6.3.3 Average Number of Professional Development / Administrative Training Programs Organized by the Institution for Teaching and Non-teaching Staff during the Year 2021 – 2022

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6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff (5)

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
ACADEMIC YEAR 2021-22			
	CSE		
23-06-2021	Introduction Artificial Intelligence	Nil	13
28-07-2021	What is Edge Computing	Nil	12
29-07-2021	Getting Started With Google Forms and Google Calendar	Nil	10
28-07-2021	Computational Intelligence	Nil	11
25-08-2021	Carrieir Oppurtunities in Quantum Computing	Nil	11
29-09-2021	Robotics Engineer	Nil	12
27-10-2021	Opportunities in Cybersecurity	Nil	12
29-12-2021	What is Bioinformatics	Nil	13
05-01-2021	How to get Patents for research work	Nil	11
23-02-2022	Data Science and its applications	Nil	11
30-03-2022	Full Stack Development	Nil	11
20-04-2022	R programming	Nil	12
27-04-2022	Virtual Reality and Augmented Reality	Nil	12
	EEE		
06-07-2021	Power Electronics Applications in Smart Grid and Electric Vehicle	Nil	15
04-08-2021	Soft Computing Techniques and Their Applications in Electrical Engineering	Nil	15
18-08-2021	Future Perspective of Semiconductor Devices	Nil	15
01-09-2021	AI Solution for Optimum Utilization of Power and Energy	Nil	15
06-10-2021	Management of Intellectual Property (IP) and Innovation	Nil	15
23-02-2022	Collaboration of AI with AR and VR	Nil	15
28-02-2022	Machine Learning for Signal Processing	Nil	14
02-03-2022	Robotics and Artificial Intelligence	Nil	15
23-03-2022	Electric charging Station for Vehicle	Nil	15
30-03-2022	Basics of Electric Vehicle	Nil	15
08-04-2022	Student Learning Assessment	Nil	14
13-04-2022	Research Applications in Machine Learning-2022	Nil	13
	ECE		
10-08-2021	Object Detection for Blind people Using Open CV method	Nil	13
17-08-2021	Lora based wireless weather station monitoring	Nil	13
07-09-2021	Electromagnetic-Real World Signals	Nil	13
21-09-2021	Nanotechnology in Medicine and health care	Nil	13
05-10-2021	WIFI Based Location Identification	Nil	13
02-11-2021	ECG signal analysis using edge and IOT Devices	Nil	13
16-11-2021	AI based Dry Plant Detection & Moisture Control Using Raspberry PI	Nil	13

07-12-2021	Cold supply chain risk monitoring and safety alerting system using IoT	Nil	13
02-03-2022	Real Time Vehicle Security System through Face Recognition	Nil	13
16-03-2022	Smart Connected Vehicles Using IoT	Nil	13
12-04-2022	Microstrip Patch Antenna for Medical Applications	Nil	13
24-04-2022	Challenges of Internet of Things	Nil	13
10-05-2022	Meander Infused MIMO for 5G Applications	Nil	13
MECH			
05-08-2021	Failure Analysis of EN36C Bore well Drill Bit	Nil	15
27-08-2021	Modeling and Analysis of Herring bone Gears using windmill Gearbox	Nil	15
03-09-2021	Smart materials- An overview	Nil	15
23-09-2021	Orbital TIG welding - An overview	Nil	15
04-12-2021	Block Chain Analytics and Big Data - The Future of Business Process	Nil	15
13-12-2021	Robotics and Artificial Intelligence	Nil	15
05-01-2022	Investigation and Improving impact strength of Hybrid composites on two wheelers side	Nil	15
28-01-2022	Cryogenic Machining	Nil	15
IT			
23-06-2021	How to publish a research paper in Quality journals	Nil	11
28-07-2021	Computational Intelligence	Nil	11
25-08-2021	Microsoft Azure AI Fundamentals	Nil	11
29-09-2021	Privacy - Preserving AI techniques for Machine Learning	Nil	10
27-10-2021	How to get Patents for Research Work	Nil	11
29-12-2021	Artificial Intelligence in healthcare	Nil	11
23-02-2022	Block Chain Technology	Nil	11
30-03-2022	How to get Patents for Research Work	Nil	10
27-04-2022	Data Analytics using R programming	Nil	11
25-05-2022	Mock Interview for Industry Readiness	Nil	11
BME			
03-08-2021	Computational Synthetic and System Biology	Nil	3
14-09-2021	Computer Aided Drug design in drug discovery	Nil	5
01-02-2022	Advancements computational and Experimental Research in Medical Physics	Nil	3
08-02-2022	Industry 4.0	Nil	5
22-02-2022	Photonics and Its Applications	Nil	5
23-02-2022	Collaboration of AI with AR and VR	Nil	4
09-03-2022	Practical Aspects of Intelluctual Propoerty Rights	Nil	4
IQAC			
24-09-2021	Outcome Based Education & Assessment of CO-PO Attainment	Nil	80
12-06-2022	Impacts and Challenges in Ameliorating Featured New Education Policy in Engineering Education	Nil	47

