2249-7315
7. **S. Russia, “Classification Algorithms Based Mental Health Prediction Using Data Mining”,** has published in Internal Journal of Advance Research in Science in Science and Engineering Vol. No. 10, Issue No.04, April 2021.

## INTERNATIONAL CONFERENCE

1. **S. Russia** , “**A General Survey of Multicast Routing Protocols for MANETs**” has published in International Conference on Advanced Computer organized by J.K.K. Nattraja College of Engineering and Technology on 29.07.2011 & 30.07.2011.
2. **S. Russia**, Dr.R.Anita, K.Murugan , “**Trust based Multipath Authentication Protocol for MANET**” has published in International Conference on Alternate Energy Technologies 2015 (ICAET 2015) organized by Government College of Technology (GCT), Coimbatore on 26.11.2015.
3. **S. Russia** , “**Trust based Multipath Authentication Protocol for MANET**” has published in International Conference on Alternate Energy Technologies 2015 (ICAET 2015) organized by Government College of Technology (GCT), Coimbatore on 26.11.2015.
4. **S. Russia**, “**Online Vehicle Parking Management System**”, has published in Internal Conference on Challenges and Opportunities for Innovation in New Normal Scenario” organized by KSR Institute for Engineering and Technology, Tiruchengode, Namakkal Dt., on 03.04.2021

## NATIONAL CONFERENCE

1. **S.Russia**,” **Mobieyes: Tracking mobile users in wireless communication networks**” has published in One day Conference on Recent Trends in Science, Engineering and Technology organized by Erode Sengunthar Engg. College, Erode on 06.11.2007
2. **S.Russia**,” **Identification of the Mobile Location**” has published in National Conference organized by Karpagam College of Engineering on 05.04.2008
3. **S.Russia**,” **Intrusion Detection Systems Using Decision Trees**” has published in National Conference on Advanced Computing and Image Processing organized by IFET, Villupuram on 26.06.2008
4. **S.Russia**, P.Venkateshwari,”**Human Facial Expression Recognition using MANFIS**” has published in One Day Conference on Recent Trends in Science, Engineering and Technology organized by Erode Sengunthar Engg. College, Erode on 14.05.2009.
5. **S.Russia**, P.Venkateshwari, ”**Security Analysis of an Enhanced authentication key exchange protocol**” has published in One Day Conference on Recent Trends in Science, Engineering and Technology organized by Erode Sengunthar Engg. College, Erode on 14.05.2009.
6. **S.Russia**,” **Datagram Based Active Internet Traffic Filter for Bandwidth Flooding Attacks**” has published in National Conference on Computing and Communication Technologies organized by Suriya Engg. College on 20.03.2010 .
7. **S.Russia**, M.Mohanasundari,” **A Review of the Energy Routing Protocols for Mobile Ad hoc Networks**” has published in National Conference on Advanced Computing organized by Kalasalingam University 09.03.2011 .
8. P.Selvi, **S.Russia**,” **Deduplication for Cloud Backup Service of Personal Storage**” has published in Computing and Information Systems organized by Kongu Engineering College Perundurai on 06.02.15 & 07.02.15
9. M. Mohamed Sharifdeen, **S.Russia**, ”**Energy-Efficient Source Deduplication for Cloud Backup Service of Personal Storage**” has published in Emerging Trends in Electrical Science organized by Institute of Road And Transport Technology, Erode on 27.02.2015.
10. M. Mohamed Sharifdeen, **S.Russia**,” **An Energy Efficient Routing Protocol for Energy Consumption in MANET**” has published in Emerging Trends in Electrical Science organized by Institute of Road And Transport Technology, Erode on 27.02.2015.

11. P.Selvi, **S.Russia,” Deduplication for Cloud Backup Service of Personal Storage”** has published in Emerging Trends in Electrical Science organized by Institute of Road And Transport Technology, Erode on 27.02.2015.
12. **S.Russia, “Scalable Content-Aware Collaborative Filtering For Location Recommendation”** has published in Challenges and Opportunities in INdustry 4.0" - COIN-2020 by KSR Institute for Engineering and Technology, Tiruchengode. Namakkal Dt.

### **WORKSHOPS & SEMINAR ORGANIZED**

1. National Symposium on **“National Symposium on Springfest”**, on 5-7<sup>th</sup> March 2012.
2. National conference on **“Recent trends in Engineering and Technology”** on 023<sup>th</sup> March 2013.
3. National Symposium on **“National Level Technical Symposium on Springfest”**, on 9<sup>th</sup> September 2013.
4. National conference on **“Recent trends in Engineering and Technology”**, on 06<sup>th</sup> March 2014.
5. National Seminar on **“Human computer interaction and Project in cloud computing”**, on 7<sup>th</sup> August, 2014.
6. National Symposium on **“National Level Technical Symposium on Springfest”**, on 12<sup>th</sup> September 2014.
7. Faculty development program on **“Wireless protocol design using NS2”** on 22<sup>th</sup> September 2014.
8. National Workshop on **“Mobile Application Development”**, on 19<sup>th</sup> December 2015.
9. National conference on **“Recent trends in Engineering and Technology”**, on 24<sup>th</sup> March 2016.
10. Organized the AICTE-ISTE Sponsored Online Six Days Induction/Refresher Program on **“Collaboration of AI with AR and VR”** 14.02.2022 to 19.02.2022

### **PROPOSALS SUBMITTED TO FUNDING AGENCY**

S. No.	Title of the Program	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
1.	Big Data Analytics and Applications (sanctioned)	ISTE - SRM	1,00,000	STTP	2013 – 2014
2.	Challenges And Issues In 6lowpan and Zigbee Network For Environmental Monitoring And Forecasting	DST	50,000	Seminar	2015 – 2016
3.	Upgradation of Cloud Computing Lab with VM VirtualBox	AICTE	20,00,000	MODROBS	2019 – 2020
4.	Augmented Reality (AR) / Virtual Reality (VR)	AICTE- ATAL	93,000	ATAL	2019 – 2020
5.	Device Development Programme - Developing an IoT based Farm Monitoring and Management Module for Farmers	AICTE	25,880,00	11.11.2020	2019 – 2020
6.	“Collaboration of AI with AR and VR”	AICTE-ISTE	93,000	Induction / Refresher Programme	2020-2021

### **SPONSORED PROGRAMS ORGANIZED**

<b>S. No.</b>	<b>Title of the Program</b>	<b>Name of the Funding Agency</b>	<b>Amount (Rs.)</b>	<b>Date(s)</b>
1	Component Based Technology	Anna University	50,000	03.12.2007 To 15.12.2007
2	Open Source Software	Centre for Faculty Development	50,000	06.12.2010 to 11.12.2010
3	“Big Data Analytics And its Applications”	ISTE-SRM	1,00,000	05.05.2014 to 10.05.2014
4	“Collaboration of AI with AR and VR”	AICTE-ISTE	93,000	14.02.2022 to 19.02.2022

### **NPTEL COURSES COMPLETED**

1. Introduction to Modern Application Development
2. Wireless Adhoc and Sensor Networks

### **AWARDS RECEIVED**

1. Best Supervisor Award for guiding project on Classification Algorithms Based Mental Health Prediction Using Data Mining.

### **SUBJECT LINKS**

- 1.1.Introduction to 8086 microprocessor  
<http://bit.do/eGDhj>
- 1.2.Addressing Modes, Introduction sets  
<http://bit.do/eGDhF>
- 1.3. Architecture of 8051 Micro Controller  
<http://bit.do/eGDhR>
- 1.4.Stepper Motor Interface  
<http://bit.do/eGDh6>
- 2.1 Introduction to Data Warehousing  
<http://bit.do/eGDh9>
- 2.2 Data Mining Functionalities  
<http://bit.do/eGDig>
- 1.3 WEKA Tool  
<http://bit.do/eGDiy>



<b>Name</b>	R KAVITHA			
<b>Designation &amp; Department</b>	Assistant Professor & Mathematics			
<b>Qualification</b>	M.Sc.,M.Phil.,B.Ed.,			
<b>Area of Specialization</b>	Differential Equations			
<b>Date of Joining (KSR IET)</b>	01.09.2017			
<b>Experience (as on 01.06.2020)</b>	<b>Teaching:</b> 11 years 9 Months	<b>Industry:</b> 00	<b>Others:</b> 00	
<b>Number of Papers Published</b>	<b>National Journals : 00 International Journals : 00</b>			
<b>Number of Papers Presented</b>	<b>National Conferences : 00 International Conferences : 00</b>			
<b>Books Published</b>	<b>National Publisher : 00 International publisher : 00</b>			
<b>Contact Details</b>	<b>E Mail:</b> rkavitha.nikesh@gmail.com <b>Mobile:</b> 9750039323			

**Publications (International Journals) -Nil-**

**Publications (National Journals) -Nil-**

**Books /Instruction materials/monograms published -Nil-**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.				

**Name** Dr. N.B. Mahesh Kumar  
**Department** INFORMATION TECHNOLOGY  
**Qualification** B.Tech. (IT), M.E.(CSE), Ph.D.,(CSE)  
**Area of Specialization** Image Processing  
**Date of Joining (KSR IET)** 15.07.2020



**Experience** **Teaching: 14 Years 5 Months**

**Number of Papers Published** **International Journals: 10**

**Number of Papers Presented** **National Conferences: 09** **International Conferences: 08**

**Contact Details** **E Mail:**  
[mknbmaheshkumar@gmail.com](mailto:mknbmaheshkumar@gmail.com)

**Mobile: 9843177264**

### **INTERNATIONAL JOURNALS**

1. N.B.Mahesh Kumar, K.Premalatha, "A Survey of Image Enhancement Techniques for Vein Pattern Biometrics", International Journal of Computer Information Systems, Vol.2, No.4, pp. 12-17, April 2011.
2. N.B.Mahesh Kumar, K.Premalatha, "Finger Knuckle-print identification based on local and global Feature Extraction using SDOST", American Journal of Applied Sciences", Vol.11, No.6, pp. 929-938, April 2014.
3. N.B.Mahesh Kumar, "PamIprint Biometric System for Personal Authentication", International Journal of Computer Applications, pp. 14-17, November 2014.
4. N. B.Mahesh Kumar, K. Premalatha, "Palmprint Authentication System Based on Local and Global Feature Fusion Using DOST", Journal of Applied Mathematics, Hindawi Publishing Corporation, Volume 2014, December 2014, Article ID 918376, pp.1-11.
5. N.B.Mahesh Kumar, "A Survey on Palm Print Identification", International Journal of Modern Trends in Engineering and Science", Vol. 01, No. 12, pp. 7-11, 2015.
6. N. B.Mahesh Kumar, K. Premalatha, Personal Authentication Using FDOST in Finger Knuckle-Print Biometrics, World Academy of Science, Engineering and Technology, International Journal of Computer, Control, Quantum and Information Engineering, vol. 9, no.1, pp. 323-328, 2015.
7. N.B.Mahesh Kumar, "A Fast and Accurate Palmprint Identification System based on Consistency Orientation Pattern", International Journal for Trends in Engineering and Technology, Vol. 3, No.1, pp. 32-28, January 2015.

8. N.B.Mahesh Kumar, "Encrypted Bigdata Using AES Deduplication in Cloud Storage", International Journal of Engineering and Computer Science, Vol.6, no. 7, July 2017.
9. N.B.Mahesh Kumar, "Conversion of Sign Language into Text", International Journal of Applied Engineering Research, Vol.13, no. 9, pp. 7154-7161, May 2018.
10. N.B.Mahesh Kumar, "Fashion Data processing system using Machine Learning", International Journal of Advance Research in Science and Engineering, Volume No.10, Issue No. 04, pp.62-68 April 2021.

## **INTERNATIONAL CONFERENCES**

1. N.B.Mahesh Kumar, "Fashion Data processing system using Machine Learning", International Conference on Challenges and Opportunities for Innovation in New Normal Scenario, KSR Institute for Engineering and Technology.
2. Saravana Kumar Muthusamy, N B Mahesh Kumar, E Kaviya, "Fog Computing Based Radio Access Network (F-Ran) in 5G Wireless Communications", IEEE Sponsored International Conference on Innovations in Information, Embedded and Communication Systems (Iciiecs'16), Karpagam College of Engineering, Coimbatore, pp.1162-1167, March2016.
3. N.B. Mahesh Kumar, "Consistency Orientation Pattern for Fast and Accurate Palmprint Identification System", Proceedings of the International Conference on Innovations in Information Embedded and Communication Systems, held at Karpagam College of Engineering, Coimbatore on March 2015(DRDO sponsored).
4. N.B. Mahesh Kumar, "A Fast and Accurate Palmprint Identification System based on Consistency Orientation Pattern", Proceedings of the International Conference on Innovations in Communications and Computer Engineering held at CIT, Coimbatore on February 2015.
5. N.B. Mahesh Kumar, "Palmprint Biometric System for personal Authentication", Proceedings of the International Conference on Innovations in Information Embedded and Communication Systems, pp.72-75, held at Karpagam College of Engineering, Coimbatore on March 2014.
6. N.B. Mahesh Kumar, "A Novel Palmprint Identification using Discrete Stockwell Transform", International Conference on Advanced Computing, Machines and Embedded Technology, pp. 321-328, held at JKK Nattaraja College of Engineering and Technology, Namakkal on March 2013.
7. N.B. Mahesh Kumar and K.Premalatha, "Gabor Transform and Fourier Transform based Palmprint for Human Identification", Proceedings of the International Convention cum Pre- Conference Workshop on Innovations in Engineering and Technology for Sustainable Development, pp.319-323, held at Bannari Amman Institute of Technology on September 2012.
8. N.B. Mahesh Kumar, "Edge Detection Techniques for Finger Knuckle-print Biometrics", Proceedings of the 2<sup>nd</sup> International Conference on Computer Applications, conducted by Techno Forum Research and Development Centre, Pondicherry on Jan 2012.

## **National Conference**

1. N.B. Mahesh Kumar, "Sign Language Recognition System:A Preliminary Study", Proceedings of the 4<sup>th</sup> National Conference on Recent Trends in Ubiquitous Computing and Communication Technology, 8<sup>th</sup>-9<sup>th</sup> December 2017 at Bannari Amman Institute of Technology, Sathyamangalam.
2. Saravana Kumar Muthusamy, N B Mahesh Kumar, E Kaviya, "Providing an Best Quality of Service in Cloud Radio Access Network", Proceedings on National Conference on Innovations in Information Technology (NCIIT-2016), Bannari Amman Institute of Technology, pp. 526-532, Feb2016.
3. N.B. Mahesh Kumar, "Palmprint Biometric for Personal Authentication", Proceedings of the 4<sup>th</sup>National Conference on Challenges and Innovations in Information Technology", held at Kongu Engineering College, Erode on February2014.

4. N.B. Mahesh Kumar, "Personal Authentication using palmprint biometric", Proceedings of the 6th National Conference on Computing and Information systems, pp. 93-96, held at Sri Krishna College of Engineering and Technology, Coimbatore on February 2014.
5. N.B. Mahesh Kumar, "Palmprint Biometrics for Identification of Humans", Proceedings of the 4th National Conference on Challenges and Innovations in Information Technology", at Kongu Engineering College, Erode, pp. 105-113, 22<sup>nd</sup> February 2013.
6. N.B. Mahesh Kumar, "A Novel Finger knuckle print biometrics for personal authentication", Proceedings of the 4th National Conference on Recent Trends in Information and Intelligence system held at Vellalar College of Engineering and Technology, Erode, 17<sup>th</sup> March 2012.
7. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 2<sup>nd</sup> National Conference on Recent Advances in Computer Vision and Information Technology, 8<sup>th</sup> March 2009 at Government College of Technology, Coimbatore.
8. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 4<sup>th</sup> National Conference on Emerging Trends in Computer Science and Engineering, 20<sup>th</sup> February 2009 at K.S.Rangasamy College of Technology, Tiruchencode.
9. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 3<sup>th</sup> National Conference on "Networks, Intelligence and Computing Systems", 16<sup>th</sup> February 2009 at SNS college of Technology, Coimbatore.

#### **Books Published (Monograph)**

1. N.B. Mahesh Kumar and K. Premalatha, Palmprint Authentication by Discrete Orthonormal Stockwell Transform, Lambert Academic Publishing, 2017, ISBN 978-620-2-06697-6, 2017.
2. N.B. Mahesh Kumar and K. Premalatha, Finger Knuckle-Print Authentication Using Fast Discrete Orthonormal Stockwell Transform, Anchor Academic Publishing, ISBN 978-3- 96067-203-6, 2017.
3. N.B. Mahesh Kumar and K. Premalatha, Certain Investigations on Transform Based Techniques in Palmprint and Finger Knuckle-Print Biometrics for Personal Authentication, GRIN, ISBN 9783668562868, 2017.

#### **WORKSHOP/SEMINAR/FDP/FTP PARTICIPATION**

1. Participated in webinar on "Power of Artificial Intelligence in an IOT", "Parkinson's disease Analysis using Machine Learning" conducted by Bannari Amman Institute of Technology, IEDC College of Engineering, Kottarakkara in association with NoviTech, Ernakulam on 28.08.2020, 23.08.2020.
2. Participated in webinar on Brain Control Robot Design, Internet of Things Using NodeMCU, Design of Brain Controlled Applications, Face Recognition using Deep Learning, Image Processing Applications, Natural Language Processing, Object Recognition – YOLO/MOBILENET/CLOUD, Computer Vision Application Design, Robotics Operating Systems, Brain Computer Interface and Research Opportunities, IIOT Industry 4.0, Autonomous Vehicle Technology, Healthcare Technology, Electric Vehicle Design using Matlab, Machine Learning Applications using Python, Internet of Things using Raspberry Pi, Brain Computer Interface, Grid Tie Inverter Design, Choosing the right processor for embedded application, Emerging growth of virtual reality and augmented reality conducted by NITK-STEP, Shiv Kumar Singh Institute of Technology and Science, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Balaji Institute of Technology and Science, Warangal, AIMIT ST. Aloysius College, Mangalore, Siddhartha Institute of Technology and Sciences, Khalsa College for Women, Sidhwan khurd, Ludhiana, Atria Institute of Technology, Bengaluru, Adama Science and Technology University, Ethiopia, AISSMS

3. Institute of Information Technology, Shree Ramchandra College of Engineering, KL Deemed To Be University, Manav Rachna University, RV College of Engineering, Bengaluru, KL Deemed To Be University, Rajiv Gandhi College of Engineering Research and Technology, Chandrapur, Kongu Engineering College, Erode, SJB Institute of Technology, KL Deemed To Be University, Vijayawada, K.S.R.M. College of Engineering, in association with Pantech Solutions on 06.06.2020, 23.06.2020, 26.06.2020, 30.06.2020, 03.07.2020, 07.07.2020, 10.07.2020, 14.07.2020, 17.07.2020, 21.07.2020, 25.07.2020, 28.07.2020, 31.07.2020, 01.08.2020, 04.08.2020, 05.08.2020, 08.08.2020, 12.08.2020, 13.08.2020, 14.08.2020.
4. Participated in Cisco Small Business Virtual Summit conducted by Cisco Inc, Bangloare in association with moneycontrol, Rukna Mana hai on 17.07.2020.
5. Participated in A Walk through Natural Language Processing with Python, Mental Health in the Covid Era, What you see is What you mean, a walk-through on LATEX conducted by IEEE student branch Central University of Kerala in association with IEEE WIE Central University of Kerala and Department of Computer Science, Central University of Kerala on 15.07.2020, 29.07.2020.
6. Participated in Webinar on Renewable Energy, Lead Free Solder Development towards Green Technology, Industry 4.0 and Robot Applications conducted by Francis Xavier Engineering College, Tirunelveli on 25.06.2020, 13.07.2020 and 13.07.2020.
7. Participated in webinar on Find the Missing Millions-World Hepatitis Day 2020 Awareness conducted by VGM Foundation, Coimbatore on 02.08.2020.
8. Participated in Webinar on Getting Students Career Ready for the New World of Work conducted by Elets Techmedia Pvt.Ltd, Noia, Utrarpradesh and Harappa Education, New Delhi on 12.08.2020.
9. Participated in webinar on "Implementation of Image and Signal Processing Applications using MATLAB in Xilinx Boards conducted by Sri Ramakrishna Engineering College Coimbatore in association with IETE & Mathworks India Pvt. Ltd, Hyderabad on 13.08.2020.
10. Participated in Webinar on "Leadership: Key for Future Success" conducted by DIGISAKSHAM, Noida Uttarpradesh on 3<sup>rd</sup> September 2020.
11. Participated in 4-Day International Conference on Eradication of Biological and Chemical Weapons conducted by MIT World Peace University, Pune from 3<sup>rd</sup> -26<sup>th</sup> June 2020.
12. Participated in one week online Certificate Course on Digital Teaching Techniques conducted by ICT Academy from 29.06.2020 to 04.07.2020.
13. Participated in 12 Hours of Faculty Development Program on Cybersecurity Essentials (Online Live FDP) conducted by ICT Academy from 17.8.2020 to 22.08.2020.
14. Participated in Webinar on Health and Safety, Skills that Make You, An Insight of Essay (For Argument & Issues), Social Networks: An Insight Approach conducted by Ezeal Evolutions India Pvt Ltd, Tiruchirappalli on 28.07.2020, 26.07.2020, 30.07.2020, 21.07.2020.
15. Participated in Webinar on OBE Implementation and Academic to Achieve Excellence Leading to Accreditation Readiness through IonCUDOS on 7<sup>th</sup> April 2020.
16. Participated in Webinar on Additive Manufacturing in Academics held on 13<sup>th</sup> April 2020 in association with CoreEL Technologies and Stratays.
17. Participated in Online Workshops on Intellectual Property Rights conducted by IPPO on 10<sup>th</sup> -11<sup>th</sup> April 2020.
18. Participated in ICT Academy Convergence 2020 (Annual Members Meeting) on 15.07.2020.
19. Participated in Virtual Book Launch of Future of Higher Education – Nine Mega Trends conducted by ICT Academy on 30.06.2020.
20. Participated in Online Super Session webinar on Change is the Essence of Lif,expert session by Bharathi Baskar Future of Education Expert session by Prof. D P Singh, Personal Financial Management by CA. V. Pattabhi Ram, Good Teacher to Great Teacher by Dr. Sylendra Babu, The Power of A Teacher, Improving the Skill Set & Changing the Attitude, Expert session by Dr. Ramesh Prabbha, conducted by ICT Academy on 25.05.2020, 18.06.2020, 20.05.2020, 14.05.2020, 04.05.2020, 05.06.2020.