HRD			
28-09-2021-29-09-2021	Induction Programme	Nil	23
21-06-2021	Yoga Club & NCC	Nil	64
NON TEACHING			
21-12-2021	Nil	Poster / Banner Designing	40
21-12-2021	Nil	Basic Fire Fighting and First Aid	40
22-12-2021	Nil	PC Troubleshooting & Google Form Preparation	36
23-12-2021	Nil	MS Office Tools (Word)	40
24-12-2021	Nil	MS Office Tools (Excel)	40

CSE

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

TIRUCHENGODE-637 215

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/35 Date:23.05.2022

CIRCULAR

It is planned to organize an Orientation Programme on Industry Expectations from Students organized for Teaching Staffs.The session will be handled by Mrs.P.Nithya, ASSISTANT PROFESSOR/CSE, KSRIET on 29.05.2022. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

23/5/22

Co-ordinator

[Mr.P.Anispremkoilraj]

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[Dr.M.VimalaDevi]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Orientation Programme on Industry Expectations from Students" on 29.05.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Dr K.Sumathi	CSE	ASSOCIATE PROFESSOR	
3.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
5.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
6.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	
7.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
8.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
9.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
10.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
11.	Mrs.A.Sathana	CSE	ASSISTANT PROFESSOR	
12.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
13.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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Co-ordinator
(Mr.P.Anispremkoilraj)

HOD/CSE
(Dr.M.VimaladeVi)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on Industry Expectations from Students

Date: 28.05.2022.

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	29.05.2022	Industry Expectations from Students • Professionalism • Leadership qualities • Updated with Latest in Technology • Common Skills • Responsible • Versatality	Mrs.P.Nithya, Assistant Professor/CSE, KSRIET

29/5/22

Co-ordinator

[Mr.P.Anilpremkoilraj]

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[Dr.M.VimalaDevi]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/32 Date:20.04.2022

CIRCULAR

It is planned to organize an Orientation Programme on Virtual Reality and Augmented Reality organized for Teaching Staffs.The session will be handled by Mrs.A.Suhana, ASSISTANT PROFESSOR/CSE, KSRIET on 27.04.2022. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

20/4/22
Co-ordinator
[Mr.P.Anispremkolraj]

20/4/22
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[Dr.M.VimalaDevi]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Orientation Programme on Virtual Reality and Augmented Reality" on 27.04.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
5.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	
6.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
7.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
8.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
9.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
10.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
11.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
12.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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Co-ordinator

[Mr.P.Anispremkoilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on Virtual Reality and Augmented Reality

Date: 27.04.2022

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	27.04.2022	Virtual Reality and Augmented Reality • virtual world • immersion • sensory feedback • interactivity	Mrs.A.Suhana, Assistant Professor/CSE, KSRIET

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Co-ordinator
[Mr.P.Anispremkoilraj]

27/4/22
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/09 Date:11.04.2022

CIRCULAR

It is planned to organize an Orientation Programme on R programming organized for Teaching Staffs.The session will be handled by Mr.M.Boobalan, PROFESSOR/CSE, KSRIET on 20.04.2022. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

Co-ordinator

[Mr.P.Anbuvemkoilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Orientation Programme on R programming"

on 20.04.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
5.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	
6.	Mrs.V.Soumitha	CSE	ASSISTANT PROFESSOR	
7.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
8.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
9.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
10.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
11.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
12.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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Co-ordinator

[Mr.P.Anispremkoilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on R programming

Date: 20.04.2022

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	20.04.2022	R programming • Getting Started with the R Programming Language. Use basic R syntax. Explain the concepts of objects and assignment. • Installing & Updating Packages in R. Describe the basics of an R package • Build & Work With Functions in R. Explain why we should divide programs into small, single-purpose functions	Mr.M.Boobalan, Assistant Professor/CSE, KSRIET

20/4/22

Co-ordinator

[Mr.P.Anispremkoilraj]

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ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/25 Date:23.03.2022

CIRCULAIR

It is planned to organize an Orientation Programme on Full Stack Development organized for Teaching Staffs.The session will be handled by Mr.P.Anispremkoilraj, PROFESSOR/CSE, KSRIET on 30.03.2022. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

23/3/22
Co-ordinator

[Mr.P.Anispremkoilraj]

23/3/22
HOD/CSE

[Dr.M.VanakaDevi]

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Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Full Stack Development

" on 30.03.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	30/3/22
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	30/3/22
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	30/3/22
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	30/3/22
5.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	30.03.22
6.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	30/3/22
7.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	30/3/22
8.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	30/3
9.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	30/3/22
10.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	30/3/22
11.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	30/3/22

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30/3/22

Co-ordinator

[Mr.P.Anispremkoilraj]

30/3/22

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on "Full Stack Development"

Date: 30.05.2022

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	23.06.2021	Full Stack Development • Front-end technology • Development Languages • Database and cache • Basic design ability • Server • Version control system (VCS) • Working with API (REST & SOAP)	Mr.P.Anispremkoilraj, Assistant Professor/CSE, KSRIET

30/3/22

Co-ordinator

[Mr.P.Anispremkoilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/29 Date:17.02.2022

CIRCULAR

It is planned to organize an Orientation Programme on Data Science and its applications organized for Teaching Staffs.The session will be handled by Mr.K.Vinoth, ASSISTANT PROFESSOR/CSE, KSRIET on 23.02.2022. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

Co-ordinator

[Mr.P.Anupreamkeilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staffs

The Participants list to attend the "Orientation Programme on Data Science and its applications" on 23.02.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
5.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
6.	Mr. K.Vinoth	CSE	ASSISTANT PROFESSOR	
7.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
8.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
9.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
10.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
11.	Mr. P.Anispremkodiraj	CSE	ASSISTANT PROFESSOR	

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Co-ordinator

[Mr.P.Anispremkodiraj]

HOD/CSE

[Dr.M.VimalaDevi]

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Tiruchengode – 637 215, Tamil Nadu

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on Data Science and its applications

Date: 23.02.2022

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	23.02.2022	**Data Science and its applications** • In Search Engines. The most useful application of Data Science is Search Engines. ... • In Transport. Data Science also entered into the Transport field like Driverless Cars. ... • In Finance. Data Science plays a key role in Financial Industries. ... • In E-Commerce. ... In Health Care.	Mr.K.Vinoth, Assistant Professor/CSE, KSRIET

23/2/22

Co-ordinator

[Mr.P.Aniyeenkoilraj]

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TIRUCHENGODE - 637 215,
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23/2/22

HOD/CSE

[Dr.M.VimalaDevi]

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

TIRUCHENGODE-637 215

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/16 Date:29.12.2021

CIRCULAR

It is planned to organize an Orientation Pregramme on How to get Patents for research work organized for Teaching Staffs. The session will be handled by Mrs.V.Sowmitha, ASSISTANT PROFESSOR/CSE, KSRIET on 5.1.2022. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

Co-ordinator

[Mr.P.Anispremkoilraj]

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K. S. R. Kalvi Nagar,
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[Dr.M.VimalaDevi]

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Affiliated to Anna University

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staffs

The Participants list to attend the "How to get Patents for research work"

on 5.1.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
5.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
6.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
7.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
8.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
9.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
10.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
11.	Mr.P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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Co-ordinator

[Mr.P.Anispremkoilraj]

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[Dr.M.VimaladeVi]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on How to get Patents for research work

Date: 5.1.2022

Session Details

S.No	Date	Session 1 6.30 to 7.00 PM	Resource Person
1	5.1.2022	How to get Patents for research work • Strike Early By Prioritizing Patents • Know What Can Be Patented • Conduct a Thorough Patent Search. • Choose the Type of Patent Protection Skillfully Draft Your Patent Application.	Mrs.V.Sowmitha, Assistant Professor/CSE, KSRMET

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Co-ordinator

[Mr.P.Anisprembolinraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/14 Date:22.12.2021

CIRCULAR

It is planned to organize an Orientation Programme on What is Bioinformatics organized for Teaching Staffs. The session will be handled by Mrs.S.Vimala, ASSISTANT PROFESSOR/CSE, KSRIET on 29.12.2021. All the Teaching staffs are asked to attend the session and make use of it.The lists of participant 'are attached herewith.

Co-ordinator

[Mr.P.Anispremkoilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staffs

The Participants list to attend the "Orientation Programme on 'What is Bioinformatics"

on 29.12.2021

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Dr K.Sumathi	CSE	ASSOCIATE PROFESSOR	
3.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
5.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
6.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	
7.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
8.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
9.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
10.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
11.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
12.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
13.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on "What is Bioinformatics"

Date: 29.12.2021

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	29.12.2021	**What is Bioinformatics** • high-throughput and high-fidelity quantification and sub-cellular localization (high-content screening, cytohistopathology, Bioimage informatics) • morphometrics • clinical image analysis and visualization • determining the real-time air-flow patterns in breathing lungs of living animals • quantifying occlusion size in real-time imagery from the development of and recovery during arterial injury • making behavioral observations from extended video recordings of laboratory animals • infrared measurements for metabolic activity determination inferring clone overlaps in DNA mapping, e.g. the Sulston score	Mrs.S.Vimala, Assistant Professor/CSE, KSRIET

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/13 Date:20.10.2021

CIRCULAR

It is planned to organize an Orientation Programme on Opportunities in Cybersecurity organized for Teaching Staffs. The session will be handled by Mr.V.Gopinath, ASSISTANT PROFESSOR/CSE, KSRIET on 27.10.2021. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

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Co-ordinator
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staffs

The Participants list to attend the "Orientation Programme on Opportunities in Cybersecurity" on27.10.2021

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
5.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	
6.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
7.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
8.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
9.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
10.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
11.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
12.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on "Opportunities in Cyber security"