21. Participated Insightful Fridays of Skycampus Digital Knowledge Webinar Series, Expert
22. Talks & Panel Discussion, Jatinder K Kautish, Director - Data Science & AI, Capgemini, Amit Ravankar, Head - ER Transformation, Tata Consultancy Services Moderated by G Saravanan, DGM, ICT Academy, Insightful Fridays of Skycampus Digital Knowledge Webinar Series on the Theme "Building a Sustainable Future on 05.06.2020, 12.06.2020.
23. Participated in Insightful Fridays of Skycampus Digital Knowledge Webinar Series Expert Talks & Panel Discussion by Varughese, VP & Global Lead, Applied Intelligence - Accenture Security, Accenture Nidhi (Dr. Kiran) Kewalramani, Project Director - CSR, Tech Mahindra Foundation Moderated by G Saravanan, Head - Strategic Alliance powered by ICT Academy on 19.05.2020, 26.06.2020.
24. Participated in Season 7 of Skycampus on the theme "Accelerating Industry 4.0 - A Post Covid Paradigm" Day 1 - Conversation on "Industry 4.0 - A post Covid Paradigm", Day 2 - Accelerating Industry 4.0 - A Learning & Development Perspective, Day 3 - Impact of Artificial intelligence and cognitive computing, post covid 2019, Day 4 -Discover the Diamond in You, Day 5 - Catching the Cyber Virus powered by ICT Academy from 25.05.2020 to 29.05.2020.
25. Participated in Season 6 of Skycampus on the theme Future Tech 2020- Day 1- 5G as an Enabler In Digital Transformation, Day 2 – Global Mega Trends, Technologies and Covid 19 Impacting Sectors, Day 3 – Building Skills in Robotic Process Automation, Day 4 – Beyond Covid - Leading Through Change, Day 5 – Next Generation of Blockchain powered by ICT Academy from 18.05.2020 to 21.05.2020.
26. Participated in Season 5 of Skycampus on the theme The Future of Skills – Education, Employment and Entrepreneurship Day 1 to Day 5 powered by ICT Academy from 11.05.2020 to 15.05.2020.
27. Participated in Season 4 of Skycampus on the theme The Future of Education, Employment and Entrepreneurship Day 1 to Day 5 powered by ICT Academy from 04.05.2020 to 09.05.2020.
28. Participated in Season 3 of Skycampus on the theme The Future is Here Now – Day 1 – Opening Key Note Sessions, Day 2 to 5 powered by ICT Academy from 26.04.2020 to 30.04.2020, 01.05.2020
29. Participated in Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 1 - Opening Key Note Sessions, Day 2 - Expert Sessions, Day 3 - Expert Sessions, Day 4 - Expert Sessions, Day 5 - Expert Sessions powered by ICT Academy from 20.04.2020 to 24.04.2020.
30. Participated in Skycampus: Digital Knowledge Series: Season 1 - Session 1,2,4,5, 6,7,8,9 titled Robotic Process Automation: Basics and Beyond, Future of AI inspired by Customer Use Cases for AI-ML, Accelerating Experiential Learning in Engineering - A Mathworks Approach, The Future of Making, Introduction to AI & ML, Cybersecurity Essentials, Design Thinking - Preparing the mind for disruption, Digital Transformation in Enterprise powered by ICT Academy from April 9th to 18th 2020.
31. Participated in webinar, "Educational Institutions Under Lock-down: Byndr The Solution" held on 8th April 2020.
32. Two days Faculty Development Programme on Introduction to Big Data Analytics conducted by ICT Academy held at VSB College of Engineering Technical Campus, Coimbatore on 15th - 16th May 2019.
33. Participated in the VMware Academic Community Meet 2019 – Coimbatore powered by ICT Academy held on September 2019 at Hotel Vivanta, Coimbatore
34. Participated in the ICT Academy Bridge 2020 The High Impact Industry Institute Interaction Event of ASIA held on 26th February 2020 at IITM Research Park, Chennai
35. Participated in the ICT Academy Leadership summit held on 25th February 2020 at IITM Research Park, Chennai
36. Participated in the ICT Academy Research summit held on 25th February 2020 at IITM Research Park, Chennai

37. Participated in the ICT Academy CSR convergence 2019-Chennai organized by ICT Academy held on 27<sup>th</sup> August 2019 at ITC Grand Chola, Chennai
38. Participated in the IBM Learnnovate event held on 19<sup>th</sup> November 2018 organized by Adroit Technologies, Coimbatore
39. Two day Faculty Development Programme on Introduction to R Programming conducted by ICT Academy held at Kumaraguru College of Technology, Coimbatore on 22<sup>nd</sup> - 23<sup>rd</sup> November 2018
40. Two day National Summit on Industry Standard 4.0 – Disruptive Technologies held at Bannari Amman Institute of Technology, Sathyamangalam on 23<sup>rd</sup> - 24<sup>th</sup> March 2018
41. ICMR sponsored Two-day National Level workshop on Deep Learning in Health Care Informatics and Models, 22<sup>nd</sup> - 23<sup>rd</sup> December 2017 at Bannari Amman Institute of Technology, Sathyamangalam
42. Two day Faculty Development Programme on Introduction to Mobile APP Development conducted by ICT Academy held at Jay Sriram Group of Institutions, Tiruppur on 27<sup>th</sup>-28<sup>th</sup> November 2017
43. Three-Week Short Term Training Course on Applied Statistics for Bioinformatics and Computational Biology Solutions using R and Bioconductor, 4<sup>th</sup>-22<sup>nd</sup> September 2017
44. National Level Two days workshop on Real Time Applications using Internet of Things (IOT), 20<sup>th</sup>-21<sup>st</sup> 2017 at Bannari Amman Institute of Technology, Sathyamangalam
45. DST-NIMAT sponsored Entrepreneurship Camp, 20<sup>th</sup> - 22<sup>nd</sup> July 2017 and 22<sup>nd</sup> – 24<sup>th</sup> August at Bannari Amman Institute of Technology, Sathyamangalam
46. Two Day workshop on Ethical Hacking, 21<sup>st</sup> -22<sup>nd</sup> July 2017 at Bannari Amman Institute of Technology, Sathyamangalam
47. Cisco Networking Academy Conference India, Cisco Systems India Pvt Ltd, Bangalore jointly with Amrita Vishwa Vidyapeetham University, Coimbatore, 22<sup>nd</sup> and 23<sup>rd</sup> June 2017
48. One day workshop on Engineering and Technology of developing internationally publishable research papers, 27<sup>th</sup> July 2017, at Bannari Amman Institute of Technology, Sathyamangalam
49. Workshop on Multimedia and Animations, 27<sup>th</sup> June 2017 to 28<sup>th</sup> June 2017, One Yes Technologies, Chennai at Bannari Amman Institute of Technology, Sathyamangalam
50. Cisco Networking Academy Conference India, Cisco Systems India Pvt Ltd, Bangalore jointly with Amrita Vishwa Vidyapeetham University, Coimbatore.
51. One day workshop on Engineering and Technology of developing internationally publishable research papers, 27<sup>th</sup> July 2017, at Bannari Amman Institute of Technology, Sathyamangalam
52. Workshop on App Development, 3<sup>rd</sup>-2<sup>nd</sup> March 2017, One Yes Technologies, Chennai at Bannari Amman Institute of Technology, Sathyamangalam
53. App development Workshop, 21<sup>st</sup> November 2016 to 22<sup>nd</sup> November 2016 at Bannari Amman Institute of Technology, Sathyamangalam
54. Code Optimization Workshop, 26<sup>th</sup> August 2016, at Bannari Amman Institute of Technology, Sathyamangalam
55. One Day Seminar on Adapt TestOutLabsim to Train IT IMS Skills, 15<sup>th</sup> September 2016, at Bannari Amman Institute of Technology, Sathyamangalam
56. One day Workshop on Twitter Literacy Programme, 27<sup>th</sup> August 2016 at Bannari Amman Institute of Technology, Sathyamangalam
57. Workshop on Global IPD Week, June 2016, Technical Field Engagement team of CISCO, 31<sup>st</sup> May 2016 to 3<sup>rd</sup> June 2016
58. iOS App development Workshop (Preparatory Session), 6<sup>th</sup> February 2016, at Bannari Amman Institute of Technology, Sathyamangalam
59. iOS App development Workshop, 13<sup>th</sup> February 2016, 05<sup>th</sup> March 2016 to 06<sup>th</sup> March 2016, 19<sup>th</sup> March 2016, 16<sup>th</sup> April 2016 to 17<sup>th</sup> April 2016, 14<sup>th</sup> May 2016 at Bannari Amman Institute of Technology, Sathyamangalam
60. Two-week ISTE STTP workshop on “Introduction to Design of Algorithms” conducted by Indian Institute of Technology, Kharagpur jointly with National Mission on Education
61. through ICT (MHRD) held from 27<sup>th</sup> April to 30<sup>th</sup> May 2015 at Bannari Amman Institute of Technology, Sathyamangalam

62. Two day RBT Workshop conducted by the Department of Computer Science and Engineering held on 23rd and 24th February 2015 at Bannari Amman Institute of Technology, Sathyamangalam
63. Workshop on “Multimedia and Animation” conducted by the Department of Computer Science and Engineering held on 26th and 27th August 2014 at Bannari Amman Institute of Technology, Sathyamangalam
64. Two-week ISTE workshop on “Computer Programming” conducted by Indian Institute of Technology, Bombay jointly with National Mission on Education through ICT (MHRD) held from 20th May to 21st June 2014 at Bannari Amman Institute of Technology, Sathyamangalam
65. Cisco Networking Academy Instructor Conference and Retooling Workshop conducted by Cisco Inc. Sys, Bangalore held on 23rd August 2013 at The Residency Hotel, Coimbatore.
66. One day Yoga Programme – Introductory Lecture on “ART OF LIVING” conducted by the Department of Computer Science and Engineering held on 28th March 2013 at Bannari Amman Institute of Technology, Sathyamangalam
67. DRDO Sponsored National Seminar on “Recent Research Application of Support Vector Machines” conducted by the Department of Computer Science and Engineering held on 28th and 29th December 2012 at Bannari Amman Institute of Technology, Sathyamangalam
68. One day Training Programme on Open Source Software conducted by the Department of Computer Science and Engineering held on 21st November 2012 at Bannari Amman Institute of Technology, Sathyamangalam
69. CSIR sponsored National Workshop on “Recent Trends in Multimodal Biometric System” conducted by the Department of Computer Science and Engineering held on 26th and 27th July 2012 at Bannari Amman Institute of Technology, Sathyamangalam
70. Two day workshop on Personality Effectiveness Programme (PEP) conducted by the Department of Computer Science and Engineering held on 6th and 7th October 2012 at Bannari Amman Institute of Technology, Sathyamangalam
71. One day workshop on “Reinforcement session of Language Development Programme” conducted by the Department of Computer Science and Engineering held on 21st April 2012 at Bannari Amman Institute of Technology, Sathyamangalam
72. One day workshop on “III Module of Language Development Programme” conducted by the Department of Computer Science and Engineering held on 11th and 12th April 2012 at Bannari Amman Institute of Technology, Sathyamangalam
73. Cisco Networking Academy Retooling Workshop conducted by Cisco Inc. Sys, Bangalore held on 29th July 2011 at Hotel Rathna Regent, Avinashi Road, Coimbatore
74. CSIR Sponsored National Seminar on “Security Intelligence for Global Applications” conducted by the Department of Computer Science and Engineering held on 27th and 28th May 2011 at Bannari Amman Institute of Technology, Sathyamangalam
75. ICMR Sponsored National Seminar on “Applications of Soft Computing in Medical Image Processing” conducted by the Department of Computer Science and Engineering held on 4th and 5th March 2011 at Bannari Amman Institute of Technology, Sathyamangalam
76. CSIR Sponsored National Seminar on “Heuristic Optimization Techniques for Engineering and Research Applications” conducted by the Department of Computer Science and Engineering held on 24th and 25th September 2010 at Bannari Amman Institute of Technology, Sathyamangalam
77. CSIR Sponsored National Seminar on “Heuristic Optimization Techniques for Engineering and Research Applications” conducted by the Department of Computer Science and Engineering held on 24th and 25th September 2010 at Bannari Amman Institute of Technology, Sathyamangalam
78. Faculty Development Programme on “Certificate in .NET Programming” conducted by ICT Academy of Tamil Nadu jointly with Microsoft, Bangalore at PSG College of Technology, during 29th May to 5th June 2010



79. Cisco SAARC Academy meet 2010 event conducted by Cisco Inc. Sys, Bangalore held on 26th March 2010 at Taj Residency, Bangalore
80. Faculty Training Programme on “Essentials of .NET” conducted by ICT Academy of Tamil Nadu jointly with Microsoft, Bangalore at Jayam Engineering College, Dharmapuri, during 27th and 28th January 2010
81. Workshop on “Open Source Tools for Research in Data Mining” conducted by the Department of Computer Science and Engineering held on 28th November 2009 at Bannari Amman Institute of Technology, Sathyamangalam
82. Workshop on “Wireless Networks and Security Applications Using QUALET 4.5” during October 31st 2009 organized by the Department of Electronics and Communication Engineering and Applied Digital MicroLogics India Pvt. Ltd., Coimbatore at Bannari Amman Institute of Technology, Sathyamangalam
83. FDP on “Industrial Perspective of Java Programming Language and Web Technology” conducted by the Department of Computer Science and Engineering held on 18th and 19th August 2009 at Bannari Amman Institute of Technology, Sathyamangalam
84. Workshop on “Advanced Developer Technologies” organized by Microsoft Corporation, Bangalore at Sri Krishna College of Engineering and Technology, Coimbatore during 24th April 2009
85. National Seminar on “Advances in Applied Mathematics” held on 23rd March 2009 at the Department of Applied Mathematics, Bharathiar University, Coimbatore
86. One Day National Level Doctoral Symposium on Information Technology organized by the School of Computer Science and Engineering during 30th March 2009, Bharathiar University, Coimbatore
87. Faculty Development Programme on “Free/Open Source Software (FOSS)” held at Sri Krishna College of Engineering and Technology, Coimbatore during 5th and 6th September 2008
88. Workshop on “Thrust Areas of Research and its methodologies in Information Technology” on 17th March 2007 organized by Department of Computer Science and Engineering and Information Technology, Government College of Technology, Coimbatore
89. Workshop on “Networks Lab” organized by the Department of Electronics and Communication Engineering jointly with TETCOS, Bangalore during 13th November 2006 at Sri Krishna College of Engineering and Technology, Coimbatore

#### **SEMINAR/WORKSHOP/ CONFERENCE ORGANIZED**

<b>S. No.</b>	<b>Date</b>	<b>Title of the Seminar/Workshop Organized</b>	<b>National / International</b>
1.	20 <sup>th</sup> & 21 <sup>th</sup> January 2012	CSIR sponsored Two-day National Seminar on Smart Antennas in Fourth Generation Wireless Systems: Research Trends and Issues	National
2.	26 <sup>th</sup> & 27 <sup>th</sup> July 2012	CSIR sponsored Two-day National Workshop on Recent Trends in Multimodal Biometric System	National
3.	21 <sup>st</sup> & 22 <sup>nd</sup> February 2019	IEEE sponsored International Conference on Intelligent Sustainable Systems (ICISS-2019)	International
4.	08 <sup>th</sup> & 09 <sup>th</sup> August 2019	CSIR sponsored Two-day National Workshop on Bigdata Analytics using Hadoop	National

**VALUE ADDED COURSE ORGANIZED**

S.No	Cisco Instructor	Course and Module Name	From	To
1.	Dr. N.B. Mahesh Kumar	CCNA - Module I (Introduction to Networks)	01.10 2016	31 .03 2017
2.		CCNA - Module II(Routing and Switching Essentials)	12.06.2017	22.02 2018
3.		CCNA - Module I (Introduction to Networks)	28.06 2017	22.02 2018
4.		CCNA - Module II(Routing and Switching Essentials)	08.02.2018	31.08 2018

**SEMINAR/WORKSHOP PROPOSAL SUBMISSION**

S.No.	National Seminar/Workshop Submitted	Faculty Name	Agency	Year
1.	Future Innovations in Networks and Information Security	Dr. P.Thangaraj N.B. Mahesh Kumar	AITCE	2011
2.	Robust Machine Learning Technique for Biometric Recognition	Dr. P.Thangaraj N.B. Mahesh Kumar	TNSCST	2011
3.	Recent Advancements in Semantic Web Engineering: Tools and Applications	Dr. P.Thangaraj N.B. Mahesh Kumar	DST	2011
4.	Smart Antennas in Fourth Generation Wireless Systems: Research Trends and Issues	Dr. P.Thangaraj M.Pandi N.B. Mahesh Kumar	CSIR	2011
5.	Research Challenges in Image and Pattern Analysis	Dr. P.Thangaraj N.B. Mahesh Kumar	TNSCST	2012
6.	Wavelets and its Application in Image Processing	Dr. P.Thangaraj N.B. Mahesh Kumar	BRNS	2012
7.	Semantic Applications Web Engineering: Tools and Engineering	Dr. P.Thangaraj N.B. Mahesh Kumar	DRDO	2012
8.	Research Challenges in Mobile Computing for Medicine	Dr. P.Thangaraj N.B. Mahesh Kumar	BRNS	2013
9.	Computational Analysis and Pattern Recognition in Image Processing	Dr. P.Thangaraj N.B. Mahesh Kumar	DRDO	2013
10.	Component Analysis Techniques for Image Classification in Computer Vision	N.B. Mahesh Kumar	BRNS	2013
11.	DNA Microarray Data Analysis using R/Bioconductor and Next Generation Computing	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar Dr. R.Balamurugan M.Pandi	DBT	2016
12.	Research Challenges in Speckled Computing and Specknets	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar M.Pandi	SERB	2016
13.	Research Challenges in Speckled Computing and Specknets	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar T.Kumaresan	CSIR	2016
14.	Big Data and Deep Learning	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar	Meity	2017

15.	Deep Learning Techniques in Big Data Analytics	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar	CSIR	2017
16.	Industry Standard 4.0 - Disruptive Technology Summit	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar Dr. N.Sadhasivam	DBT	2018
17.	Bigdata Analytics Using Hadoop	Dr. A.Ramesh Dr. N.B.Mahesh Kumar	CSIR	2019
18.	Internet Of Things(Iot) Applications	Dr. N.B.Mahesh Kumar	ISTE	2020

### **NPTEL Courses Completed**

- ❖ NPTEL Online Certification of 8-week Course in Design and Analysis of Algorithms, funded by the Ministry of HRD, Govt. of India from August – October 2018.
- ❖ NPTEL Online Certification of 8-week Course in Database Management Systems funded by the Ministry of HRD, Govt. of India from January to April 2019.
- ❖ NPTEL Online Certification of 12-week Course in Operating System Fundamentals funded by the Ministry of HRD, Govt. of India from July to October 2019.