Date: 27.10.2021

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	27.10.2021	**Opportunities in Cybersecurity** • secure coding practice and vulnerability detection; • risk assessment; • secure network design and architecture; • firewall architecture; • computer forensics; • identity and access management; • virtualization technologies; • defending against advanced persistent threats, malware, phishing and social engineering; and • encryption technologies.	Mr.V.Gopinath, Assistant Professor/CSE, KSRIET

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/11 Date:22.09.2021

CIRCULAR

It is planned to organize an Orientation Programme on Robotics Engineer organized for Teaching Staffs.The session will be handled by Mr.V.Prabakaran, ASSISTANT PROFESSOR/CSE, KSRIET on 29.09.2021. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

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Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Orientation Programme on Robotics Engineer" on 29.09.2021

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Dr K.Sumathi	CSE	ASSOCIATE PROFESSOR	
3.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
5.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
6.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
7.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
8.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
9.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
10.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
11.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
12.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on "Robotics Engineer"

Date: 29.09.2021

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	29.09.2021	Robotics Engineer • Conduct research to determine the parameters of a robotic application • Design robotic systems from start to finish • Develop and implement software that will control robots • Create prototypes and work on necessary components (e.g. microprocessors) • Develop cost-effective and efficient processes to produce the machines • Perform integration tests and quality control • Apply machine learning techniques • Create complete documentation for robotic systems • Monitor the use of robotic systems and optimize their functionality • Troubleshoot defects in the robot design Keep abreast of advancements in robotics and relevant fields of engineering	Mr.V.Prakasham, Professor/CSE, KSRIET

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/09 Date:18.08.2021

CIRCULAR

It is planned to organize an Orientation Programme on Carrieir Opportunities in Quantum Computing organized for Teaching Staffs. The session will be handled by Mrs.R.Deebika, ASSISTANT PROFESSOR/CSE, KSRIET on 25.08.2021. All the Teaching staffs are asked to attend the session and make use of it. The lists of participants are attached herewith.

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Co-ordinator
[Mr.P.Anëspremkoilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Orientation Programme on Carrieir Oppurtunities in Quantum Computing" on 25.08.2021

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	25/8/21
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	25/8/21
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	25/8/21
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	25/8/21
5.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	25.08.21
6.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	25/8/21
7.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	25/8/21
8.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	25/8/21
9.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	25/8/21
10.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	25/8/21
11.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	25/8

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on "Carrieir Oppurtunities in Quantum Computing"

Date: 25.08.2021

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	25.08.2021	**Carrieir Oppurtunities in Quantum Computing** • Quantum Machine Learning Scientist. ... • Quantum Software Engineer. ... • Qubit Researcher. ... • Quantum Control Researcher. ... • Quantum Error Correction Researcher. ... • Quantum Algorithms Researcher. ... • Quantum Cryogenic Engineer. ... • Quantum Microwave Engineers.	Mrs.R.Deebika, Assistant Professor/CSE, KSRIET

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25/8/21
Co-ordinator
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25/8/21
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/08 Date:26.07.2021

CIRCULAR

It is planned to organize an Orientation Programme on Getting Started with Google Forms and Google Calendar organized for Supporting Staff.The session will be handled by Mr.K.Vinoth, AP/CSE, KSRIETON 29.07.2021.All the Teaching and Supporting staffs are asked to attend the session and make use of it. The lists of participants are attached herewith.

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26/7/21

Co-ordinator

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021-2022

List of Teaching and Supporting Staffs

The Participants list to attend the "Orientation Programme on Getting Started with Google Forms and Google Calendar" on 29.07.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	T. UDHAYA	CSE	LAB INSTRUCTOR	
2.	M. SARAVANARAJ	CSE	LAB INSTRUCTOR	
3.	ABIVIRUTHI	CSE	LAB INSTRUCTOR	
4.	Mrs.V.SOWMITHA	CSE	ASSISTANT PROFESSOR	
5.	Mrs. S.VIMALA	CSE	ASSISTANT PROFESSOR	
6.	Mr.C.MAHAVISHNU	CSE	ASSISTANT PROFESSOR	
7.	Mr.M.BOOBALAN	CSE	ASSISTANT PROFESSOR	
8.	Mrs.A.SUHANA	CSE	ASSISTANT PROFESSOR	
9.	Mrs.P.NITHYA	CSE	ASSISTANT PROFESSOR	
10.	Mr.P.ANISPREMKOILRAJ	CSE	ASSISTANT PROFESSOR	

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Co-ordinator

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on Getting Started with Google Forms and Google Calendar

Date: 29.07.2021

Session Details

S.No	Date	Session 1 6.00 PMto 7.00 PM	Resource Person
1	29.07.2021	**Google Form** • Why Google Form is so valuable • How to access Google Forms • Add Title and Description to Google Form • Adding and Editing Questions • Different Question Types in Google Forms • Changing Question Options • Adding a Multiple Choice Question • Adding Images to a Question • Adding Images or Video to Google Forms • Adding a Section to Google Forms • Changing the Google Form Theme • Previewing the Google Form • Editing Google Form Settings • Converting Form to a Quiz • How to Send a Google Form • Viewing Responses in Google Forms • Viewing Responses in Google Sheets	ATTESTED. PRINCIPAL, K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY, K. S. R. Kalvi Nagar, TIRUCHENGODE - 637 215, NAMAKKAL Dt, TAMIL NADU. Mr.K.Vinoth, AP/CSE, KSRIET

S.No	Date	Session 2 7.00 to 8.00 PM	Resource Person
2	29.07.2021	Google Calendar - Why use Google Calendar? - Getting Started - 15 Need/Nice to Know Table of Contents - Personalizing Your Google Calendar - Organization Tips for Google Calendar - Sharing Work and Home Calendars - Advanced Tutorials, Tips, and Tricks	Mr.K.Vinoth, AP/CSE, KSRIET

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Co-ordinator

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/07 Date:16.07.2021

CIRCULAR

It is planned to organize an Orientation Programme on Introduction to Artificial Intelligence organized for Teaching Staffs. The session will be handled by Dr.K.Sumathi, ASSOCIATE PROFESSOR/CSE, KSRIET on 28.06.2021. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

16/7/21

Co-ordinator

[Mr.P.Anispremkoilraj]

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staffs

The Participants list to attend the "Orientation Programme on Computational Intelligence" on 23.02.2022

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
5.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
6.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
7.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
8.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
9.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
10.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
11.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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23/2/22

Co-ordinator

[Mr.P.Anispremkoilraj]

23/2/22

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on Computational Intelligence

Date: 28.07.2021

Session Details

S.No	Date	Session I 6.00 to 7.00 PM	Resource Person
1	28.07.2021	**Computational Intelligence** • Data Collection. → The quantity & quality of your data dictate how accurate our model is. ... • Data Preparation. → Wrangle data and prepare it for training. ... • Choose a Model. ... • Train the Model. ... • Evaluate the Model. ... • Parameter Tuning. ... Make Predictions.	Dr.K.Sumathi, Associate Professor/CSE, KSRIET

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K. S. R. Kalvi Nagar,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

28/7/21
Co-ordinator
[Mr.P.Anilspremkoilraj]

28/7/21
HOD/CSE
[Dr.M.VimalaDevi]

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

TIRUCHENGODE-637 215

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/06 Date:21.06.2021

CIRCULAR

It is planned to organize an Orientation Programme on What is Edge Computing organized for Teaching Staffs.The session will be handled by Dr.M.Vimaladevi, ASSOCIATE PROFESSOR/CSE, KSRIET on 28.07.2021. All the Teaching staffs are asked to attend the session and make use of it.The lists of participants are attached herewith.

P.A 21/6/21
Co-ordinator

[Mr.P.Anispremkoilraj]

21/6/21
HOD/CSE

[Dr.M.VimalaDevi]

Circulated to

1. All HOD's
2. Notice Board

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K. S. R. Kalvi Nagar,
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NAMAKKAL Dt, TAMIL NADU.

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE-637 215

Affiliated to Anna University

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Orientation Programme on What is Edge Computing"

on 28.07.2021

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
3.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
5.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	
6.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
7.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
8.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
9.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
10.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
11.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
12.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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K. S. R. Kalvi Nagar,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

Co-ordinator

[Mr.P.Anispremkoilraj]

HOD/CSE

[Dr.M.VimalaDevi]

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode – 637 215, Tamil Nadu

(Approved by AICTE, New Delhi and Affiliated by Anna University, Chennai)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on What is Edge Computing

Date: 23.06.2021

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	23.06.2021	What is Edge Computing • Processing Data Closer To Where It's Being Generated • Enabling Processing At Greater Speeds And Volumes • Leading To Greater Action-Led Results In Real Time.	Dr.M.Vimaladevi, Associate Professor/CSE, KSRIET

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TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

23/6/21

Co-ordinator

[Mr.P.Anispremkoilraj]

23/6/21.

HOD/CSE

[Dr.M.VimaladeVi]

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,

TIRUCHENGODE-637 215

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2021-2022

REF:KSRIET/CSE/PROGRAMME/2021-2022/04 Date:17.06.2021

CIRCULAR

It is planned to organize an Orientation Programme on Introduction to Artificial Intelligence organized for Teaching Staffs. The session will be handled by Dr.B.Kalaavathi, PROFESSOR/CSE, KSRIET on 23.06.2021. All the Teaching staffs are asked to attend the session and make use of it.The lists of particip ants are attached herewith.

17/6/21

Co-ordinator

[Mr.P.Anispremkoth raj]

17/6/21

HOD/CSE

[Dr.M.VimalaDevi]

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NAMAKKAL Dt, TAMIL NADU.