### **GUEST LECTURE/ FDP ORGANIZED**

- ❖ Placement Awareness Programme was conducted by Sr. Territory Manager, HireMee, Bangalore for final year students on 04.07.2018.
- ❖ Online Skill Assessment Test was conducted by Sr. Territory Manager, HireMee, Bangalore for final year students on 05.07.2018.
- ❖ A Guest lecture about Recent Trends in IT Industry by Mr. SabarinathanMuthu, Executive Manager, Gateway Software Solutions, Coimbatore, Python and Networking by Mr. A.Jaiger, Managing Director, Stornics, Coimbatore on 13.07.2018.
- ❖ A Guest lecture about Cloud Computing by Mrs. A.FlorenceReena, Associate Technical Lead, CTS, Coimbatore on 08.09.2018.
- ❖ A Guest lecture about Image Processing by Mr. Karthick Shankar, MATLAB Software Developer, Blue Mount Technologies, Coimbatore on 02.02.2019.
- ❖ CSE Association was inaugurated by Mr. MadhanBabuBhoopal, Technical Lead, Robert Bosch Engineering and Business Solutions Ltd, Coimbatore on 16.02.2019.
- ❖ A Guest lecture about Web Development by Mr. M.Kumar, Central Manager, LIVEWIRE, Tiruppur on 23.02.2019.
- ❖ Faculty Development Program on “Presentation Skills”, The Resource person was Mr Aman Tyagi from the Corporate Social Responsibility (CSR) team of Tata Consultancy Services, Chennai on 29.10.2018.

Name	Dr. B.Murugesan			
Designation & Department	Professor & Head- Chemistry			
Qualification	M.Sc., M.Phil., Ph.D., MISTE.,			
Area of Specialization	Chemistry			
Date of Joining (KSR IET)	04.06.2012			
Experience (as on 01.06.2020)	Teaching: 9 years 5 months	Industry:12 years 6 months	Others: 00	
Number of Papers Published	National Journals : 00		International Journals	06
Number of Papers Presented	National Conferences : 01		International Conferences :	00
Books Published	National Publisher : 00		International publisher	00
Contact Details	E Mail: rbmurrugesan@gmail.com		Mobile:9486152591	

#### **Publications (International Journals) : 6**

- **B. Murugesan**, A. Sivakumar, A. Loganathan and P.Sivakumar, Synthesis and photocatalytic studies of lanthanum oxide doped nano carbon hollow spheres, Journal of the Taiwan Institute of Chemical Engineers, 71, 2016, 364-372.doi:10.1016/j.jtice.2016.11.020.(**Impact factor : 5.876**)
- A. Sivakumar, **B. Murugesan**, A. Loganathan and P.Sivakumar, A review on decolourisation of dyes by photodegradation using various bismuth catalysts, Journal of the Taiwan Institute of Chemical Engineers, 45, 2014, 2300-2306.doi:10.1016/j.jtice.2014.07.003. (**Impact factor : 5.876**)
- A. Sivakumar, **B. Murugesan**, A. Loganathan and P.Sivakumar, Synthesis of ZnO nano

wire and ZnO/CeO<sub>2</sub> solid solution nano wire by bio-morphing and its characterization, Journal of the Taiwan Institute of Chemical Engineers, 78, 2017, 462–470.doi:10.1016/j.jtice.2017.05.030. **(Impact factor : 5.876)**

- Loganathan, A. Sivakumar, **B. Murugesan** and P.Sivakumar, Solar Light Active CeO<sub>2</sub>/rGO Hybrid Photocatalyst for Direct Violet 51 degradation, Rasayan Journal of Chemistry, Vol.12,No.4, 1710-1724, 2019. **(Impact factor : 1.23)**
- Loganathan, **B. Murugesan**, A. Sivakumar and P.Sivakumar, Acid Red 88 Dye Degradation by Green Synthesized CeO<sub>2</sub>/rGO Nanohybrid Photocatalyst under Solar Light, Indian Journal Of Environmental Protection, Vol.40, No.5, 518-526, 2020. **(Impact factor : 0.25)**
- Loganathan, A. Sivakumar, B. Murugesan and P.Sivakumar, Green Synthesis and Applications of Nano CeO<sub>2</sub>/rGO Solar Active Photocatalyst for the Degradation of Basic Auramine-O Dye, Asian Journal of Chemistry, Vol 32, No.3, 528-538, 2020. **(Impact factor : 0.535)**

**Publications (National Journals):Nil**

**Publications (International Conferences):Nil**

**Publications (National Conferences): 1**

1. **B. Murugesan**, A. Sivakumar, A. Loganathan, P. Sivakumar, *Novel synthesis of various nano sized bismuth compounds and their impact on photocatalytic performances – A Review*, MoES Sponsored National conference on “Recent advances in Nanotechnology, Chemistry and Environmental Research (RANCER 2014)” held on 11<sup>th</sup> and 12<sup>th</sup> December 2014, organized by Department of Chemistry, Kongu Engineering College, Perundurai.

**Books /Instruction materials/monographs published**

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	NIL			

**Name :** Dr.S.MARKKANDEYAN  
**Designation &Department :** PROFESSOR  
INFORMATION TECHNOLOGY

**Qualification:** M.E., Ph.D.

**Area of Specialization :** Data Mining, Web Mining

**Date of Joining : (KSR IET)** 16.07.2021

**Experience:** **Teaching:20**

**Number of Papers Published:** **International Journals : 10**

**Number of Papers Presented :** **National Conferences : 05** **International Conferences: 06**

**Contact Details :** **E Mail:** drsmkupt@gmail.com **Mobile:** 9443586582



### **Publications (International Journals)**

1. **Markkandeyan, S** & Indra Devi, M, 'Efficient Machine Learning Technique for Web Page Classification', Arabian Journal for Science and Engineering, **Springer**, 2015, vol. 40, no. 12, pp. 3555-3566, ISSN: 1319-8025, E-ISSN: 2191- 4281, Impact Factor **2.334**.  
(Annexure – I)
2. Arockia Christopher, A.B, Shunmughavel, V & **Markkandeyan, S**, 'Large-scale Data Analysis on Aviation Accident Database using Different Data Mining Techniques', **The Aeronautical Journal**, 2016, vol. 120, no. 1234, pp. 1849-1866, ISSN: 0001-9240, E-ISSN: 2059-6464, Impact Factor **0.976**.(Annexure – I)
3. **Markkandeyan, S**, Kalyanasundaram, P, Muthhaia, U, Nilavu Niza A, Gnanapriya P, 'Application of Different Feature Selection and Machine Learning Techniques in Web page Classification', AIP Conference Proceedings, 2021, vol. 2405, pp. 1-4, ISSN: 0094-243X, Impact Factor 0. 40. (**Scopus**)
4. **Markkandeyan, S**, Anitha, C, 'Malicious URLs Detection System Using Enhanced Convolution Neural Network', International Research Journal of Modernization in

Engineering Technology and Science, 2021, vol. 3, no. 2, pp. 1216-1220, ISSN: 2582-5208, Impact Factor 6. 752. **(UGC)**

5. **Markkandeyan, S**, Kalyanasundaram, P, Suresh, P, ‘Design and Implementation of War Simulation through Multiplayer Virtual Reality in Serious Gaming’, International Journal of Advanced Science and Technology, 2020, vol. 29, no. 4, pp. 5402-5409, ISSN: 2207-6360, Impact Factor 0. 41. **(Scopus)**
6. **Markkandeyan, S**, Muthhaia, U, Seetha, Y, ‘Classification Models and Hybrid Feature Selection Method to Improve Crop Performance’, International Journal of Innovative Technology and Exploring Engineering, 2019, vol. 8, no. 11(s2), pp. 323-326, ISSN: 2278-3075, Impact Factor 5.54. **(Scopus)**
7. **Markkandeyan, S**, Kalyanasundaram, P, Muthhaia, U, ‘Research of Novel Web Page Classifiers and Feature Selection Methods’, International Journal of Innovative Technology and Exploring Engineering, 2019, vol. 8, no. 11, pp. 51-55, ISSN: 2278-3075, Impact Factor 5.54. **(Scopus)**
8. **Markkandeyan, S & Meera, G**, ‘Effort Reduction in Social Network Privacy’, International Journal of Applied Engineering Research, 2015, vol. 10, no. 49, Special Issues, pp. 115-119, ISSN: 0973-4562, E-ISSN: 0973-9769, Impact Factor 0.14. **(Scopus)**
9. **Markkandeyan, S & Sharanya, J**, ‘Peer-Peer Greedy DB based Personalized Web Search’, International Journal of Applied Engineering Research, 2015, vol. 10, no. 49, Special Issues, pp. 209-215, ISSN: 0973-4562, E-ISSN: 0973-9769, Impact Factor 0.14. **(Scopus)**
10. **Markkandeyan, S & Indra Devi, M**, ‘Performance Analysis of Features and Algorithms Applied in Web Page Classification-Survey’, International Journal of Applied Engineering Research, 2014, vol. 9, no. 24, pp. 27613-27620, ISSN: 0973-4562, E-ISSN: 0973-9769, Impact Factor 0.14. **(Scopus)**

### **Publications (Patent)**

1. **Markkandeyan, S & Segottaiyan, N**, ‘SIGI prints’, Indian patent office, Application Number: 201841029518.

### **Publications (International Conferences)**

1. **Markkandeyan, S**, ‘Data with attribute based encryption in cloud storage’, International Conference on Recent Innovations in Engineering (ICRIE18), March 24, 2018, Sri Subramanya College of Engineering and Technology, Palani, Tamilnadu, India.
2. **Markkandeyan, S**, ‘Application of machine learning classifiers in Web page classification’, International Conference on Recent Innovations in Engineering, March 25, 2017, Sri Subramanya College of Engineering and Technology, Palani, Tamilnadu, India.
3. **Markkandeyan, S & Sharanya, J**, ‘Peer-Peer greedy DB based personalized web search’, International Conference on Emerging Trends in Engineering, Technology & Management (ICETM-15), April 16-18, 2015, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
4. **Markkandeyan, S & Meera, G**, ‘Effort reduction in social network privacy’, International Conference on Emerging Trends in Engineering, Technology & Management (ICETM-15), April 16-18, 2015, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
5. **Markkandeyan, S & Indra Devi, M**, ‘Analysis of document similarity using nearest neighbor text classification in Web page’, International Conference on Recent Innovations in Engineering (ICRIE), March 13-14, 2014, Sri Subramanya College of Engineering and Technology, Palani, Tamilnadu, India.
6. **Markkandeyan, S & Indra Devi, M**, ‘An assortment method of features and algorithms used in Web page classification-Survey’, International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems (ICDASDC-2012), December 21-22, 2012, pp. 362-367, K.L.N College of Information Technology, Madurai, Tamilnadu, India, ISBN: 978-81-923777-9-7.

### **Publications (National Conferences)**

1. **Markkandeyan, S & Indra Devi, M**, ‘A Comprehensive survey on novel machine learning techniques for Web page classification’, National Conference on Recent Trends in Social Mobile Analytics Cloud (NCRTSMAC-16), April 7, 2016, Kamaraj College of Engineering and Technology, Virudhunagar, Tamilnadu, India.



2. **Markkandeyan, S** & Indra Devi, M, ‘Novel Web page classification algorithms’, National Conference on State of art Enabling Technologies of Distributed Computing (NCSEDC-16), April 1-2, 2016, RVS College of Engineering, Dindigul, Tamilnadu, India.
3. **Markkandeyan, S** & Indra Devi, M, ‘Web page classification: A survey on SVM based classification’, National Conference on Knowledge Discovery and Data Mining (NCKDDM), 6 August 22-23, 2011, pp. 93-98, Thiagarajar College of Engineering, Madurai, Tamilnadu, India, ISBN: 978-93-81361-21-4.
4. **Markkandeyan, S**, ‘Network security in network intraface system’, National Conference on Recent Trends in Advanced Computing, April 10-11, 2008, K.L.N College of Information Technology, Madurai, Tamilnadu, India.
5. **Markkandeyan, S**, ‘Image security in biometrics’, National Conference on Information Technology and Management, February 16, 2008, P.S.N.A College of Engineering and Technology, Dindigul, Tamilnadu, India.

### **Workshops & Seminar Organized**

1. Convener, One day National level Workshop on “Linux” held on 23rd August, 2019, Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu and IIT Bombay, India.
2. Convener, One day National level Workshop on “Python” held on 22nd June, 2019, Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu and IIT Bombay, India.
3. Convener, One day National level Workshop on “Outcome Based Education (OBE)” held on 18th June, 2019, Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu, India.
4. Convener, Two days Faculty Development Program on “Cloud infrastructures and services” held on 18th and 19th June, 2018, ICT Academy & Department of Computer Science and Engineering, Sri Shanmugha College of Engineering and Technology, Sankari, Tamilnadu, India.
5. Organizer, Two days National Conference on “State of art Enabling Technologies of Distributed Computing (NCSEDC-16)”, April 1-2, 2016, RVS College of Engineering,

Dindigul, Tamilnadu, India.

6. Organizing Committee Member, Two days International Conference on “Emerging Trends in Engineering, Technology & Management (ICETM-15)”, April 16-18, 2015, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
7. Organizing Committee Member, One day Workshop on “Creating Good Research Papers using LaTeX”, 22nd August, 2014, Department of Information Technology, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.
8. Coordinator, One day Workshop on “Web standards for Practice”, 30th September, 2011, Department of Information Technology, RVS College of Engineering and Technology, Dindigul, Tamilnadu, India.

### **Membership in Professional Bodies**

1. Life Member of The Indian Society for Technical Education (ISTE)
2. Life Member of International Association of Computer science and Information Technology (IACSIT)

### **NPTEL Courses Completed**

1. ‘Data Mining’, Elite Certificate, February - April 2019, 2020, NPTEL, IIT Chennai, India.
2. ‘Data Base Management System’, August - September 2018, NPTEL, IIT Chennai, India.

**UG & PG Projects Guided: 90**

**Guest Lectures Delivered: 05**

**Programmes Participated (Workshops , Seminars, FDP and STTP): 73**

**Name** K. G. Lavanya

**Designation & Department** ASSISTANT PROFESSOR  
INFORMATION TECHNOLOGY

**Qualification** M.Tech

**Area of Specialization** Mobile Ad Hoc Networks

**Date of Joining (KSR IET)** 02-06-2014



**Experience** **Teaching: 9 Years** **Industry: 2.5 Years**

**Number of Papers Published** **National Journals : International Journals :**

**Number of Papers Presented** **National Conferences : 01 International Conferences : 03**

**Books Published** 1

**Contact Details** **E Mail:** lavanyakg@gmail.com

**Mobile:** 8754254806

### INTERNATIONAL CONFERENCE

1. **K.G.Lavanya, “Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis”** has presented at International Conference on Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems Using Internet of Things (ICSAIOT 2019) conducted by K.S.Rangasamy College of Technology, Namakkal.
2. **K.G.Lavanya, S. Shanmugapriya, “Simulation of Broadcasting Algorithm using Neighbour Information in Mobile Ad Hoc Networks”** has published in International Conference on Intelligent Systems and Control –ISCO 2012 organized by Karpagam College of Engineering, Coimbatore on 06.01.2012 and 07.01.2012.
3. **K.G.Lavanya, “A Survey of Adaptive Beaconing in MANET for geographic Routing”** has published in International Conference on Innovative Research in Engineering and Technology organized by Park College of Engineering and Technology, Coimbatore from 03.01.2013 to 05.01.2013.

### NATIONAL CONFERENCE

1. **K.G.Lavanya, C.Nallusamy, “A Scrutiny of Forwarding Strategies for Geographic Routing in MANET”** has published in National Conference on Recent Trends in Engineering and Technology organized by KSR Institute for Engineering and Technology on 24.03.16.

### **BOOKS PUBLISHED**

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Ad hoc Sensor Networks	Dr.P.Meenakshi Devi M.Dhurgadevi K.G.Lavanya	AR Publications, Chennai	2016

### **PROPOSALS SUBMITTED TO FUNDING AGENCY**

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
1.	Challenges And Issues In 6lowpan And Zigbee Network For Environmental Monitoring And Forecasting	DST	50,000	Seminar	2015 - 2016

### **NPTEL COURSES COMPLETED**

1. Introduction to modern application Development

### **SUBJECT LINKS**

#### **Operating Systems**

1. Operating Systems Overview  
<http://bit.do/eGynL>
2. Process Management  
<http://bit.do/eGyoj>
3. Storage Management  
<http://bit.do/eGyot>
4. I/O Systems  
<http://bit.do/eGyoA>
5. Case Study  
<http://bit.do/eGyoR>

#### **Ad hoc Sensor Networks**

1. MAC Protocols for Ad Hoc Wireless Networks  
<http://bit.do/eGypq>
2. Routing Protocols and Transport Layer in Ad Hoc Wireless Networks  
<http://bit.do/eGypL>

**Name** M.KANIMOZHI  
**Department** INFORMATION TECHNOLOGY  
**Qualification** M.E(CSE)  
**Area of Specialization** MOBILE COMPUTING  
**Date of Joining (KSR IET)** 01-12-2020



**Experience** **Teaching: 2.7 Years**

**Number of Papers Published** **International Journals : 02**

**Number of Papers Presented** **National Conferences : 00** **International Conferences : 03**

**Contact Details** **E Mail:**  
[kanimozhimobankumar10@gmail.com](mailto:kanimozhimobankumar10@gmail.com)

**Mobile: 6381734336**

#### **INTERNATIONAL JOURNALS**

- M.Kanimozhi and T.Akila “**Advanced Pricing and Load sharing using virtual machine scheduling in cloud sensor networks**” International Journal of Advance Research, Ideas and Innovations in Technology, Vol. 8 Issue 3 ISSN 2751 - 7756 April 2018.
- M.Kanimozhi “**Advanced E-commerce site for Shopping**” International Journal of Advanced Technology in Engineering and Science, Vol. 09 Issue 4 April 2021 ISSN 2348 – 7550.

#### **INTERNATIONAL CONFERENCES**

- International conference on Adaptive Technologies for Sustainable Growth (ICATS - 2018) “**Advanced Pricing and Load sharing using virtual machine scheduling in cloud sensor networks**” at Paavai Engineering College Namakkal.
- International conference on Applied Sciences and Technology(ICAST-2017) “**Efficient and Protection of worms in Mobile Platforms**” at Mahendra College of Engineering Salem.

- International conference on Challenges and Opportunities for Innovation in New Normal Scenario “**Advanced E-commerce site for Shopping**” at K S R Institute For Engineering and Technology Namakkal.

### **WORKSHOPS AND SEMINARS**

- “**Ethical Hacking**” E-Hack Level-1 organized by “Infysec”.
- “**Microsoft Dream Spark Yaatra**” organized by “Microsoft Corporation (India) Pvt. Ltd”.
- “**Personality Development**” organized by “The Institute of Personality Development”.
- “**Advanced Java Programming**” organized by “Senior Associate Trainer – Infosys”.
- “**Windows 8 App Development**” organized by “The Spark User Group”.
- “**Java Programming Language Java SE 6**” organized by “Oracle University”.
- “**Corporate to Campus**” organized by “ICT Academy of Tamilnadu”.

### **CERTIFICATIONS**

#### **ISO:**

- Certificate awarded for successfully completing the course “**HDCA**” – **Honours Diploma in Computer Application** from Jul 2010 to Jul 2011.
- Certificate awarded for successfully completing the course “**Java Programming**” from Jul 2014 to Aug 2014.

#### **AWARDS:**

- Certificate awarded for “**MERIT SCHOLARSHIP**” Rs.20,000 provided by Mahendra Alumni on Oct 2014 at “Mahendra Engineering College”.

**Name** D.BALAKRISHNAN  
**Department** INFORMATION TECHNOLOGY  
**Qualification** M.E(CSE)  
**Area of Specialization** ARTIFICIAL INTELLIGENCE  
**Date of Joining (KSR IET)** 01-06-2018



**Experience (as on 01.06.2020)** **Teaching: 8.5 Years**

**Number of Papers Published** **National Journals: 02** **International Journals : 07**

**Number of Papers Presented** **National Conferences : 06** **International Conferences : 07**

**Books Published** **01**

**Contact Details** **E Mail: balakrish.careers@ksriet.ac.in**  
**Mobile: 9489796499**

#### **INTERNATIONAL JOURNALSS**

1. **D Balakrishnan, T Gowri, “Protocol For Location Privacy Using K- Anonymity With Hla In Wireless Sensor Networks”, International Journal of Science and Engineering Research, Volume 4 Issue 1, 2016.**
2. **D Balakrishnan, K Ranjitha, R Sangeetha, D Sumithra, V Varshini, “Secure Transmission of Images Based on DNA Computing Sequence”, International Journal of Modern Trends in Engineering and Science, Volume 4 Issue 3, 2017.**
3. **D Balakrishnan, “Implementation of Text and Voice Enabled Artificial Intelligence Chatter Bot”, International Journal of Research in Computer Science, Volume 5 Issue 2, 2018.**
4. **D Balakrishnan, “Appliance of Artificial Intelligence Techniques to Develop a chatterbot”, Pramana Research Journal, Volume 8 Issue 9, 2018.**

5. L.Priyanga Devi, K.G.Lavanya, S.M.Keerthana, **D Balakrishnan**, “**Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis**”, International Research Journal of Multidisciplinary Technovation (IRJMT), ISSN no. 2582-1040, November-2019
6. J.P. Jessica Collins, R. Santhosh Kumar, M. Priyadharshini, **D. Balakrishnan**, “**A Platform for Healthy Coders Community**”, GIS Science Journal, ISSN no. 1869-9391, Volume 8, Issue 1, 2021.
7. R. Jotheeswaran, B. Joshua daniel, S. Sriram ,**D. Balakrishnan**, “**Designing and Implementation of Multilingual Lexicography**”, International Journal of Engineering Research & Technology (IJERT), ISSN no. 2278-0181, Volume 9, Issue 5, 2021.

### **INTERNATIONAL CONFERENCES**

1. D. Balakrishnan, “**A Novel Approach to Set Fixation Point of an Object for Segmentation**”, International Conference on Communication and Computer Vision (ICCCV-2013) conducted by RVS Faculty of Engineering, Coimbatore.
2. D. Balakrishnan, “**Secure Data Intrusion Resilience in Mobile Unattended WSNs**”, International Conference on Recent Trends in Signal Processing, Image Processing & VLSI conducted by Don Bosco Institute of Technology, Bangalore in 2014.
3. D. Balakrishnan, “**Thread Detection and Mitigation Using Port Scanning**”, International Conference on Synergistic Evolutions in Engineering conducted by Surya Engineering College, March 2016.
4. D. Balakrishnan, “**Inter Network Design Using Interior Routing Protocol**”, International Conference on Explorations and Innovations in Engineering and Technology (ICEIET-2016) conducted by Hindusthan Institute of Technology, Coimbatore.
5. D. Balakrishnan, “**Protocol For Location Privacy Using K- Anonymity With Hla In Wireless Sensor Networks**”, International Conference on Recent Trends in Electronics, Communication and Computation Technologies (ICRTECCT-2016) conducted by Sri Ramanathan Engineering College, Tirupur.
6. Presented a paper entitled “**Workflow Management With Realtime Tasks Oriented Energy Aware Scheduling in Virtualized Clouds**” at 7<sup>th</sup> National Conference on Networking and Communication Systems (NCS'19) conducted by Excel Engineering College, Namakkal



7. Presented a paper entitled **“Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis”** at International Conference on Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems Using Internet of Things (ICSAIOT 2019) conducted by K.S.Rangasamy College of Technology, Namakkal

### **NATIONAL CONFERENCES**

1. D. Balakrishnan, **“Approach to Segment an Object within the Fixation Limit”**, National Conference on Advanced Technology in Computer Science, Communication & Electrical (NATC<sup>2</sup>E-2013) conducted by MET’s School of Engineering, Thrissur.
2. D. Balakrishnan, **“TPF Scheduler to Implement Trustworthy Operations”**, 1<sup>st</sup> National Conference on Recent Trends in Intelligent and Distributed Technologies (nCRTIDT 2014) conducted by Park College of Engineering and Technology, Coimbatore.
3. D. Balakrishnan, **“Implementation of Genetic OFCR Mechanisms for Multiport Devices”**, 2<sup>nd</sup> National Conference on Innovative and Emerging Trends in Engineering and Technology (NCIETET-2015) conducted by Panimalar Institute of Technology, Chennai.
4. D. Balakrishnan, **“Performance Evaluation of Different Routing Protocols in Mobile Adhoc Networks”**, National Conference on Innovations in Engineering and Management (NCIEM-2018) conducted by Info Institute of Engineering, Coimbatore.
5. D. Balakrishnan, **“Workflow Management With Realtime Tasks Oriented Energy Aware Scheduling in Virtualized Clouds”**, 7<sup>th</sup> National Conference on Networking and Communication Systems (NCS’19) conducted by Excel Engineering College, Namakkal.
6. D. Balakrishnan, **“An Web Application for Coding Aspirants and Geeks”**, Seventh National Conference on Networking, Intelligence & Computing (NCNIC 2020) conducted by CSI – KEC Student Chapter, Kongu Engineering College, Erode.

### **AWARDS**

1. Won **“Best Paper Award”** in the 2<sup>nd</sup> National Conference on Innovative and Emerging Trends in Engineering and Technology (NCIETET-2015) conducted by Panimalar Institute of Technology, Chennai.

## **PROPOSALS SUBMITTED TO FUNDING AGENCY**

<b>S. No.</b>	<b>Title of the Programme</b>	<b>Funding Agency</b>	<b>Grant Requested (in Rs.)</b>	<b>Scheme of Proposal</b>	<b>Year</b>
1	Cyber Forensics and its Applications	ISRO	1,00,000	Seminar	2017 – 2018
2	High Performance Computing using GPU	TNSCST	49,000	Seminar	2018 – 2019
3	Self Sufficient Tamilnadu for water needs	TNSCST	42,000	Popularization of Science Activities	2018 – 2019
4	Blockchain Technologies and its Applications	ISRO	1,40,000	Seminar	2019-2020
5	Blockchain Technology in Connected Health Care	ICMR	1,00,000	Workshop	2019-2020
6	Intellectual Property Rights (IPRs)	CFD, Anna University	30,000	FDTP	2021-2022

## **PROGRAMMES ORGANIZED**

1. Organized Two Days Eye Screening Camp on Sep 18 & 19, 2017
2. Organized one day Health Awareness Programme titled “FUEL YOUR HEART” Oct 20, 2017
3. Organized one week First Aid Training Programme Starts from Feb 06 2018 to Feb 15, 2018
4. Organized one day yoga training on Mar 06, 2018
5. Organized One day Workshop titled “BLOCKCHAIN ARCHITECTURE” Sep 07, 2019
6. Organized Five days FDTP titled “Web Technology” from May 27 to 31, 2019
7. Organized one day seminar titled “DevOps & Cloud technology” on July 20, 2019
8. Organized Various UBA Activities at adopted villages
9. Organized one day webinar titled “Get Set Go” on Aug 01, 2020
10. Organized one day webinar titled “Entrepreneurial Opportunities in Digital Marketing” on Sep 25, 2021
11. Organized one day webinar titled “வீட்டுத்தோட்டத்தில் பாரம்பரிய விதைகள்” on Feb 02, 2022

## **WORKSHOPS, SEMINARS AND FDP ATTENDED**

1. Participated in Six Days Online Faculty Development Program on **“Cybersecurity Infrastructure Configuration (Online Live FDP)”** conducted by ICT Academy on 20 Sep 2021 to 24 Sep 2021
2. Participated in Five Days Faculty Development Program on **“Framework for Online Assessment”** Sponsored by AICTE- ATAL conducted by National Institute of Technical Teachers Training & Research, Chennai during 12<sup>th</sup> July 2021 to 16<sup>th</sup> July 2021
3. Completed a Lead Auditor Course on **“Environment Management System, Green Campus Audit, Energy Audit and Hygiene Audit”** to Educational Institutions and Industrial sectors organized by the Nature Science Foundation, Coimbatore during 31<sup>st</sup> May 2021 to 04<sup>th</sup> June 2021
4. Participated in Five Days Faculty Development Program on **“Blended Learning & Flipped Classroom”** Sponsored by AICTE- ATAL conducted by National Institute of Technical Teachers Training & Research, Chandigarh during 31<sup>st</sup> Aug 2020 to 04<sup>th</sup> Sep 2020
5. Participated in Six Days Online Faculty Development Program on **“Digital Marketing (Online Live FDP)”** conducted by ICT Academy on 15 Jun 2020 to 20 Jun 2020
6. Attended a One Day Webinar on **“Research Article writing and Publishing in Good Impact Journal”** at IFERP on 13<sup>th</sup> June 2020
7. Participated in Five Days Online Faculty Development Programme on **“Recent Trends in Computing and Research Methodology Competency”** at Jayamukhi Institute of Technological Sciences, Warangal, during 05<sup>th</sup> to 09<sup>th</sup> June 2020
8. Attended a One Day International Webinar on **“Science and Engineering for Nature Conservation”** at J. C. Bose University Of Science and Technology YMCA, Faridabad on 05<sup>th</sup> June 2020
9. Attended a Two Days Webinar on **“Data Driven Innovation”** at Sathyabama Institute of Science and Technology, Chennai on 02<sup>th</sup> & 04<sup>th</sup> June 2020
10. Participated in Five Days Faculty Development Program on **“Augmented Reality (AR)/ Virtual Reality (VR)”** Sponsored by AICTE- ATAL conducted by University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra during 25<sup>th</sup> to 29<sup>th</sup> May 2020
11. Participated in Panel Discussion on **“Copyright issues in Online Teaching & Learning”** Organized by Internship and Placement Committee, Dr Ram Manohar Lohiya National Law University as part of the National Webinar Series Programme-2020, on May 24, 2020
12. Participated in Five Days Hands on Faculty Development Program on **“Data Science using Python”** conducted by Jeppiaar Institute of Technology, Chennai during 18<sup>th</sup> to 22<sup>nd</sup> May 2020
13. Participated in Five Days Online Faculty Development Program on **“Introduction to Data Science”** conducted by Guntur Engineering College, Kakinada during 18<sup>th</sup> to 22<sup>nd</sup> May 2020

14. Attended a One Day Webinar on **“Deep Dive in Digital Disruptive Technologies (IOT/AI/ML/DL)”** at Akshaya College of Engineering and Technology, Coimbatore on 21<sup>st</sup> May 2020
15. Attended a One Day Webinar on **“The Scope of Cyber Security”** at Jeppiaar Institute of Technology, Chennai on 14<sup>th</sup> May 2020
16. Participated in Two Days Online Faculty Development Program on **“RDBMS PostgreSQL”** conducted by Vellore Institute of Technology, Chennai during 09<sup>h</sup> to 10<sup>th</sup> May 2020
17. Participated in International Eco Club Student Chapter Meet Conducted by Nature Science Foundation, Coimabtoe on 01<sup>st</sup> Feb 2020
18. Participated in One Day Webinar on **“Virtual and Augmented Reality”** at Vivekanandha College for Women, Tiruchengode on 07<sup>th</sup> May 2020
19. Participated in Two Days National Workshop on **“Socially Relevant Technical Education: Exploring Cooperation Oriented Action”** at NITTTR, Chennai, during 06<sup>th</sup> to 07<sup>th</sup> December 2019
20. Participated in Three Days Faculty Development Programme on **“Teaching Learning Process”** at IIT, Madras, during 16<sup>th</sup> to 18<sup>th</sup> October 2019
21. Participated in Three Days Workshop on **“Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes”** at KSR Institute for Engineering and Technology, Tiruchengode, during 19<sup>th</sup> to 21<sup>st</sup> November 2019
22. Participated in Two days National Workshop on **“Publishing Articles in SCI Indexed Journals and Filing IPR”** at KSR Institute for Engineering and Technology, Tiruchengode, during 25<sup>th</sup> to 26<sup>th</sup> July 2019
23. Participated in Two Weeks Faculty Development Programme on **“Artificial Intelligence Techniques In Data Analytics And Information Retrieval”** at Bannari Amman Institute of Technology, Erode, during 03<sup>rd</sup> to 16<sup>th</sup> June 2019
24. Participated in One Week Faculty Development Programme on **“Programming in C++”** conducted by NPTEL-AICTE during Jan-Mar 2019
25. Participated in Two Days Faculty Development Programme on **“Introduction to PHP Programming”** conducted by ICT Academy during 27<sup>th</sup> to 28<sup>th</sup> September 2018
26. Participated in **One-Day Training Programme for RRC Programme Officers & Student Volunteers** Sponsored by Tamil Nadu State Aids Control Society (TANSACS) and conducted by RRC of Anna University Regional Campus Coimbatore on 24<sup>th</sup> Mar 2018
27. Attended a One Week Faculty Development Training Programme on **“IT6007- Free and Open Source Software”**, at K S R College of Engineering, Tiruchengode during 01<sup>st</sup> to 5<sup>th</sup> and 19<sup>th</sup> & 20<sup>th</sup> December 2016
28. Participated in Three Days Hands-On Training on **“Grid and Cloud Computing”** at Info Institute of Engineering, Coimbatore during 17<sup>th</sup> to 19<sup>th</sup> Sep 2016
29. Attended a Two Days Faculty Development Programme on **“Graph Theory and its Application”**, at Velalar College of Engineering and Technology, Erode during 25<sup>th</sup> to 26<sup>th</sup> May 2016

30. Attended a One Day Faculty Development Programme on “**Mobil Application Development Laboratory**”, at K S R Institute for Engineering and Technology, Tiruchengode on 19<sup>th</sup> December 2015
31. Participated in Two Days National Level Seminar on “**Research Challenges in Mobile Computing**” Sponsored by Tamilnadu State Council for Higher Education held on 27<sup>th</sup> & 28<sup>th</sup> July 2015 at Hindusthan College of Arts & Science
32. Participated in International Seminar on “**Recent Trends in Wireless Communication and Networking**” by Dr. Hong Shen, Professor, School of Computer Science, University of Adelaide, Australia held on 17<sup>th</sup> December 2014 at Maharaja Engineering College for Women

### **INVITED TALKS**

1. Titled “Fundamentals of Data Structures in C” in one day Virtual Guest Lecture on 08.10.2020 at Info Institute of Engineering, Coimbatore

### **BOOKS PUBLISHED**

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1	Supply Chain Management	Dr. B. Kalaavathi D. Balakrishnan R. Sathya Priya	ARS Publications, Chennai	2021

### **MEMBERSHIP IN PROFESSIONAL BODIES**

1. ISRD
2. IAENG
3. IFERP

### **CERTIFICATIONS**

#### **NPTEL**

1. Introduction to Programming in C - IIT, Kanpur
2. Programming in C++ - IIT, Kharagpur

#### **IITBombayX**

1. Programming Basics – IITBombayX
2. Object-Oriented Programming – IITBombayX

#### **AICTE Sponsored**

1. Digital Marketing - Globsyn Business School
2. Industry 4.0 - Globsyn Business School

**Name** S.NANDHAGOPAL

**Designation & Department** ASSISTANT PROFESSOR & INFORMATION TECHNOLOGY

**Qualification** M.E(CSE)

**Area of Specialization** DATA MINING

**Date of Joining (KSR IET)** 01-06-2018



**Experience (as on 01.01.2018)** Teaching:4.5      Industry:00      Others: 1.8 years

**Number of Papers Published** National Journals : 00      International Journals : 00

**Number of Papers Presented** National Conferences : 02      International Conferences : 01

**Books Published** National Publisher : 00      International publisher : 00

**Contact Details** E Mail: nan.ecs1@gmail.com      Mobile:9787677167

### **Publications (International Conferences)**

1. Presented “Image clustering Using Agglomerative Algorithm” -International Conference in innovations in science, Engineering and Technology for Sustainable Development at Muthayammal Engineering College.

### **Publications (National Conferences)**

1. Presented “Image Clustering Using Agglomerative Algorithm” NVRTCSIT’14 held at Ranganathan Engineering College, Coimbatore.
2. Presented “Novel Privacy Measure for Data Publishing”-NCAC’13 held at United Institute of Technology, Coimbatore.

### **Membership in Professional Bodies**

1. Indian Society for Technical Education (ISTE)

## **Subject link**

### **Design and Analysis of Algorithms**

#### **UNIT 1- INTRODUCTION**

<https://bit.ly/2R5NRYZ>

#### **UNIT 2- BRUTE FORCE AND DIVIDE-AND-CONQUER**

<https://bit.ly/2RMSgVY>

#### **UNIT 3- DYNAMIC PROGRAMMING AND GREEDY TECHNIQUE**

<https://bit.ly/2AXIqpS>

#### **UNIT 4- ITERATIVE IMPROVEMENT**

<https://bit.ly/2CIdeuD>

<https://bit.ly/2sL0pv7>

#### **UNIT 5- COPING WITH THE LIMITATIONS OF ALGORITHM POWER**

<https://bit.ly/2R9tp9J>

### **Object oriented programming**

#### **UNIT 1- INTRODUCTION TO OOP AND JAVA FUNDAMENTALS**

<https://bit.ly/2FXKBNh>

#### **UNIT 2- INHERITANCE AND INTERFACES**

<https://bit.ly/2RKuM3O>

#### **UNIT 3 - EXCEPTION HANDLING AND I/O**

<https://bit.ly/2Rbiufl>

#### **UNIT 4 - MULTITHREADING AND GENERIC PROGRAMMING**

<https://bit.ly/2FKKoxS>

#### **UNIT 5- EVENT DRIVEN PROGRAMMING**

<https://bit.ly/2Tba4GP>

**Name** N.RENUKA  
**Designation & Department** ASSISTANT PROFESSOR  
INFORMATION TECHNOLOGY

**Qualification** M.TECH (IT)

**Area of Specialization** MACHINE LEARNING & DEEP LEARNING

**Date of Joining (KSR IET)** 01-07-2021

**Experience** Teaching: 07 Months

**Number of Papers Published** International Journals 03

**Number of Papers Presented** National Conferences: 02  
International Conferences: 01

**Number of Book Chapter Published** Scopus Index: 01



**Contact Details** E Mail: [renuka66ksr@ksriet.ac.in](mailto:renuka66ksr@ksriet.ac.in)

Mobile: 8610949712

### **Publications (Journal Publication)**

- Published Research Paper “PLANT LEAF DISEASES DETECTION USING DEEP LEARNING” in International Journal of All Research and Scientific Methods (IJARESM), March-2021.
- Published Research Paper “A SURVEY ON DIABETES DISEASES PREDICTION USING DATA MINING TECHNIQUES” in International Journal of Research and Analytical Reviews (IJRAR), June-2020.
- Published Research Paper “BLOCK CHAIN TECHNOLOGY BASED VOTING SYSTEM USING IRIS RECOGNITION TECHNIQUES” in Journal of Computational and Theoretical Nanoscience, March-2021.

### **National Conferences**

- Presented Paper “SMART ENERGY MANAGEMENT SYSTEM USING IOT” in National Conference on Vivekanandha College of Engineering for Women.
- Presented Paper on “NATIONAL CONFERENCE ON CRYPTOGRAPHY & NETWORK SECURITY – 2021” at IIMT College of Engineering.



### **International Conferences**

- Presented Paper "HEALTH PREDICTION SYSTEM USING DATA MINING TECHNIQUES" in International Conference On Emerging Trends In Engineering and Management on Dhanalakshmi Srinivasan College of Engineering.