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE-637 215

Affiliated to Anna University

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year: 2021 -2022

List of Teaching Staff

The Participants list to attend the "Orientation Programme on Introduction to Artificial Intelligence" on 23.06.2021

S.No	Name of the Staff	Department	Designation	Signature
1.	Dr.M.Vimaladevi	CSE	ASSOCIATE PROFESSOR	
2.	Dr K.Sumathi	CSE	ASSOCIATE PROFESSOR	
3.	Mrs.R.Deebika	CSE	ASSISTANT PROFESSOR	
4.	Mr.V.Prakasham	CSE	ASSISTANT PROFESSOR	
5.	Mr.V.Gopinath	CSE	ASSISTANT PROFESSOR	
6.	Mrs.S.Vimala	CSE	ASSISTANT PROFESSOR	
7.	Mrs.V.Sowmitha	CSE	ASSISTANT PROFESSOR	
8.	Mr.K.Vinoth	CSE	ASSISTANT PROFESSOR	
9.	Mr.C.Mahavishnu	CSE	ASSISTANT PROFESSOR	
10.	Mr.M.Boobalan	CSE	ASSISTANT PROFESSOR	
11.	Mrs.A.Suhana	CSE	ASSISTANT PROFESSOR	
12.	Mrs.P.Nithya	CSE	ASSISTANT PROFESSOR	
13.	Mr. P.Anispremkoilraj	CSE	ASSISTANT PROFESSOR	

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K. S. R. Kalvi Nagar,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

23/6/21
Co-ordinator
[Mr.P.Anispremkoilraj]

23/6/21
HOD/CSE
[Dr.M.VimalaDevi]

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode – 637 215, Tamil Nadu

(Approved by AICTE, New Delhi and Affiliated by Anna University, Chennai)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR: 2021-2022

Orientation Programme on Introduction on Artificial Intelligence

Date: 23.06.2021

Session Details

S.No	Date	Session 1 6.00 to 7.00 PM	Resource Person
1	23.06.2021	Artificial Intelligence • Natural language processing (NLP) • Expert systems • Robotics • Intelligent agents • Computational intelligence • Supervised Machine Learning. ... • Unsupervised Machine Learning	Dr.B.Kalaavathi, Professor/CSE, KSRIET

23/6/21

Co-ordinator

[Mr.P.Anispremkolraj]

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K. S. R. Kalvi Nagar,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

23/6/21

HOD/CSE

[Dr.M.VimalaDevi]

EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/1 DATE: 05.07.2021

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 06.07.2021 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Power Electronics Applications in Smart Grid and Electric Vehicle

Session by: Dr.R.Jeyabharath

5/7/21

CART Coordinator

PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DT. TAMIL NADU.

5/7/21

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 06.07.2021

Topic: Power Electronics Applications in Smart Grid and Electric Vehicle

Session by: Dr.R.Jeyabharath

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.P.Veena	
2.	Dr.T.Srihari	
3.	Dr.C.Santhakumar	
4.	Dr.A.Murugesan	
5.	Dr.S.Velmurugan	-AB-
6.	Mr.Y.Kalimuthu	
7.	Mr.M.A.Stephenraj	
8.	Ms.R.Sacithraa	
9.	Ms.K.Meenatchi	
10.	Mr.C.Sivakumar	
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	-AB-
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 13

CART Coordinator 6/7/21

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HoD/EEE 6/7/21

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/2 DATE: 01.08.2021

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 04.08.2021 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Soft Computing Techniques and Their Applications in Electrical Engineering

Session by: Dr.A.Murugesan

CART Coordinator 18/8/21

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ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

HoD/EEE 2/8/21

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 04.08.2021

Topic: Soft Computing Techniques and Their Applications in Electrical Engineering

Session by: Dr.A.Murugesan

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.S.Velmurugan	
6.	Mr.Y.Kalimuthu	
7.	Mr.M.A.Stephenraj	
8.	Ms.R.Sacithraa	AB
9.	Ms.K.Meenatchi	
10.	Mr.C.Sivakumar	
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 14

CART Coordinator

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TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/3 DATE: 16.08.2021

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 18.08.2021at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Future Perspective of Semiconductor Devices

Session by: Mr.Y.kalimuthu

16/8

CART Coordinator

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TIRUCHENGODE-637 215,
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16/8/21

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 18.08.2021

Topic: Future Perspective of Semiconductor Devices

Session by: Mr.Y.kalimuthu

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Dr.S.Velmurugan	
7.	Mr.M.A.Stephenraj	
8.	Ms.R.Sacithraa	
9.	Ms.K.Meenatchi	
10.	Mr.C.Sivakumar	18/8/21
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended:15

18/8/21

CART Coordinator

PRINCIPAL
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

18/8/21

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/4 DATE: 30.08.2021

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 01.09.2021 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: AI Solution for Optimum Utilization of Power and Energy

Session by: Mrs.R.Sacithraa

30/8/21

CART Coordinator

PRINCIPAL.
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

30/8/21

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 01.09.2021

Topic: AI Solution for Optimum Utilization of Power and Energy

Session by: Mrs.R.Sacithraa

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Dr.S.Velmurugan	
7.	Mr.Y.Kalimuthu	
8.	Mr.M.A.Stephenraj	
9.	Ms.K.Meenatchi	
10.	Mr.C.Sivakumar	
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	-AB-
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 14