### **Publications (Book chapter)**

- Published Book chapter "BLOCK CHAIN FOR TRANSPARENT, PRIVACY PRESERVED AND SECURE HEALTH DATA MANAGEMENT" in Elsevier Scopus Index Series, June -2021.

### **Faculty Development Program/ Workshops**

- Attended VLAB FDP, organized by PALS – IIT Madras during the year August 2021.
- Attended ATAL FDP on "Cyber Security & Cryptography: Trends and Technologies", organized by Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram during October 2021.
- Attended Two Days Online Hands-on Training on "Amazon Web Services" at Kongu Engineering College, during December 2021.
- Attended Workshop on "Building Cloud Native Applications" at PSG Institute of Technology and Applied Research – Dept CSE, during January 2022.
- Attended 6 Days AU-FDP on "Computational Intelligence", organized by Sri Ramakrishna Engineering College during January 2022.
- Attended Workshop on "Outcome Based Education & Assessment of CO-PO Attainment" at KSR Institute for Engineering and Technology, Tiruchengode, during September 2021.

### **International Webinars**

- Attended an International Webinar on "Decision Science and Intelligence in the Context of an AI/ML Driven World", organized by PSG Institute of Technology and Applied Research, Coimbatore during December 2021.

### **NPTEL COURSES COMPLETED**

- Certificate awarded for successfully completing the long term course on "Deep Learning" from NPTEL conducted by IIT, Kharagpur from January – April 2020.
- Certificate awarded for successfully completing the long term course on "PYTHON FOR DATA SCIENCE " from NPTEL conducted by IIT, Kharagpur from August – September 2019.

- Certificate awarded for successfully completing the long term course on "BIG DATA COMPUTING" from NPTEL conducted by IIT, Kharagpur from August – October 2021.

### **CERTIFICATION COURSES**

- Participated in IBM CE – “Software Foundation Course – Advanced” in VIETW
- Certificate for Completion of “CPP Training” from IIT BOMBAY
- Participated in FDP “C and CPP” organized by Jaywantrao Sawant polytechnic in Association with Spoken Tutorial IIT Bombay from April –May.
- Certificate of Participation SEN-MAT 2020 (online) in Sengunthar Management Aptitude test from Sengunthar Engineering College.
- Certificate of Participation webinar in “Machine Learning” organized by Vivekanandha College of Technology for Women.
- Certificate for Completion of “Introduction to Artificial Intelligence” online course offered by NPTEL.
- Certificate for Completion of “Introduction to IOT” online course offered by ICT Academy.
- Certificate for Completion of “Cyber Security Essentials” online course offered by ICT Academy.
- Certificate for Completion of “Intro to data and data science” online course offered by 365 Data Science.
- Certificate for Completion of “Deep Learning with Tensor Flow” online course offered by 365 Data Science.

## PROFILE

**Name** R.NARESH

**Department** IT

**Qualification** M.E(CSE)

**Area of Specialization** Data Mining

**Date of Joining (KSR IET)** 02-06-2014



**Experience**      **Teaching:7.8**      **Industry:1.8**      **Others: 00**

**Number of Papers Published**      **National Journals : 00**      **International Journals : 00**

**Number of Papers Presented**      **National Conferences : 00**      **International Conferences : 00**

**Books Published**      **National Publisher : 00**      **International publisher : 00**

**Contact Details**      **E Mail: [r.nareshcse@gmail.com](mailto:r.nareshcse@gmail.com)**      **\_Mobile: 9790235784**

### **Publications (International Journals)**

1. NIL

### **Publications (National Journals)**

1. NIL

### **Faculty Development Program/ Workshops**

- Attended Data Structures online FDP, organized by Vellammal Engineering College during April 2020
- Attended Practical Applications of Deep Learning using Python Libraries online STTP, organized by Kongu Engineering College during May 2020

- Attended Managing Online Classes and Co-Creating MOOCs Two Weeks FDP, organized by Ramanujan College(University of Delhi) during May 2020
- Attended Robotics online FDP, organized by Motilal Nehru National Institute of Technology, Allahabad during November 2020
- Attended An Effective Pedagogy Practice AICTE-ISTE Induction/Refresher Program, organized by K.L.N. College of Engineering March 2021
- Attended Research Skill Development Online FDP organized by Sathyabama Institute of Science and Technology August 2020
- Attended Computational Intelligence and its Applications online FDP, organized by KSRM College of Engineering August 2021
- Attended Computational Intelligence and its Applications online FDP, organized by Sri Ramakrishna Engineering and College January 2022

**Name** N.KANNAN  
**Department** INFORMATION TECHNOLOGY  
**Qualification** M.E(CSE)  
**Area of Specialization** SOFTWARE ENGINEERING  
**Date of Joining (KSR IET)** 25-02-2021



**Experience** **Teaching: 5 months**

**Number of Papers Published** **International Journals: 00**

**Number of Papers Presented** **National Conferences: 00** **International Conferences: 00**

**Contact Details** **E Mail: kannanmese@gmail.com**  
**Mobile: 637969874**

**INTERNATIONAL JOURNALS**

NIL

**INTERNATIONAL CONFERENCES**

NIL

**Name** P.Keerthana

**Designation & Department** ASSISTANT PROFESSOR  
INFORMATION TECHNOLOGY



**Qualification** M.E

**Area of Specialization** Image Processing

**Date of Joining (KSR IET)** 19-12-2019

**Experience** **Teaching:** 4.5 Years

**Industry:** Nil

**Number of Papers Published** **National Journals:** Nil

**International Journals:** 05

**Number of Papers Presented** **National Conference:** 01

**International Conference:** 07

**Books Published** Nil

**Contact Details** **E Mail:** Keerthanabtechme@gmail.com

**Mobile:** 9677805384

#### INTERNATIONAL JOURNAL

1. Published a paper on “**T-TRACKING ALGORITHM FOR DATA TRACKING IN WIRELESS SENSOR NETWORKS**” in IJESRT, ISSN: 2277-9655, Volume 7,2018
2. Published a paper on “**NETWORK CAPACITY BASED GEOGRAPHICAL QOS ROUTING FOR MULTIMEDIA STREAMS OVER MANET**” in IJESRT, ISSN: 2277- 9655, Volume 7, 2018
3. Published a Research Paper on “**INFRASTRUCTURE CLOUD USING VIRTUAL MACHINE**” in INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY, Volume 5, Special Issue 9, May 2016, DOI:10.15680/IJIRSET.2016.0506501.
4. Published a Research Paper on “**CRUSTOSE USING SHAPE FEATURES AND COLOR HISTOGRAM WITH K - NEAREST NEIGHBOURCLASSIFIERS**” in INTERNATIONALJOURNAL OF FUTURE INNOVATIVE SCIENCE AND ENGINEERING RESEARCH, Volume 3, Issue 1, March 2017, ISSN (Online):2454- 1966.
5. Published a Research Paper on “**A HYBRID MODEL FOR LOAD BALANCING IN CLOUD USING FILE TYPE FORMATTING**” in INTERNATIONAL JOURNAL OF ADVANCE RESEARCH IN SCIENCE AND ENGINEERING, Volume No. 10, Issue No. 04, April 2021, ISSN (Online):2319-8354.

#### NATIONAL CONFERENCE

1. Ms.P.Keerthana, Ms.Gayathri, “**T-TRACKING ALGORITHM FOR DATA TRACKING IN WIRELESS SENSOR NETWORKS**” in 2nd National Conference on CEIET-2019 organized by Cheran College of Engineering, Karur
2. Ms.P.Keerthana, Ms.Karthika, Ms.Karkuzhali and Ms.Kowsalya “**STUDENT GRIEVANCE SUPPORTED SYSTEM**” in National Conference on Challenges and Oppurtunities in Industry 4.0 (COIN-2020) organized by KSR Institute for Engineering and Technology, Tiruchengode.

#### INTERNATIONAL CONFERENCE

1. Ms.P.Keerthana, Dr.B.G.Geetha, “**INFRASTRUCTURE CLOUD USING VIRTUAL MACHINE**” in International Conference on Emerging Trends in Engineering Organized by NMAM Institute of Technology at Karnataka.
2. Ms.P.Keerthana, Dr.B.G.Geetha and Ms.Kanmani “**CRUSTOSE USING SHAPE FEATURES AND COLOR HISTOGRAM WITH K-NEAREST NEIGHBOUR CLASSIFIER**” in International Conference on Electrical, Electronics and Computer Engineering organized by Vivekananda College of Engineering for Women at Tiruchengode.

- Ms.P.Keerthana, Mrs.M.Agalya, “**ANALYSE FEATURES OF LICHEN USING COLOR HISTOGRAM WITH K-NEAREST NEIGHBOUR CLASSIFIER**” in 5<sup>th</sup> International Conference on latest trends in science Engineering and Technology Organized by Karpagam Institute of Technology at Coimbatore (Indexed in **GOOGLE** Scholar).
- Ms.P.Keerthana, Mr.S.Arun Prasath, “**IDENTIFY PATTERN RECOGNITION OF IMAGE USING K- NEAREST NEIGHBOUR CLASSIFIER**” in 5<sup>th</sup> International Conference on latest trends in science Engineering and Technology Organized by Karpagam Institute of Technology at Coimbatore (Indexed in **GOOGLE** Scholar).
- Ms.P.Keerthana, Ms.Karthika, Ms.Karkuzhali and Ms.Kowsalya “**STUDENT GRIEVANCE SUPPORTED SYSTEM**” in International Conference on Engineering and Technology organized by Selvam College of Technology at Namakkal.
- Ms.P.Keerthana, Mr.S.Girinath, Mr.R.Kalidass, Mr.G.Naveen Kumar and Mr.V.Sathish Kumar “**A TIME SERIES MINING APPROACH FOR AGRICULTURAL AREA DETECTION**” in International Conference on Challenges and Opportunities for Innovation in New Normal Scenario in Organized by K S R Institute for Engineering and Technology at Tiruchengode.
- Mr.K.S.Keerthivarma, Mr.A.Manikandan, Mr.G.Mounish, Mr.G.R.Rajaraveendhar and Ms.P.Keerthana “**A HYBRID MODEL FOR LOAD BALANCING IN CLOUD USING FILE TYPE FORMATTING**” in International Conference on Challenges and Opportunities for Innovation in New Normal Scenario in Organized by K S R Institute for Engineering and Technology at Tiruchengode.

### **BOOKS PUBLISHED**

S. No.	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
Nil				

### **PROPOSALS SUBMITTED TO FUNDING AGENCY**

S. No.	Title of the Programme	Funding Agency	Grant Requested (in Rs.)	Scheme of Proposal	Year
Nil					

### **NPTEL COURSES COMPLETED**

Nil

### **SUBJECT LINKS**

#### **Object Oriented Analysis and Design**

[https://drive.google.com/file/d/127oz1ww\\_jQRH-i2U0mL-jBYxdD123Efc/view?usp=sharing](https://drive.google.com/file/d/127oz1ww_jQRH-i2U0mL-jBYxdD123Efc/view?usp=sharing)  
<https://drive.google.com/file/d/1HnD5qHWSTP-OVq6ESIRxCHU1Y0AVHAAAt/view?usp=sharing>  
<https://drive.google.com/file/d/1aybHNWk08TbxvOOKJ2ycRxb-QoJ5HMTN/view?usp=sharing>  
<https://drive.google.com/file/d/1UBMRXkwBIYItjiiz-AFMlkinEXof-d3s/view?usp=sharing>  
<https://drive.google.com/file/d/1LeICx1C8sWgdoVtbqGmd4ARQZ-Uvzyfq/view?usp=sharing>

#### **Problem Solving and Python Programming**

[https://docs.google.com/document/d/1dDvEzn\\_auqF57n6Z8Pjr1ZmdPJNkbusD/edit?usp=sharing&oid=105626054326701429981&rtpof=true&sd=true](https://docs.google.com/document/d/1dDvEzn_auqF57n6Z8Pjr1ZmdPJNkbusD/edit?usp=sharing&oid=105626054326701429981&rtpof=true&sd=true)  
<https://docs.google.com/document/d/1TEHbRhXwDHDQplxHQ11dCVDGsTKnX18/edit?usp=sharing&oid=105626054326701429981&rtpof=true&sd=true>  
<https://docs.google.com/document/d/1C3hG4Unsv5cIqPsq9E5ksDxaFzfz6puP/edit?usp=sharing&oid=105626054326701429981&rtpof=true&sd=true>  
<https://docs.google.com/document/d/11Z5fpozQfgC7HUwY3jSQ8WUwz514xZXL/edit?usp=sharing&oid=105626054326701429981&rtpof=true&sd=true>  
<https://docs.google.com/document/d/1ZS5QxjDx2A2pRHexSpLP6nrm3v0ePnWM/edit?usp=sharing&oid=105626054326701429981&rtpof=true&sd=true>

### **FACULTY DEVELOPMENT PROGRAM ATTENDED**

- Attended **Recent Advancements in Deep Learning**, organized by Anurag Engineering College during February 2022
- Attended **Computational Intelligence**, organized by Sri Ramakrishna Engineering and College during January 2022

3. Attended **Challenges and Opportunities of Data Science in Smart Healthcare: Turning Data into Clinical Intelligence** AICTE-AQIS Sponsored FDP, organized by K.S.Rangasamy College of Technology during April 2021
4. Attended **Emerging Technology of Fourth Industrial Revolution (4IR)**, organized by SRM Institute of Science and Technology during June 2020
5. Attended **Machine Learning with Python in Data Science – Applications and Research Perspectives** STTP, organized by SRM Institute of Science and Technology during October 2020
6. Attended **Research Skill Development**, organized by Sathyabama Institute of Science and Technology during August 2020
7. Attended **Robotics - An Application in Medical Science** AICTE-ATAL Sponsored FDP, organized by Maulana Azad National Institute of Technology during December 2020
8. Attended **E-learning Resource Creation - A Beginning towards new Era of Elearning**, organized by D.Y.Patil College of Engineering and Technology during June 2020
9. Attended **Practical Approach for Data Science** STTP, organized by R.N.G. Patel Institute of Technology during June 2020
10. Attended **Machine Learning and Artificial Intelligence in Data Science**, organized by PACE Institute of Technology and Sciences during December 2020
11. Attended **Internet of Things(IoT)** AICTE sponsored ATAL Online FDP, organized by Army Institute of Technology during November 2020
12. Attended **Robotics** AICTE sponsored ATAL Online FDP, organized by Motilal Nehru National Institute of Technology, Allahabad during November 2020
13. Attended **Cyber Security** AICTE sponsored ATAL Online FDP, organized by National Institute of Technology, Nagaland during June 2020
14. Attended **Research Opportunities in Image Processing and Machine Learning**, organized by Chaitanya Bharathi Institute of Technology during June 2020
15. Attended **IOT & Machine Learning**, organized by G Pulla Reddy Engineeringa College during June 2020
16. Attended **Computer Vision using Convolutional Neural Networks**, organized by Anurag University & BlackBucks during June 2020
17. Attended **Two Weeks FDP on Managing Online Classes and Co-Creating MOOCs**, organized by Ramanujan College(Unive rsity of Delhi) during April/May 2020
18. Attended **Data Sciences** AICTE sponsored ATAL Online FDP, organized by IIIT Nagpur during April 2020
19. Attended **Artificial Intelligence** AICTE sponsored ATAL Online FDP, organized by University Institute of Engineering and Technology Kurukshetra University, during May 2020
20. Attended **Artificial Intelligence**, organized by Sathyabama Institute of Science and Technology during June 2020
21. Attended **Artificial Intelligence and Machine Learning**, organized by CMR Technical Campus, Telangana during May 2020
22. Attended **ICT Tools in Education Using Moodle**, organized by PACE Institute of Technology and Sciences during May 2020
23. Attended **Innovative Trends In Engineering And Technology**, organized by Shree L R Tiwari College of Engineering during May 2020
24. Attended **Python 3.4.3**, organized by Government of Polytechnic Awasari during May 2020
25. Attended **Data Science and Research Opportunities**, organized by Sri Ramakrishan College of Arts and Science during May 2020
26. Attended **ICT Tools in Teaching**, organized by K S R College of Engineering during February 2020
27. Attended **Two Weeks FDP on Online Teaching – Learning and Research Methodology**, organized by Government P.G. College during July 2020



28. Attended **NBA Preparation & CO PO Mapping**, organized by SVPM's College of Engineering during June 2020
29. Attended **Performance Measurement and Testing in Big Data Architecture and Cloud Infrastructure**, organized by Sathyabama Institute of Science and Technology during June 2020
30. Attended **Virtual Labs**, organized by PALS-VLABS 2020-21 INITIATIVE with NITK Surathkal during September 2020

#### **TRAINING PROGRAMME ATTENDED**

1. Successfully Completed Python Skills, organized by Centre for University – Industry Collaboration (CUIC), Anna University during June 2020

#### **WORKSHOP ATTENDED**

1. Attended **Ethical Hacking**, organized by Sengunthar College of Engineering during May 2020
2. Attended **Big Data Analytics**, organized by SSN College of Engineering during May 2020

**Name** P.S.PRAKASH KUMAR  
**Designation & Department** ASSISTANT PROFESSOR & INFORMATION TECHNOLOGY  
**Qualification** M.E(CSE)  
**Area of Specialization** WIRELESS SENSOR NETWORKS  
**Date of Joining (KSR IET)** 03-06-2013



**Experience** **Teaching:9 Years**

**Number of Papers Published** **International Journals : 01**

**Number of Papers Presented** **National Conferences : 02** **International Conferences : 04**

**Contact Details** **E Mail:** psprakashkumar39@gmail.com **Mobile:** 9944716181

### **Publications (International Conferences)**

1. Presented "An Energy Efficient Technique for object tracking in Wireless Sensor Network", CSNT, 2013, Gwalior.
2. Presented "Design of smart home environment monitoring system based on Raspberry Pi", ICMSC'15 at Karpagam College of Engineering on 15 and 16 OCT 2015.
3. Presented "Cache Invalidation Mechanisms For Maintaining Cache Consistency", ICETSET 4<sup>th</sup> and 5<sup>th</sup> -March-2016, Nandha College of Technology, Erode, .
4. Presented "Intelligence of Safeguard Security based on IOT" -International Conference in innovations in science and Engineering and Technology for Sustainable Development at Muthayammal Engineering College.

### **Publications (National Conferences)**

1. Presented "Object Tracking in Wireless Sensor Networks for Optimizing the Energy using Predictive Technique ", NCFCSCT 2013, Sri Ramakrishna Engineering College, Coimbatore, 2013.

2. Presented “Integrating and data cleaning on NOSQL”, Computing and Information Systems 2015, Kongu engineering College, 06.02.15 to 07.02.15.

## **Membership in Professional Bodies**

1. Indian Society for Technical Education (ISTE)

## **Subject link**

## **PROBLEM SOLVING AND PYTHON PROGRAMMING**

Algorithmic Problem Solving : <http://bit.do/eGyvA>  
Data, Expressions, Statements: <http://bit.do/eGyvM>  
Control Flow, Functions: <http://bit.do/eGyvT>  
Lists, Tuples, Dictionaries: <http://bit.do/eGyv6>  
Files, Modules And Packages: <http://bit.do/eGywb>

## **PROFESSIONAL ETHICS IN ENGINEERING**

### **HUMAN VALUES**

[https://drive.google.com/file/d/1yKoJbAFeuVOWnwb1J6ht2JZWnky2\\_IF/view?usp=sharing](https://drive.google.com/file/d/1yKoJbAFeuVOWnwb1J6ht2JZWnky2_IF/view?usp=sharing)

### **ENGINEERING ETHICS**

<https://drive.google.com/file/d/176Qp14x0i0ixZxjIVEXXUeKaXfLUcBs6/view?usp=sharing>

### **ENGINEERING AS SOCIAL EXPERIMENTATION**

<https://drive.google.com/file/d/1n0E1hsYk8FdNKwz0iSzBcLWBy1XGplUA/view?usp=sharing>

### **SAFETY, RESPONSIBILITIES AND RIGHTS**

<https://drive.google.com/file/d/1fajpBpRHEslq66VDJMWAEzgJWNingKk6/view?usp=sharing>

### **GLOBAL ISSUES**

[https://drive.google.com/file/d/1CHlgm34VuQN-y0\\_XcNhN5I-muYXdjmlc/view?usp=sharing](https://drive.google.com/file/d/1CHlgm34VuQN-y0_XcNhN5I-muYXdjmlc/view?usp=sharing)

## **NPTEL COURSES COMPLETED**

1. Introduction to modern application Development
2. Wireless Ad Hoc Sensor Networks

**Name** S.S.RAMYADHARSHNI  
**Department** INFORMATION TECHNOLOGY  
**Qualification** M.E(CSE)  
**Area of Specialization** MACHINE LEARNING  
**Date of Joining (KSR IET)** 02-01-2020



**Experience** Teaching: 2.7 Years

**Number of Papers Published** International Journals : 02

**Number of Papers Presented** National Conferences : 00 International Conferences : 02

**Contact Details**  
E Mail: ramyasakthi05@gmail.com  
Mobile: 8675235355

### INTERNATIONAL JOURNALSS

- S.S. Ramyadharshni and Dr.P. Pabitha "TOPIC CATEGORIZATION ON SOCIAL NETWORK USING LATENT DIRICHLET ALLOCATION " Bonfring International Journal of Software Engineering and Soft Computing, Vol. 8, No. 2, pp 16-20 DOI: [10.9756/BIJSESC.8390](https://doi.org/10.9756/BIJSESC.8390), April 2018.
- S.S. Ramyadharshni and M.Prakash "ENHANCING QOS IN MAC LAYER FOR IOT ENABLED MULTIHOP MOBILE NETWORKS" International Journal of Advance Research, Ideas and Innovations in Technology, Vol. 6, No 3, pp 651 – 656 June 2020.

### INTERNATIONAL CONFERENCES

- International conference on Information and Comptutational Science(ICICS'2018) organised by information technology and computer society of india "TOPIC CATEGORIZATION ON SOCIAL NETWORK USING LATENT DIRICHLET ALLOCATION" at K.S.R college of engineering, Tiruchengode
- International Conference on Information Systems and Software Engineering (ICISSE'21) Organized by the Department of Computer Science Engineering " AN ENHANCED NOVEL OPTIMAL ALLOCATION(NOAA) ALGORITHM FOR IMPROVISING STORAGE AND ACCESS OF ARCHIVED DATA USING BLOCK CHAIN" at

### **WORKSHOPS AND SEMINARS**

- Participated in a Three day workshop on the topic of "**Machine Learning Techniques, Tools and Application** " organized by Department of Computer Science and engineering, CEG Campus, Anna University, Chennai.
- Participated in a Two day workshop on the topic of "**Network Security**" organized by Department of Computer Science ,Rathinam college,coimbatore.
- Participate in a One day workshops inon the topic of "**Hands on Training in Google Apps for Education**" organized by Department of computer Science and Engineering , Vidyaa Vikas College Of Engineering And Technology
- Participated in a one day seminar on the topic of "**Network Security and Ethical Hacking**"organized by prompt Infotech-coimbatore
- 

### **CERTIFICATIONS**

#### **NPTEL**

- Certificate awarded for successfully completing the long term course on " **Industrial Internet on Things 4.0**" from **NPTEL** conducted by **IIT, Kharagpur** from **January - April 2019**.
- Certificate awarded for successfully completing the long term course on "**Deep Learning**" from **NPTEL** conducted by **IIT, Kharagpur** from **July - September 2018**.
- **Oracle Developer** Certification from Greens Technology, Adyar.
- **.NET Programming** Certified from C CUBES Technologies.

**Name** SELVAPRABHU T  
**Designation & Department** ASSISTANT PROFESSOR  
INFORMATION TECHNOLOGY  
**Qualification** B.TECH(IT),M.E(CSE),  
**Area of Specialization** DATA ANALYTICS & NETWORKS  
**Date of Joining (KSR IET)** 12-08-2021  
**Experience** **Teaching:10**



**Number of Papers Published** **International Journals :5**  
**Number of Papers Presented** **National Conferences :08** **International Conferences : 02**

**Contact Details** **E Mail ID: selvaprabhut@yahoo.co.in** **Mobile: 9994114070**

### **Publications (National Conference)**

1. Presented Paper on “Enhanced Nearer Neighbor Searching Spatial Database using OLS Technique” at KSR College of Technology, Tiruchengode.
2. Presented Paper on “QGRID-An Adaptive Trust Aware Resource Sharing” at KONGU Engineering College, Erode.
3. Presented Paper on “Detection of Epilepsy by Probabilistic Neural Network” at Anna University of Technology, Tiruchirappalli.
4. Presented Paper on “Novel Searching of Database Using OLS Technique” at RajaRajeswari Engineering College, Chennai.
5. Presented Paper on “GNP-Base Fuzzy Class-Association Rule Mining with Subattribute Utilization” at RMD Engineering College, Chennai.
6. Presented Paper on “A Multi Dialectal Provision E-Mail Server” at Adithya Institute of Technology, Coimbatore.
7. Presented Paper on “Impact of Machine Learning in Cyber Security” at KGiSL Institute of Technology, Coimbatore.

8. Presented Paper on “National Conference on Cryptography & Network Security – 2021” at IIMT College of Engineering.

### **Publications (International Journal)**

1. **“Implementation of Hybrid Search on IBM CELL Broadband Engine”** Published at International Journal on Recent Trends in Engineering and Technology”, ISSN: 2158-5563, Vol: 5, No: 1, March 2011.
2. **The Application of Wireless Sensor Network in the Irrigation Area Automatic System”,** Publish at International Journal in Computer Technology and Application ISSN: 2229-6093. Vol: 3, No: 1, Feb 2012.
3. **“Detecting Phishing Attacks in Purchasing Process through Proactive Approach”,** Publish at Advance Computing: An International Journal, ISSN: 2229-6727, Vol: 3, No: 3, May 2012.
4. **“A Multi Dialectal Provision E-Mail Server”,** Published at IJETS, ISSN: 2349-3976, Sep 2015, with impact factor 0.887.
5. **“Impact of Machine Learning in Cyber Security”,** Published by UGC Approved Journal with ISBN No: 9789352915621.

### **Publications (International Conferences)**

1. Presented Paper on **“Intrusion Detection Model Based on Fuzzy GNP and Probability Distribution for Intrusion Classification”** at Dr. MGR Educational & Research Institute, Chennai.
2. Presented Paper on **“Impact of Machine Learning in Cyber Security”** at KG Institute of Technology, Coimbatore.

### **Guest Lectures Given**

1. Given Guest Lecture on the topic **“Machine Learning Technique”** for the CSE students of **Nanjai Lingammal Polytechnic College, Karamadi, Coimbatore.**
2. Given Guest Lecture on the topic **“Recent Trends in Multimedia”** for the CSE students of **GRG Polytechnic College, Coimbatore.**
3. Given Guest Lecturer on the topic **“Creating Own App & Website”** for several +2 Students in

### **Adithya Summer Skill Camp.**

4. Given Guest Lecture on the topic **“Google Sketch up”** for the CSE students of **Shree Venkateshwara Hitech Polytechnic College**, Sathyamangalam, Erode.
5. Given Guest Lecture on the topic **“Google Sketch up”** for the CSE students of **Arulmigu Palaniandavar Polytechnic College**, Palani.

### **Workshops**

1. Attended One Day Workshop on “Network Simulator 2” Organized by School of Computing Science & Engineering VIT University, Chennai Campus.
2. Attended One Day Workshop on “Recent Trends in Cloud Computing” Organized by the Department Computer Science & Engineering at SRM Easwari Engineering College, Chennai.
3. Attended One Day Workshop on “” Organized by MaxCADD, Coimbatore.
4. Attended Three Days Workshop conducted by “WIPRO MISSION 10X” at Adithya Institute of Technology.
5. Attended Two Days Workshop on “IOT Workshop” Organized by the Department Computer Science & Engineering at Adithya Institute of Technology, Coimbatore.
6. Attended One Days Workshop on “Workshop on PYTHON” Organized by the Department Computer Science & Engineering at Adithya Institute of Technology, Coimbatore.
7. Attended Two Days Workshop on “Big Data” Organized by Department of Computer Science & Engineering at National Institute of Technology – Trichy.
8. Attended Four Days of Workshop on “Instructional Excellence in Intelligent Systems” at Adithya Institute of Technology.
9. Attended Three Days of Workshop on “Certificate Program in UAV Systems under Multicopter Expert Program” at Adithya Institute of Technology.
10. Attended Workshop on “Building Cloud Native Applications” at PSG Institute of Technology and Applied Research – Dept CSE, during January 2022.



## **Faculty Development Program / STTP**

1. Attended Two Days FDP on “Teaching Methodologies” at VelTech MultiTech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai.
2. Attended Two Days FDP on “Mastering Machine Learning with Python” at Sona College of Technology, Salem.
3. Attended Three Days FDP on “Teaching Learning Program” at Indian Institute of Technology – Madras, Chennai.
4. Attended many more Online FDP Programs during Covid-19 Period
5. Attended VLAB **FDP**, organized by PALS – IIT Madras during the year August 2021.
6. Attended ATAL FDP on “Cyber Security & Cryptography: Trends and Technologies”, organized by Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram during October 2021.
7. Attended 6 Days AU-STTP on “Cyber Security”, organized by MIT – AICTE during January 2022.

## **International Webinars**

1. Attended an International Webinar on "Decision Science and Intelligence in the Context of an AI/ML Driven World", organized by PSG Institute of Technology and Applied Research, Coimbatore during December 2021
2. Attended an International Webinar on “ Research Data Collection & Data Analysis”, organized by Institute of Global Professionals, during January 2022.

## **Subject link**

### **PROBLEM SOLVING AND PYTHON PROGRAMMING**

<b>Algorithmic Problem Solving</b>	: <a href="http://bit.do/eGyvA">http://bit.do/eGyvA</a>
<b>Data, Expressions, Statements</b>	: <a href="http://bit.do/eGyvM">http://bit.do/eGyvM</a>
<b>Control Flow, Functions</b>	: <a href="http://bit.do/eGyvT">http://bit.do/eGyvT</a>
<b>Lists, Tuples, Dictionaries</b>	: <a href="http://bit.do/eGyv6">http://bit.do/eGyv6</a>
<b>Files, Modules And Packages</b>	: <a href="http://bit.do/eGywb">http://bit.do/eGywb</a>

## PROFILE

**Name** R.SIVARAJ

**Department** IT

**Qualification** M.E(CSE)

**Area of Specialization** Data Mining

**Date of Joining (KSR IET)** 02-06-2014



**Experience**      **Teaching:7.8**      **Industry:00**      **Others: 00**

**Number of Papers Published**      **National Journals : 00**      **International Journals : 00**

**Number of Papers Presented**      **National Conferences : 00**      **International Conferences : 00**

**Books Published**      **National Publisher : 00**      **International publisher : 00**

**Contact Details**      **E Mail:** [sivarajkec@gmail.com](mailto:sivarajkec@gmail.com)      **Mobile:** 9047040730

### **Publications (International Journals)**

1. NIL

### **Publications (National Journals)**

1. NIL

### **Publications**

### **Publications (International Journals)**

NIL

### **Publications (National Journals)**

NIL

### **Faculty Development Program/ Workshops**

- Attended Python 3.4.3 FDP, organized by Vivekanandha College of Engineering for Women during April 2020
- Attended Data Science using python FDP, organized by Jeppiaar Institute of Technology during May 2020
- Attended Managing Online Classes and Co-Creating MOOCs Two Weeks FDP, organized by Ramanujan College(University of Delhi) during May 2020
- Attended Practical Approach for Data Science online STTP, organized by R.N.G. Patel Institute of Technology during June 2020
- Attended Data Analytics in Healthcare online FDP, organized by SSN College of Engineering January 2022
- Attended Computational Intelligence and its Applications online FDP, organized by KSRM College of Engineering August 2021
- Attended An Effective Pedagogy Practice AICTE-ISTE Induction/Refresher Program, organized by K.L.N. College of Engineering March 2021
- Attended Machine Learning with Python in Data Science online STTP, organized by SRM Institute of Science and Technology October 2020

## PROFILE

**Name** M.SOUNDARIYA

**Department** IT

**Qualification** M.E(CSE)

**Area of Specialization** Image Processing

**Date of Joining (KSR IET)** 03-06-2013

**Experience** Teaching:4.7 Industry:00 Others: 00

**Number of Papers Published** National Journals : 00 International Journals : 00

**Number of Papers Presented** National Conferences : 01 International Conferences : 01

**Books Published** National Publisher : 00 International publisher : 00

**Contact Details** E Mail:soundariyamecse@gmail.com Mobile: 9486190222



### INTERNATIONAL CONFERENCE

1. M.Soundariya “THE EYE TRIBE”,International Conference,KSRIET.

### NATIONAL CONFERENCE

1. R.Subapriya M.Soundariya “Hybrid FP-tree Mining Techniques and its application on Medical Data “,NCRTET KSRIET, 24<sup>th</sup> March 2016.

### TRAININGS OFFERED


1. ‘Mastering C’ – The training in ‘C’ language for the final year students of K.S.R College of Arts and Science for Women
2. ‘C Programming’ training for second year student of ECE in KSR Institute for Engineering and Technology.

## **SUBJECT LINKS**

### **1. Operating Systems**

- Operating System Overview - <https://goo.gl/geGtnG>
- Process Management - <https://goo.gl/Es3JXp>
- Storage Management - <https://goo.gl/UzYwpA>
- File Systems and I/O Systems - <https://goo.gl/JcfHGt>
- Case Study - <https://goo.gl/e3t1rU>

## BIO-MEDICAL ENGINEERING DEPARTMENT

Name	Dr. R. Prabu,		
Department	Biomedical Engineering		
Qualification	B.E., M.Tech., Ph.D		
Area of Specialization	Biomedical Image Processing, Electrical Impedance Tomography		
Date of Joining (KSRIET)	01.07.2021		
Experience (as on 01.08.2021)	Teaching: 11	Industry: 8.3	Others: 00
Number of Paper Published	National Journals : 00	International Journals :05	
Number of Paper Presented	National Conference : 14	International Conference : 02	
Books Published	National Publisher : 00	International Publisher : 00	
Patent Published	National : 01	International : 00	
Contact details	E mail: prathinam11@gmail.com, hod_bme@ksriet.ac.in Mobile :9486410610		

### Publications (International Journals)

1. R. Harikumar, R. Prabu and S. Raghavan, "Electrical impedance tomography (EIT) and its medical applications: A review", *Int. J. Soft Comput. Eng.*, 2013, vol. 3, no. 4, pp. 193-198.
2. R. Harikumar and R. Prabu, "Electrical Impedance Tomography (EIT) image Classification Using GLCM Based Feature Extraction in Artificial Neural Network (ANN)", *International Journal of Applied Engineering Research*, 2015, Vol. 10, no. 38, pp. 28828-28833,
3. R. Prabu, R Harikumar, and S Raghavan, "Performance Analysis of ELM Classifier for Classification of Electrical Impedance Tomography (EIT) Images with Infinite Feature Selection", *Asian Journal of Research in Social Sciences and Humanities*, 2016, vol. 6, no. 8, pp. 381-389.
4. R. Prabu, and R Harikumar, " A Performance Analysis of GA-ELM Classifier in Classification of Abnormality Detection in Electrical Impedance Tomography (EIT) Lung Images Performance Analysis of ELM Classifier for Classification of Electrical Impedance Tomography (EIT) Images with Infinite Feature Selection", *Asian Journal of Research in Social Sciences and Humanities*, 2016, vol. 6, no. 6, pp. 1935-1948.

5. R. Prabu and R. Harikumar, "A Performance Analysis of GA-ELM Classifier in Classification of Abnormality Detection in Electrical Impedance Tomography (EIT) Lung Images", *Journal of Scientific & Industrial Research*, 2016, vol. 75, pp. 404-411.
6. R. Prabu, A. Priyadharshini, J. Sasi, V. Shankar, and A. Sridevi, "Analysis of Psycho Physiological State under Different Stimulus Using Galvanic Skin Response", *International Journal of Scientific Progress and Research (BSIP-2018)*, 2018, pp 27-30.

#### **Publications (International Conferences)**

1. Dr. N.Jeyashanthi, Dr. P.Ravikumar, Dr.R.Prabu and K.S. Kausalya devi, "Synthesis of Herbal biomaterial cloth for human injuries", International Conference on future prospects of Biotechnology and Biomedical applications (ICFBB 2020), 18<sup>th</sup>& 19<sup>th</sup> December 2020.
2. Dr. N.Jeyashanthi, Dr. P.Ravikumar, Dr.R.Prabu and K.S. Kausalya devi, "Automated control of CPM machine by using NIRS", International Conference on future prospects of Biotechnology and Biomedical applications (ICFBB 2020), 18<sup>th</sup>&19<sup>th</sup> December 2020.

#### **Publications (National Conferences)**

1. Prabu R, "Data collection system for Electrical Impedance Tomography", National Conference on Applications of Nanotechnology in Biomedical systems, March 2012.
2. Prabu R, "Finite Element modeling using MATLAB", National Conference on Engineering Innovations in Medical Technology, March 2013.
3. Prabu R, "LabVIEW based Cardiac patient monitor", National Conference on Engineering Innovations in Medical Technology, March 2013.
4. Prabu R, Neenu Varghese, Sakthibalan "Signal processing and analysis of Bioelectrical signals of Human retina (ERG) using LABVIEW", National Conference on Engineering Innovations in Medical Technology, March 2014.
5. Prabu R, Eunice Esther Lovely, HariKrishna N, Sethulekshmi S and Sukin kumar K M, "Detection of leukemia in human blood sample", National conference on Trends in Engineering Applications and Management '15, April 2015.
6. Prabu R, Dhivya M, Meenakshi B, Melby Arshel and Neethu Joseph, "Haralick texture analysis of lymphocytes identification in WBC", National conference on Trends in Engineering Applications and Management '15, April 2015.
7. Prabu R, Nayana Das H, Pavithra G, Priya M and Jananisri S, "False Positive Reduction in Mammographic masses using CCA", National conference on Trends in Engineering Applications and Management '16, March 2016.
8. Prabu R, Anbarasi T, Hemalatha R, Naveena M and Santhiya R, "Fold and Go Knee Scooter", National conference on Trends in Engineering Applications and Management '17, March 2017.
9. Prabu R, Sridevi A, Priyadharshini A, Sasi A, and Shankar V, "Acquiring and Analysing of GSR signals", National conference on Trends in Engineering Applications and Management '18, March 2018.
10. Prabu R, Baarathi A, Harshavardhan , Indhumathi A and Miruthubasini N, "Flipside Method for Scorch wound dressing", National conference on Trends in Engineering Applications and Management '18, March 2018.

11. R Prabu, A Sridevi, A Priyadharshini, J Sasi, and V Shankar, "Analysis of Psycho Physiological State under Different Stimulus Using Galvanic Skin Response", National Conference on Biomedical Signal and Image Processing (BSIP-2018), 2018, pp. 27-30.
12. Prabu R, Aishwarya M D, Kiruthika M, Lavanya S and Manojkumar V, "EEG Based Emotion detection", National conference on Trends in Engineering Applications and Management '19, March 2019.
13. Prabu R, Ranjitha P, Sri Sapna R and Jansi M, "Hookworm detection in wireless capsule endoscopy images using deep learning", National conference on Trends in Engineering Applications and Management '19, March 2019.
14. Prabu R., Pavithra I, Sethupathi S, Silambarasan K, Soundharyaa N, "Low cost PC based stress test system", National Conference on Enhancement in Biomedical Engineering and healthcare -2020, 4<sup>th</sup> & 5<sup>th</sup> March 2020.