1/9/21
CART Coordinator

PRINCIPAL.
K S R INSTITUTE FOR
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K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

1/9/21
HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/5 DATE: 01.10.2021

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 06.10.2021 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Management of Intellectual Property (IP) and Innovation

Session by: Dr.T.Srihari

1/10/21

CART Coordinator

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TIRUCHENGODE-637 215,
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1/10/21

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 06.10.2021

Topic: Management of Intellectual Property (IP) and Innovation

Session by: Dr.T.Srihari

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.C.Santhakumar	
4.	Dr.A.Murugesan	
5.	Dr.S.Velmurugan	
6.	Mr.Y.Kalimuthu	
7.	Mr.M.A.Stephenraj	
8.	Ms.R.Sacithraa	
9.	Ms.K.Meenatchi	
10.	Mr.C.Sivakumar	
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 15

CART Coordinator

PRINCIPAL.
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TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/6 DATE: 21.02.2022

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 23.02.2022 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Collaboration of AI with AR and VR

Session by: Ms.A.Jeevitha

21/2/22

CART Coordinator

PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

21/2/22

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 23.02.2022

Topic: Collaboration of AI with AR and VR

Session by: Ms.A.Jeevitha

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Dr.S.Velmurugan	
7.	Mr.Y.Kalimuthu	
8.	Mr.M.A.Stephenraj	
9.	Ms.R.Sacithraa	
10.	Ms.K.Meenatchi	
11.	Mr.C.Sivakumar	
12.	Mr.T.Arvind	
13.	Ms.K.M.Priyadharshini	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 14

23/2/22

CART Coordinator

PRINCIPAL.
K S R INSTITUTE FOR
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K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

23/2/22

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/7 DATE: 26.02.2022

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 28.02.2022 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Machine Learning for Signal Processing

Session by: Mr.T.Arvind

CART Coordinator

PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 28.02.2022

Topic: Machine Learning for Signal Processing

Session by: Mr.T.Arvind

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Dr.S.Velmurugan	
7.	Mr.Y.Kalimuthu	
8.	Mr.M.A.Stephenraj	
9.	Ms.R.Sacithraa	
10.	Ms.K.Meenatchi	
11.	Mr.C.Sivakumar	
12.	Ms.K.M.Priyadharshini	
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 14

CART Coordinator

PRINCIPAL
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY.
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/8 DATE: 28.02.2022

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 02.03.2022 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Robotics and Artificial Intelligence

Session by: Ms.P.Divyabharathi

28/2/22

CART Coordinator

PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

28/2/22

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 02.03.2022

Topic: Robotics and Artificial Intelligence

Session by: Ms.P.Divyabharathi

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Dr.S.Velmurugan	
7.	Mr.Y.Kalimuthu	
8.	Mr.M.A.Stephenraj	
9.	Ms.R.Sacithraa	
10.	Ms.K.Meenatchi	
11.	Mr.C.Sivakumar	
12.	Mr.T.Arvind	
13.	Ms.K.M.Priyadharshini	
14.	Ms.A.Jeevitha	
15.	Ms.S.Meena	

Total attended: 15

CART Coordinator

PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

HoD/EEE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/9 DATE: 21.03.2022

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 23.03.2022 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Electric charging Station for Vehicle

Session by: Ms.S.Meena

CART Coordinator

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NAMAKKAL Dt. TAMIL NADU.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 23.03.2022

Topic: Electric charging Station for Vehicle

Session by: Ms.S.Meena

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Dr.S.Velmurugan	
7.	Mr.Y.Kalimuthu	
8.	Mr.M.A.Stephenraj	
9.	Ms.R.Sacithraa	
10.	Ms.K.Meenatchi	
11.	Mr.C.Sivakumar	
12.	Mr.T.Arvind	
13.	Ms.K.M.Priyadharshini	
14.	Ms.A.Jeevitha	
15.	Ms.P.Divyabharathi	

Total attended: 15

23/3/22

Co-ordinator

23/3/22

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/10 DATE: 28.03.2022

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 30.03.2022 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Basics of Electric Vehicle

Session by: Dr.T.Srihari

28/3/22

CART Coordinator

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Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 30.03.2022

Topic: Basics of Electric Vehicle

Session by: Dr.T.Srihari

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.C.Santhakumar	
4.	Dr.A.Murugesan	
5.	Dr.S.Velmurugan	
6.	Mr.Y.Kalimuthu	
7.	Mr.M.A.Stephenraj	
8.	Ms.R.Sacithraa	
9.	Ms.K.Meenatchi	
10.	Mr.C.Sivakumar	
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 15

30/3/22
CART Coordinator

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30/3/22
HoD/EEE

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Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/11 DATE: 04.04.2022

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 08.04.2022 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Student Learning Assessment

Session by: Mr.C.Sivakumar

CART Coordinator 4/4/22

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TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 08.04.2022

Topic: Student Learning Assessment

Session by: Mr.C.Sivakumar

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Dr.S.Velmurugan	
7.	Mr.Y.Kalimuthu	
8.	Mr.M.A.Stephenraj	
9.	Ms.R.Sacithraa	
10.	Ms.K.Meenatchi	
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 14

CART Coordinator

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Department of Electrical and Electronics Engineering

REF: KSRIET/EEE/CART/2021-22/12 DATE: 08.04.2022

CIRCULAR

CART – Centre for Advancement in Research and Teaching (Intra-Department)

This is to inform that on the forum CART Knowledge Transfer Activity is planned on 13.04.2022 at EEE seminar hall from 12.00 noon to 01.00 pm. All the faculty members are invited to attend the programme.