#### LIST OF LECTURES/KEYNOTES DELIVERED

S.No.	Programme type	Venue	Date
1.	Lecture on "Basic of signal processing" in ICMR sponsored National Seminar on Advancement in Medical Electronics	Vivekananda College of Engineering for Women, Tiruchengode	03.03.2015
2.	Lecture on "Basics of Electrocardiograph" in one week Anna University Sponsored Faculty Development training Programme on BM6504 Biomedical Instrumentation	Sri Ramakrishna Engineering College, Coimbatore	09.06.2016
3.	Lecture and Lab demo on "Biomedical Instruments and Diagnostic and Therapeutic equipment" in DBT sponsored one day national level Workshop on Biomedical Instrumentation	Vellalar college for Women	22.12.2017
4.	Lecture and Lab demo on "Biomedical Instruments and Diagnostic and Therapeutic equipment" in One day national level Workshop on Biomedical Instrumentation	Vellalar college for Women	16.02.2019
5.	Lecture and Lab demo on "Biomedical Instrumentation" for Kongu Vellalar Polytechnic College students	Velalar College of Engg and Technology	17.02.2019
6.	Lecture on "Fundamentals of Ventilators" in Two days national level Workshop on Maintenance of Intensive Care Monitors	Velalar College of Engineering and Technology	26.09.2012
7.	Lecture on Fundamentals of Anesthesia Monitors in Three days national level Workshop on Maintenance and Service of Medical Equipment for Aspiring Medical and Allied Entrepreneur	Velalar College of Engineering and Technology	27.02.2013
8.	Lecture on Fundamentals of Signals in	Velalar College of	09.02.2015



	two days national level Workshop on BioSignal Processing using MATLAB	Engineering and Technology	
9.	Lecture on GSR and Basics of Ventilators in Five days national level FDP on Biomedical Instrumentation	Velalar College of Engineering and Technology	09.06.2015
10.	Lab Demo on Biomedical Instruments and Diagnostic and Therapeutic equipment's in Three days national level FDP on Medical Electronics	Velalar College of Engineering and Technology	2.12.2016
11.	Lecture on Biosignal Acquisition in Two days national level Workshop on MATLAB and its Applications	Velalar College of Engineering and Technology	21.09.2017
12.	Lecture on Fundamentals of MATLAB in Four days national level VAC on Introduction to MATLAB for Engineering students	Velalar College of Engineering and Technology	19.12.2017

#### LIST OF TRAINING PROGRAMMES ATTENDED

S.No.	Programme type	Period	No.of Days
1.	Workshop on Professional Development for Healthcare Providers organized by Confederation of Indian Industry at Kovai medical centre and Hospital, Coimbatore	28.02.09	1 day
2.	Workshop on Research issues in Medical Image Analysis at Thiagarajar College of Engineering, Madurai	20.10.11 - 21.10.11	2 days
3.	Orientation course on Advanced medical Equipment servicing and Maintenance organized by Pamtrons Medical Equipment's at Velalar College of Engineering and Technology	08.11.11 - 09.11.11	2 days
4.	ICMR sponsored Workshop on Engineering Perspective for Diabetics and Epilepsy Healthcare at Bannari amman Institute of Technology	28.02.12 - 29.02.12	2 days
5.	AICTE sponsored Workshop on Maintenance and Service of Medical Equipments for Aspiring Medical and Allied Entrepreneurs	26.02.13 - 29.02.13	3 days
6.	FDP on New and Emerging Trends in Image and Video Processing at Jayaram College of Engineering and Technology, Trichy	13.05.13 – 24.05.2013	12 days

7.	FDTP on Analog and Digital Communication sponsored by Centre for Faculty Development, Anna University, Chennai at Velalar College of Engineering and Technology	08.06.15 – 12.06.2015	5 days
8.	Anna University Sponsored Faculty Development training Programme on Biomedical Instrumentation at Sri Ramakrishna Engineering College, Coimbatore	06.06.16 – 12.06.2016	7 days
9.	Anna University Sponsored Faculty Development training Programme on Digital Image Processing at Velalar College of Engineering and Technology	15.06.17 – 21.06.2017	7 days
10.	AICTE - ATAL Online FDP on Computer Science & Biology organized by Amal Jyothi College of Engineering	24.08.2020 – 28.08.2020	5 days
11.	Online FDP on Healthcare and Clinical Research organized by Sathyabama Institute of Science and Technology, Chennai	04.06.2020 – 10.04.2020	7 days
12.	Online FDP on Role of Robotics and AI during COVID-19 organized by Vels Institute of Science, Technology and Advanced Studies	03.05.2020	1 day
13.	Online non-credit course on Converting Challenges into Opportunities authorized by University of California San Diego and offered through Coursera	30.04.2020	2 days
14.	Webinar on Modeling and Simulation for Healthcare Innovators organized by SSN College of Engineering in collaboration	01.06.2020 -02.06.2020	2 days
15.	International Short-Term Course (STC) on "Recent advances of 3D printing and its Bio-medical Engineering Applications" jointly organized by the Royal Global University, Guwahati, Assam in collaboration with the North Eastern Hill University, Shillong, Meghalaya, India and the National Cheng Kung University Hospital (NCKUH), Taiwan	12.10.2020 – 16.10.2020	5 days
16.	Empower webinar by Fluke Biomedical on IEC 62353 compliant Electrical safety testing for patient monitors and ventilators part 1	15.03.2021	1 day

17.	Online FDP on Revised NAAC Accreditation Framework perceptions organized by G.T.N. Arts College	12.05.2021 – 15.05.2021	5 days
-----	---	-------------------------	--------

### **LIST OF PROGRAMMES ORGANIZED**

S.No.	Programme type	Type	Date
1.	Guest lecture on Awaken The Leader In You, Velalar College of Engineering and Technology	Guest Lecturer	07.01.2013
2.	Guest lecture on Biomedical Engineering In Antibody Therapeutics by Dr. P. Rathanaswami, Senior Scientist from Amgen British Columbia, Canada, Velalar College of Engineering and Technology	Guest Lecturer	23.01.2013
3.	Three days national level Workshop on Maintenance and Service of Medical Equipment for Aspiring Medical and Allied Entrepreneur, Velalar College of Engineering and Technology	Workshop	26.02.2013 – 28.02.2013
4.	Workshop on Biomedical Signal and Image Processing using MATLAB, Velalar College of Engineering and Technology	Workshop	29.01.2014 – 30.01.2014
5.	Workshop on Biosignal Processing using MATLAB, Velalar College of Engineering and Technology	Workshop	09.02.2015 – 10.02.2015

### **Patents Filled: 01**

S.No	Patent Application No.	Title of Invention	Date of Filling	Date of Published
1.	202111032969	Mobile based Accident Detection and Alert System	22.07.2021	20.08.2021

### **Membership in Professional Bodies**

- Biomedical Engineering Society of India (BMESI) – Life member

### **SWAYAM-NPTEL courses / Online courses completed**

- Biomedical Signal Processing (NPTEL)
- NBA Accreditation and Teaching – Learning in Engineering (NPTEL)
- Accreditation and outcome-based learning (NPTEL)
- Mechanical Ventilation for COVID-19 (Edx)
- Converting challenges into opportunities (Coursera)

Name	BRINDHA M			
Department	BME			
Qualification	M.E			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	04-08-2021			
Experience (as on 01.06.2020)	Teaching:8 Y	Industry:00	Others: 00	
Number of Papers Published	National Journals      02	International Journals      06		
Number of Papers Presented	National Conferences : 07		International Conferences : 09	
Books Published	National Publisher      02	International publisher      00		
Contact Details	EMail:mbrindhaeie@gmail.com			Mobile:9345705701

## Publications

- Published paper titled “**Transport credential device for the visually challenged people using RFID** ” in **Journal of Critical Reviews**, Volume 07, Issue 12, 2020, ISSN no: 2394-5125, Page no: 1407-1412, September 2020
- Published paper titled “**Smart shopping trolley** ” in **International Journal for research in applied science & Engineering Technology**, Volume 06, Issue 02, 2020, ISSN no: 2321-9653, Page no: 1651-1656, February 2018
- Published paper titled “**Study of Face Authentication using Euclidean and Mahalanobis Distance classification Method**” in **International Journal of Modern trends in Engineering and Science**, Volume 04, Issue 02, 2017, ISSN no: 2348-3121, Page no: 30-34, January 2017
- Published a paper titled, “**Effects of PID Controller to reduce the Maximum Peak Overshoot based on closed Loop Tuning Methods**” in the **International Journal of Applied Engineering Research**, Volume 10, Issue 5, 2015

- Published a paper titled, **"Automated Initial Ignition of a furnace by using cost Effective Hydrogen from flue gases"** in the **International Journal of Applied Engineering Research**, Volume 10, Issue 1, 2015
- Published a paper titled, **"Estimation of ANFIS parameters for a non linear system using extended Kalman Filter & Particle Swarm Optimization"** in the **International Journal of Applied Engineering and Research**, Volume 09, 2014
- Published a paper titled, **"A Comparative Study of Face Authentication using Euclidean and Mahalanobis Distance Classification Method"** in the **International Journal of Emerging Technology and Advanced Engineering**, Volume 3, Issue 1, January 2013
- Published a paper titled, **"Evaluation of Face Recognition using Principle Component Analysis and Two Dimensional Component Analysis"** in the **Journal of Energy Storage and Conversion**, Volume 3, Number 2, pp. 211-223, July-December 2012

### **National /International Conference**

- Presented paper titled "M-Learning android application for autistic children", "ICRAET2K19", at Sri Krishna College of Engineering and Technology, Coimbatore, on 08.02.2019 and 09.02.2019
- Presented paper titled "Centrifuge control system in sugar washing process using PLC", "ICTIMES", at Malla Reddy College of Engineering, Hyderabad on 28.12.2018 and 29.12.2018
- Presented paper titled "IOT based pressure process system", "International Conference on Electrical Sciences", at SNS College of Technology, Coimbatore, on 09.03.2017 and 10.03.2017
- Presented paper titled "Optimization of Energy Efficient Protocols using Wireless Sensor Networks", International Conference on Mathematical Computer Engineering (ICMCE) – 2016 at VIT University, Chennai on 16.12.2016 and 17.12.2016
- Presented a Paper titled, "Evaluation of Energy Efficient routing in wireless Multimedia Sensor Networks" in the IEEE Sponsored International Conference on Electronics and Communication Systems(ICECS) at Karpagam College of Engineering, Coimbatore on 26.02.15 & 27.02.15
- Presented a Paper titled, "A Survey on Energy Efficient routing in wireless multimedia sensor networks" in the International conference on Electrical, Instrumentation and communication Engineering at Sri Krishna College of Technology, Coimbatore on 02.01.15 & 03.01.15

- Presented a Paper titled, “Starting Process of a Furnace in a Caustic Soda Plant using PLC” in the National Conference on Instrumentation and control Engineering at NSS College of Engineering, Palakkad on 27.06.14 & 28.06.14
- Presented a Paper titled, “Automated PAMBAN Cantilever Railway Bridge opening System using Redundant PLC” in the International Conference on Intelligent Engineering System at EASA College of Engineering and Technology ,Coimbatore on 03.04.2014 & 04.04.2014
- Presented a Paper titled, “Detection of Atrial Fibrillation using Smart phone” in the National Conference on Cutting Edge Technologies in Power Conversion and Industrial Drives at Bannari Amman Institute of Technology, Sathyamangalam on 21.02.2014&22.02.2014
- Presented a Paper titled, “Revolution by Nano Technology in Power Storage” in the National Conference on Cutting Edge Technologies in Power Conversion and Industrial Drives at Bannari Amman Institute of Technology, Sathyamangalam on 21.02.2014 & 22.02.2014
- Presented a Paper titled, ”Energy Efficient Routing in Wireless Multimedia Sensor Networks”, in the International Conference on Science and Innovative Engineering Organized by Organization of Science and Innovative Engineering & Technology, Chennai on 06.04.2013
- Participated in the National Conference on “Signals , Systems and Security -2012” at Bannari Amman Institute of Technology, Sathyamangalam on 23.02.2013&24.02.13
- Presented a Paper titled, ”Face Recognition using Two Dimensional Principle Component Analysis and Extreme Learning Machine”, in the International Conference on Innovative Research in Engineering and Technology at Park College of Engineering and Technology , Coimbatore on 03.01.2013-05.01.2013
- Presented a Paper titled, “Evaluation of Face Recognition using Principle Component Analysis and Two Dimensional Principle Component Analysis” in the National Conference on Frontiers in Applied Sciences and Computer Technology at National Institute of Technology , Trichy on 06.12.12 & 07.12.12
- Presented a Paper titled, “Automatic Face Recognition Using Color Based Segmentation” in the National Conference on NCETCIT-12 at Sai Ram College of Engineering, Chennai on 01.03.12 & 02.03.12
- Presented a Paper titled, “Stream Soil Moisture Estimation by GPS Signals” in the National Conference on Intelligent Electrical Systems at Maha College of Engineering, Salem on 24.04.2009 & 25.04.2009

### **Books /Instruction materials/monograms published**

<b>S.No</b>	<b>Title of the Book</b>	<b>Author(s)</b>	<b>Name &amp; Address of the Publisher</b>	<b>Year of Publishing</b>
<b>1.</b>	Transducer Engineering	Mr.K.Sambasivarao M.Brindha	Lambert Academic Publishing	2020
<b>2.</b>	IoT Based Intelligent Sanitary Napkin Disposer	Mr.K.Sambasivarao M.Brindha	Lambert Academic Publishing	2019

### **Achievement**

- Received award from Texas Instruments for making the highest number of students to register for Mooc – Embedded system design system on NPTEL, January 2021

### **Certification course**

- Completed NPTEL course on “Introduction to Internet of Things” with 96% (Elite)
- Completed courses on AI for Everyone, Augmented reality and AR core and Programming for Everybody (Getting Started with Python) in course era

Name	MADHAN S			
Designation & Department	ASSISTANT PROFESSOR & ENGLISH			
Qualification	M.A., M.PHIL.			
Area of Specialization	ELT			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.06.2020)	Teaching: 9	Industry:-	Others: 5	
Number of Papers Published	National Journals	00	International Journals	00
Number of Papers Presented	National Conferences : 01		International Conferences : 05	
Books Published	National Publisher	: -	International publisher	: -
Contact Details	E Mail: smadhan1983@gmail.com Mobile: 99761 15039			

### **Publications (International Journals)**

### **Publications (National Journals)**

### **Publications (International Conferences)**

1. Madhan S, “Learning – A Psychological Outlook”, **7<sup>th</sup> International Congress on English Grammar**, Bannari Amman Institute of Technology, Sathyamangalam, 28 - 30 December, 2011.
2. Madhan S, “Enlivening ELT through Problem-based Learning”, **9<sup>th</sup> International Congress on English Grammar**, VIT University, Vellore, 3 - 5 January, 2013.
3. Madhan S, “Task-based Language Learning and Teaching: An Overview”, **International Conference on Innovations in the Teaching of English Language and Literature**, VIT University, Vellore, 12 & 13 August, 2016.
4. Madhan S, “Challenges in English Language Learning in India – Present Scenario”, **9<sup>th</sup> International Congress on English Grammar**, K.S. Rangasamy College of Arts and Science, Tiruchengode, 18 - 21 January, 2017.
5. Madhan S, “Respect for Nature in Tom Billsborough’s *Sea Pollution*”, **International Seminar on Nautical Literature**, Nanjil Catholic College of Arts and Science, Kaliakkavilai in collaborations with Dhofar University, Sultanate of Oman and Association for Cultural and Scientific Research, 3 & 4 August 2018.




### Publications (National Conferences)

1. Madhan S, “Teaching Approaches – Task-based Learning”, **National Conference on “Fine-Tuning Presentation”**, K.S.R. College of Engineering, Tiruchengode, 24th August, 2015.

### Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51445)
- English Language Teachers’ Association of India (ELTAI) – Member (30009205)

Name	M ASICK ALI			
Designation & Department	Associate Professor & Mathematics			
Qualification	M.Sc., M.Phil., (Ph. D)			
Area of Specialization	Bio Medical Science			
Date of Joining (KSR IET)	01.07.2011			
Experience (as on 01.06.2020)	Teaching:20 Years 9 Months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals 00	
Number of Papers Presented	National Conferences : 00		International Conferences : 00	
Books Published	National Publisher : 00		International publisher 00	
Contact Details	E Mail: asick68@gmail.com@gmail.com		Mobile: 9976396840	

Name	R.SWATHI SRI			
Designation& Department	ASSISTANT PROFESSOR & BIOMEDICAL ENGINEERING			
Qualification	M.E			
Area of Specialization	MEDICAL ELECTRONICS			
Date of Joining (KSR IET)	01.12.2020			
Experience (as on30.05.2020)	Teaching: Nil	Industry: 3 Years	Others: Nil	
Number of Papers Published	National Journals : Nil International Journals : Nil			
Number of Papers Presented	National Conferences: Nil International Conferences : Nil			
Books Published	National Publisher : Nil International Publisher : Nil			
Contact Details	E Mail: swathimee29@gmail.com Mobile: +91 -8189994649			

**Name:** B B SANGAMESWARAN  
**Department:** Biomedical Engineering  
**Qualification:** M.Sc. M. Tech (Biotechnology)  
**Area of Specialization:** Clinical Biochemistry, Industrial Microbiology  
**Date of Joining:**  
(KSRIET) 01/02/2021  
**Teaching Experience:** 7 Years  
**No. of Paper Published:** International: 01 National: 00  
**Contact Details:** [sangameswaranb@ksriet.ac.in](mailto:sangameswaranb@ksriet.ac.in)  
8838022447



### **Industrial Experience:**

Worked in industries from 2004-2007.

Worked as an freelancer (Tutor) in teaching SAS and Clinical SAS to students and employees in USA from 2015 to 2019.

### **Internationals Journals:**

Synthesis of lead nanoparticles by Aspergillus species Sangameswaran B.B., Pavani K.V., Sunil Kumar N., (2012) Polish Journal of Microbiology, 61(1) , pp. 61-63.

### **Certifications**

- **SAS Certified Specialist: Base Programming Using SAS 9.0** secured 94% (Certificate Verification Number: W17RRVQ11BR1QK5L).
- **SAS Certified Clinical Trials Programmer** Using SAS 9. (Certificate Verification Number: VLX60CRKKMB1Q89Q).
- **Certification in Advanced Molecular Biology and Biotechnology**, 2006, Clonogen Biotechnology Pvt Ltd, USA, jointly with Clonogen Biotechnology Pvt Ltd, India. This is a three months comprehensive training covering a range of advanced topics together with

some hands-on experience on designing and performing experiments. This course was organized by established scientists and professors from USA and secured **Third rank** in the final exam conducted.

- D.I.S.M. (Diploma in Information and System Management), 2000 APTECH computer education, secured 'O' grade

#### **Training:**

- Training in lab techniques in Biotechnology and Animal cell culture, conducted by Department of Animal Biotechnology from 'Tamil Nadu Veterinary and Animal Science' University, Chennai.
- Participated in number of Faculty Development Programs and Workshops from 2007 to 2013 in Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.
- Attended number of International and National conferences, Symposiums, Guest lectures and Invited talks during 2008 to 2013.

#### **Program Organized:**

- Organized - Role as Organizing Secretary in AICTE sponsored National level Symposium on Emerging Trends in Biotechnology from 10-12 Dec 2008 in Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.
- Organized three days FDP titled 'Immobilization of industrially important enzymes' from Sep 14-16 at Dept. of Biotechnology, GRIET, Hyd.
- Organized two days FDP workshop on gene cloning on 18-19 Feb 2013 at Dept. of Biotechnology, GRIET, Hyd.
- Attended three days' workshop on Isolation of phytochemical's compounds in economically important medicinal and aromatic plants from 12-14 April 2010.

**Name** Dr. E.MANIKANDAN  
**Designation & Department** ASSISTANT PROFESSOR  
PHYSICS  
**Qualification** M.Sc., Ph.D.  
**Area of Specialization** NANOSCIENCE AND ITS APPLICATIONS  
**Date of Joining (KSR IET)** 21-11-2021



**Experience** **Teaching: 1Year  
8 Month**

**Number of Papers Published** **International Journals** 3

**Number of Papers Presented** **National Conferences :14 International Conferences 12**

**Contact Details** **E Mail ID:** [e.mani16041992@gmail.com](mailto:e.mani16041992@gmail.com) **Mobile:** +91-9894065485

### **Publications (International Journal)**

1. S. Sivakumar and E. Manikandan, Enhanced structural, optical, electrochemical and magnetic behaviour on manganese doped tin oxide nanoparticles via chemical precipitation method. Journal of Materials Science: Materials in Electronics 30, no. 8 (2019) 7606-7617.  
DOI: 10.1007/s10854-019-01076-8  
**Publisher: Springer IF: 2.47**
2. S. Sivakumar and E. Manikandan, Novel Synthesis of Optical, Photoluminescence Properties and Supercapacitor Application on Zn<sup>2+</sup> doping Sn<sub>1-x</sub>Zn<sub>x</sub>O<sub>2</sub> nanoparticles. International Journal of Scientific Research in Physics and Applied Sciences 6.6 (2018) 1-13.  
DOI: 10.26438/ijsrpas/v6i6.113  
**Publisher: ISROSET IF: 1.021s**
3. S. Sivakumar, E. Manikandan, B. Mahalakshmi, Nazir Ahmad mala, L. Nelson prabu, Synthesis and Characterization of Optical, Electrochemical and Magnetic Behavior on Manganese-Zinc co-doped Tin Oxide nanoparticles. Vacuum.

DOI: <https://doi.org/10.1016/j.vacuum.2019.109116>

**Publisher: Elsevier IF: 3.637**

### **Publications (International Conferences)**

1. presented my paper entitled “optical and electrochemical properties of SnO<sub>2</sub> nanoparticles via chemical precipitation method” in International Conference on Recent Advances in Materials (ICRAM-2018) organized by Pg & research department of physics national college (autonomous) Tiruchirappalli on 22nd & 23rd Mar 2018.
2. presented my paper entitled “Optical and magnetic properties of Zn-doped NiO nanoparticles” in the Souvenir International Conference on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018) organized by Department of Chemistry Annamalai University, Annamalai Nagar on 2nd & 3rd February 2018.
3. presented a research paper entitled “correlated Room Temperature Ferromagnetism and Photoluminescence in SnO<sub>2</sub> nanoparticles via chemical precipitation method” in the International Conference on sustainable scientific advancements (ICSSA-19) held on 22 & 23 Feb 2019 and organized by PG & Research Dept. of Biotechnology, Physics and Chemistry of Sri Vinayaga college of arts and science, Ulundurpet - 606 107, Villupuram, Tamilnadu.

### **CONFERENCES AND SEMINARS**

- A paper was presented entitled “Structural, Morphological and Optical Properties of Pure SnO<sub>2</sub> nanoparticles via chemical co-precipitation method” National Conference on FRONTIER AREAS IN APPLIED PHYSICS (NCFAAP-2016) 27th April 2016. Engineering Physics Section Faculty Of Engineering & Technology Annamalai University, Annamalainagar - 608 002.
- I have presented a research paper entitled “Structural, optical and photocatalytic activities of pure and Mn: SnO<sub>2</sub> nanoparticles via chemical precipitation method”. National Seminar On New Trends In Chemistry (NTC-2016), 21st-22nd, October 2016. Department of Chemistry, Annamalai University, Annamalai Nagar.
- I have attended the DST-NRDMS Summer/Winter School Training On “GEOSPATIAL TECHNOLOGY-Significance Applications And Beyond” Organized by the Department Of Earth

Sciences, Annamalai University, Tamilnadu, During November 23rd To 13th December 2016.

- A paper was presented entitled “Synthesis and characterization of undoped and Mn: SnO<sub>2</sub> nanoparticles Via Chemical Precipitation Method”. National Conference On Recent Developments In Nano Materials And Thin Films Research (RDNMTR-2017) 4th-5th March 2017. PG & Research Department Of Physics AVVM Sri Pushpam College (Autonomous) Poondi, Thanjavur-613 503.
- Participated in the Two-Days Lecture Workshop on Recent Developments in Applied Physics 18-03-2017 & 19-03-2017. Research Department Of Physics Khadir Mohideen College Adirampattinam – 614701 Thanjavur District.
- I have participated in my paper entitled “Influence of Mn doping on structural, optical and magnetic properties of SnO<sub>2</sub> nanoparticles by Chemical Precipitation Method” in International Conference On Recent Advances In Applied Physics (ICRAAP-2017) organized by Faculty of Engineering and Technology Engineering Physics. Annamalai University, Annamalai Nagar on 21st & 22nd Sep 2017.
- I have presented my paper entitled “Influence of Mn doping on structural, optical and electrochemical properties of SnO<sub>2</sub> nanoparticles by Chemical Precipitation Method” National conference On Recent trends in nanomaterials and Thin films research (RTNMTR-2018) organized by Pg & Research Department Of Physics AVVM Sri Pushpam College (autonomous) poondi on 9-11 February 2018.
- I have presented my paper entitled “optical and electrochemical properties of Mn-doped SnO<sub>2</sub> nanoparticles via chemical precipitation method” in International Conference on Recent Advances in Materials (ICRAM-2018) organized by Pg & research department of physics national college (autonomous) Tiruchirappalli on 22nd & 23rd Mar 2018.
- I have participated in my paper entitled “Optical and magnetic properties of Zn-doped NiO nanoparticles” in the Souvenir International Conference on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018) organized by Department of Chemistry Annamalai University, Annamalai Nagar on 2nd & 3rd February 2018.
- I have participated in the university sponsored prof. K. S. SONACHALAM memorial XXVI

interdisciplinary research methodology workshop organized by Department of Economics, Annamalai University for 7 days from 23.03.2018 to 29.03.2018.

- I have presented my paper entitled “Effect Of Structural, Optical And Electrochemical Properties Of Zn /SnO<sub>2</sub> Nanoparticles Via Chemical Precipitation Route” in National Conference on Frontiers in Nanoscience [NCFNS] 2018 to be held at the Department of Physics, Annamalai University, Annamalainagar, Chidambaram, Tamil Nadu, during 4th and 5th October, 2018.
- I have presented a research paper entitled “Enhanced Structural, Optical and electrochemical behavior on manganese doped tin oxide nanoparticles via chemical precipitation method” in the National Conference on Recent Trends in Material science (RTMS-2018) organized by Dept. of Physics, Annamalai University, Annamalainagar, held during Dec 19th & 20th, 2018.
- I have presented a research paper entitled “Structural, Optical, Photoluminescence and Electrochemical Supercapacitor Application of SnO<sub>2</sub> nanoparticles” in the International Conference on Recent advances in materials science (ICRAMS-2019) organized by PG & Research dept. of physics, National College (Autonomous), Tiruchirappalli, from 04 – 06 Feb 2019.
- I have presented research paper entitled “correlated Room Temperature Ferromagnetism and Photoluminescence in SnO<sub>2</sub> nanoparticles via chemical precipitation method” in the International Conference on sustainable scientific advancements (ICSSA-19) held on 22 & 23 Feb 2019 and organized by PG & Research Dept. of Biotechnology, Physics and Chemistry of Sri Vinayaga college of arts and science, Ulundurpet - 606 107, Villupuram, Tamilnadu.

**WEBINARS:**

**National: 42**

**International: 30**

## **CAREER PROFILE**

## **CURRICULUM**

## **PROJECT**

### **M.Sc. Project**

Synthesis and Characterization of Cobalt Ferrite (CoFe<sub>2</sub>O<sub>4</sub>) nanoparticles by Co-Precipitation Method  
(April 2015)



### **Ph.D. Thesis**

Title: STUDIES ON OPTICAL, ELECTROCHEMICAL AND MAGNETIC PROPERTIES OF PURE AND Mn, Zn DOPED SnO<sub>2</sub> NANOPARTICLES BY CHEMICAL PRECIPITATION METHOD (Nov 2019)

**Thesis details:** Spectral Analysis of cerium oxide using TG-DTA, XRD, FT-IR, UV-Vis DRS, PL, SEM-EDX, HR-TEM, VSM and CV.

### **M.SC., UNDER THE GUIDANCE:**

- 1. A. GNANASEELAN (Reg. No: 40518P21004) “Structural and magnetic properties of Ni<sup>2+</sup> substituted Fe<sub>3</sub>O<sub>4</sub> nanoparticles”. A project report was submitted to Joseph Arts and Science College in partial fulfillment for the award of the degree of Master of Science in Physics.
- 2. A. JAYAGURU (Reg. No: 40518P21006) “Synthesis of structural, functional, and morphological properties of Sn-doped CdO nanoparticles”. A project report was submitted to Joseph Arts and Science College in partial fulfillment for the award of the degree of Master of Science in Physics.
- 3. S. VINOTHINI (Reg. No: 40518P21013) “Biological approach for the synthesis of ZnO nanoparticles; using amaranthus gangeticus extract”. A project report was submitted to Joseph Arts and Science College in partial fulfillment for the award of the degree of Master of Science in Physics.

### **Invited Speaker (Chief Resource Person)**

1. Given Invite speaker entitled “**Nanomaterials and Its Characterization Techniques**” in “**National webinar on Nanomaterials and Its Characterization Techniques**” organized by ST.JOSEPH UNIVERSITY, Dimapur, Nagaland-797 115 on 07 Feb 2022.

Name	Mr. THAMIZHAZHAKAN K			
Designation& Department	ASSISTANT PROFESSOR & BIOMEDICAL ENGINEERING			
Qualification	B.E., M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	03.01.2022			
Experience (as on 30.02.2022)	Teaching: 3 YEARS & 8 MONTHS	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil		International Journals : 01	
Number of Papers Presented	National Conferences: 01		International Conferences : 01	
Books Published	National Publisher : Nil		International Publisher : Nil	
Contact Details	E Mail: <a href="mailto:tamilecesec@gmail.com">tamilecesec@gmail.com</a>		Mobile: +91 -7418546927	

### **Publications (International Journals)**

1. Maheswari S, and Thamizhazhakan K, “DWT based audio watermarking using energy comparison”, International Journal of Emerging Technology In Computer Science & Electronics, Vol. 20, No. 2, pp. 23-27 February 2016.

### **Paper Presented in International Conferences**

1. Maheswari S, and Thamizhazhakan K, “DWT based audio watermarking using energy comparison”, International conference on advances in electrical, electronics and computational intelligence 2016 (ICAEECI 2016), pp.1-6, K.S.R. College of Engineering, Tiruchengode, February 2016.

### **Paper Presented in National Conferences**

1. Thamizhazhakan K, “Data Reduction, Data efficient Communication in Wireless Networks”, R.V.S College of Engineering and Technology, Coimbatore, 2015.

Name	S.ARTHANAREESWARAN			
Department & Designation	ASSISTANT PROFESSOR			
Qualification	MCA.,M.Tech.			
Area Specialization of	Software Engineering			
Date of Joining (KSR IET)	03.06.2021			
Experience (as on)	Teaching:1	Industry:00	Others: 01	
Number of PapersPublished	National Journals : 00		International Journals : 00	
Number of PapersPresented	National Conferences : 03		International Conferences : 00	
Books Published	National Publisher : 00		Internationalpublisher : 00	
Contact Details	E Mail: <a href="mailto:sarthu87@gmail.com">sarthu87@gmail.com</a>		Mobile:9788450468	

### Publications (National Conferences)

- National level seminar on “EARTH QUAKE ALERTS THROUGH GSM NETWORK” at Sengunthar arts and Science College, Tiruchengode
- National level seminar on “Finding DOS Attack usins Tree Construction Algorithm ” at KSR Institute for Engineering and Technology, Tiruchengode
- National level seminar on “Secure Data Transmission in Manet Usining Key Exchange algorithm” at J.K.K. Munirajah College of Technology, Erode

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903  
Website: www.nbaind.org



File No: 33-370/2017-NBA

Dated: 20-03-2019

To  
The Principal  
K S R Institute for Engineering and Technology,  
K.S.R. Kalvi Nagar,  
Tiruchengode- 637 215,  
Namakkal District,  
Tamil Nadu

**Subject: Accreditation status of programmes applied by K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu.**

Sir,

This has reference to your application I.D. No. 2535-01/09/2017 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered by K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu.

2. An Expert Team conducted on-site evaluation of the programs from 1<sup>st</sup> to 3<sup>rd</sup> February, 2019. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2019-2020 to 2021-2022 i.e. upto 30-06-2022	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Electrical & Electronics Engineering		Accredited		
3.	Information Technology		Accredited		
4.	Electronics & Communication Engineering		Accredited		
5.	Computer Science & Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

Contd/...



5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **K S R Institute for Engineering and Technology, K.S.R. Kalvi Nagar, Tiruchengode- 637 215, Namakkal District, Tamil Nadu** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

  
(Dr. Anil Kumar Nassa)  
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.  
2. Copy each of Expert Reports of the Visiting Team.

**Copy to:**

1. The Registrar,  
Anna University, Guindy  
Tamil Nadu-600025
2. The Principal Secretary (Higher Education)  
Government of Tamil Nadu  
N.K.M. Building, 6<sup>th</sup> Floor, Secretariat  
Chennai-600009  
Tamil Nadu
3. The Commissioner,  
Directorate of Technical Education  
Sardar Patel Road, Guindy  
Chennai-600025, Tamil Nadu
4. Accreditation File
5. Master Accreditation file of the State



# ANNA UNIVERSITY

SARDAR PATEL ROAD, CHENNAI - 600 025

REGISTRAR

Phone : +91 - 44 - 2235 2161  
Office : +91 - 44 - 2235 7004  
+91 - 44 - 2235 7003  
Fax : +91 - 44 - 2235 1956  
E-mail : registrar@annauniv.edu

Lr. No. 02/AFFLN/CAI/CBE/AU/2021-2022/7316

Date : 28-07-2021

To

The Principal

**K S R Institute for Engineering and Technology**  
**K S R Kalvi Nagar, Tiruchengode - 637215.**

Sir,

KSRIET - TIRUCHENGODE.	
Inward No.	3064
Date	31/7/21
Attention	
Principal	
Re No.	

Sub : Anna University - Provisional Affiliation for the Existing course(s) / New course(s) / Variation in intake - U.G. / P.G. for the academic year 2021-2022 - granted - Reg.

Ref : 1. Your application for affiliation for the academic year 2021-2022

2. AICTE / COA / DGS Approval for the academic year 2021-2022 - submitted by the college

I am to inform that under the provisions of Section 7.6.1 of the Statutes for Affiliation of Anna University, Chennai, **Provisional Affiliation** for the continuation of the existing course(s) / new course(s) / variation in intake in the existing course(s) is granted for the following U.G / P.G. courses with the sanctioned intake mentioned against each course for the academic year **2021-2022** at **K S R Institute for Engineering and Technology, K S R Kalvi Nagar, Tiruchengode - 637215.**

Sl. No.	Degree	Course(s)	Sanctioned Intake	
			2020-2021	2021-2022
1.	B.E.	BioMedical Engineering	60	60
2.	B.E.	Computer Science and Engineering	60	60
3.	B.E.	Electrical and Electronics Engineering	60	60
4.	B.E.	Electronics and Communication Engineering	60	60
5.	B.E.	Mechanical Engineering	60	60
6.	B.Tech.	Information Technology	60	60
7.	M.E.	Big Data Analytics	6	6
8.	M.E.	CAD/CAM	6	6
9.	M.E.	Embedded System Technologies	6	6
10.	M.E.	Software Engineering	6	6

**The above said Provisional Affiliation is being granted subject to the fulfillment of the conditions mentioned below:**

- Production of originals of AICTE / COA / DGS approval and all other related documents for verification, whenever demanded by the University.
- Verification by a Committee towards the fulfillment of the conditions mentioned above and the continued fulfillment of the requirements for the above-mentioned course(s) as per the norms



and standards of AICTE / University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for the above courses. In the event of any violation/infringement of the above said conditions and / or the provisions of Anna University, Chennai Act / Statutes / Regulations, AICTE Act, norms & standards / regulations / guidelines or any other law being in force, suitable action including suspension / withdrawal of affiliation of course(s) may be initiated against the college.

- Students should not be admitted for the above course(s) for the next academic year 2022-2023 without obtaining the order of continuation of provisional affiliation for the next academic year from the University.

The Provisional Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of TAMILNADU Reforms (LC) Act 1961 subject to the decision of the Hon`ble High Court of Madras in W.A. No. 3454 / 2002 batch and W.A. No. 3482 / 2002 batch.



Copy to:



  
28/7/21  
REGISTRAR  
REGISTRAR  
Anna University  
Chennai - 25

1. The Controller of Examinations, Anna University, Chennai - 600 025.
2. The Commissioner of Technical Education, DOTE campus, Chennai - 600 025.
3. The Regional Officer, Southern Regional Office, AICTE, 26, Haddows Road, Shastri Bhawan, Chennai - 600 006.
4. The Chairman, All India Council For Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070.
5. Master file.

PROGRESS THROUGH KNOWLEDGE





## APPROVAL PROCESS 2021-22

### Extension of Approval (EoA)

F.No. Southern/1-9317445459/2021/EOA

Date: 02-Jul-2021

To,

The Principal Secretary  
(Higher Education) Govt. of Tamil Nadu,  
N. K. M. Bld. 6th Floor Secretariat,  
Chennai-600009

**Sub: Extension of Approval for the Academic Year 2021-22**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2021 Notified on 4th February, 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

<b>Permanent Id</b>	1-501005591	<b>Application Id</b>	1-9317445459
<b>Name of the Institution /University</b>	K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY	<b>Name of the Society/Trust</b>	AARTHI EDUCATIONAL AND CHARITABLE TRUST
<b>Institution /University Address</b>	KSR KALVI NAGAR, TIRUCHENGODE., TIRUCHENGODE, NAMAKKAL, Tamil Nadu, 637215	<b>Society/Trust Address</b>	47-C, KOLIKALNATHAM ROAD, VAIVITHOTAM, TIRUCHENGODE., NAMAKKAL, NAMAKKAL, Tamil Nadu, 637211
<b>Institution /University Type</b>	Private-Self Financing	<b>Region</b>	Southern

**To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22**

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	Anna University, Chennai	60	60	NA	NA



ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INFORMATION TECHNOLOGY	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	EMBEDDED SYSTEMS TECHNOLOGIES	Anna University, Chennai	6	6	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	CAD/CAM	Anna University, Chennai	6	6	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	SOFTWARE ENGINEERING	Anna University, Chennai	6	6	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	BIOMEDICAL ENGINEERING	Anna University, Chennai	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	BIG DATA ANALYTICS	Anna University, Chennai	6	6	NA	NA

**Course(s) Applied for Closure by the Institution for the Academic Year 2021-22**

Program	Level	Course	Affiliating Body (Univ/Body)	Course Closure Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CYBER SECURITY	Anna University, Chennai	Approved

**It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)**

### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Prof.Rajive Kumar**  
**Member Secretary, AICTE**

Copy \*\* to:

1. **The Director of Technical Education\*\*, Tamil Nadu**
2. **The Registrar\*\*,  
Anna University, Chennai**
3. **The Principal / Director,  
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY  
Ksr Kalvi Nagar, Tiruchengode.,  
Tiruchengode,Namakkal,  
Tamil Nadu,637215**
4. **The Secretary / Chairman,  
47-C,KOLIKALNATHAM ROAD, VAIVITHOTAM, TIRUCHENGODE.  
NAMAKKAL,NAMAKKAL  
Tamil Nadu,637211**
5. **The Regional Officer,  
All India Council for Technical Education  
Shastri Bhawan 26, Haddows Road  
Chennai - 600 006, Tamil Nadu**
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/> .

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*



**GOVERNMENT OF TAMILNADU  
DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE**

**OCCUPATION CERTIFICATE (குடியேறும் சான்றிதழ்)**

**(Given Under Sec 26, 33 of TNPH Act 1939)**

**Certificate No:13079/A4/2017**

**Date: 9 .01.2018**

This is to certify that the building of K.S.R.Institute for Engineering and Technology situated at the S.F.No:206, 202/2, 202/3, 202/4, 205/1, 202/1, K.S.R.Kalvi Nagar, Thokkavadi Post, Tiruchengode Taluk, Namakkal District is provided with water, Sanitation, Drainage facility as per requirement of the TNPH Act 1939 and fit for occupation. This Certificate is given with the following conditions.

1. The Certificate is valid for this Building only on S.F.No:206, 202/2, 202/3, 202/4, 205/1, 202/1 of Building.
2. On inspection water, sanitation, drainage, septic tank facility to be maintained properly.
3. If any New Building/Additional Building is built separate certificate should be obtained for that.
4. No sullage, sewage should be let out in street or in any other water course.
5. The Building should not be a place for Fly Nuisance.
6. The Building should not be a place for Mosquito Nuisance.
7. The Building should not be a place of infective disease like ADD, Cholera and other Communicable Diseases.
8. The solid waste should be disposed hygienic method
9. If swimming pool is maintained it should be free from infection.
10. If the building is not properly maintained the certificate is liable to be cancelled.



Signature :

Designation : **Deputy Director of Health Services  
Namakkal.**

Signature :

Designation :

**Block Health Supervisor,  
Tiruchengode Block,  
Govt. Primary Health Centre,  
ERAYAMANGALAM-637 210**