Topic: Research Applications in Machine Learning-2022

Session by: Dr.S.Velmurugan

CART Coordinator

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TIRUCHENGODE – 637 215

Department of Electrical and Electronics Engineering

CART – Centre for Advancement in Research and Teaching (Intra-Department)

Date: 13.04.2022

Topic: Research Applications in Machine Learning-2022

Session by: Dr.S.Velmurugan

Participants Attending Knowledge Transfer Activity

S.No.	Faculty Name	Signature
1.	Dr.R.Jeyabharath	
2.	Dr.P.Veena	
3.	Dr.T.Srihari	
4.	Dr.C.Santhakumar	
5.	Dr.A.Murugesan	
6.	Mr.Y.Kalimuthu	
7.	Mr.M.A.Stephenraj	
8.	Ms.R.Sacithraa	
9.	Ms.K.Meenatchi	
10.	Mr.C.Sivakumar	
11.	Mr.T.Arvind	
12.	Ms.K.M.Priyadharshini	
13.	Ms.A.Jeevitha	
14.	Ms.P.Divyabharathi	
15.	Ms.S.Meena	

Total attended: 13

13/4/22

CART Coordinator

13/4/22

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ECE

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

CIRT (Centre for Innovation in Research and Teaching)

09.08.2021

This is to inform that knowledge Sharing activity, Centre for innovation in Research and Teaching (CIRT) is conducted in ECE department from **12.30 pm** to **1.15 pm** on **10.08.2021** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Object Detection for Blind people Using Open CV method

Presented by: Dr.R.Nandakumar, Prof/ECE

HoD 9/8/21

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KSRIET

Object Detection for Blind people Using Open CV method

PRESENTED BY
Dr. Nandhakumar R M.E., Ph.D.,
Director & professor,
Department of ECE,
KSRIET

INTRODUCTION

- Visual impairment is among the most common disability among mankind.
- According to the World health organization, there is about 285 million of the world's population that suffers from visual illness
- Among them, 39 million are completely blind, and an estimated 246 million suffer from low vision
- In India itself, there are about 53 million visually impaired people, with 6.8 million with complete blindness.

OBJECTIVE

- To design a smart system which guides visually challenged people to avoid obstacles.
- Obstacle detection for visually impaired to detect the obstacles in their way.

PROJECT CATEGORY

PRODUCT

- Social relevance
- The primary motto of making the proposed system as a product is to "Help and support blind peoples".

LITERATURE REVIEW

S.NO	TITLE OF THE PAPERS	JOURNAL NAME YEAR & ISSN NO	DESCRIPTION	ADVANTAGE	DISADVANTAGE
1	Smart Navigation System For Visually Challenged People	IJIEEE 2016 2347-6982	This paper explains the obstacle avoiding technique using Ultrasonic sensor based spectacles, waist belt and shoes, which makes use of two, three and four US sensors respectively to detect ground, waist level and head height obstacles.	The proposed system uses devices that are light weight wearable devices, which makes the system easy to carry. Also, the proposed system is low cost.	The walking speed of the new users of the system is less, Need more practice to use this system
2	A Smart Navguide System for Visually Impaired	IJITEE 2019 2278-3075	This system integrates the Optical Character Recognition and Text to Speech Synthesizer concept to identify the bus name and bus number in the bus stop and it also achieve the obstacle avoidance by using the ultrasonic sensor and it is informed to the user by vibration sensing technique.	Implementation of text to speech/Voice conversion using Raspberry pi for the visually Challenged also helps in the obstacle avoidance by using the ultrasonic sensor	Only the text images is identified and converted into speech not all the physical objects are detected and converted into Speech/Voice
3	A Smart Personal AI Assistant for Visually Impaired People	IRJET 2020 2395-0072	This paper may well be a solution to help the visually impaired using computer science, Voice Recognition and Image Recognition. It provides an efficient way by which visually impaired people are able to interact with the environment using their smart phone Key Words.	Instead of using an Android Application, an IOT device can be implemented for the sole purpose of assisting the visually impaired. This will	Voice Recognition could not be well in all the time Small not clearly detected and conveyed to the blind people.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 10.08.21

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	
2.	Mr.P.Govindaraju	
3.	Dr.S.Premalatha	
4.	Dr.S.Jayachitra	
5.	Ms.B.Latha	
6.	Mr.T.Marthandan	
7.	Mr.M.V.Mahesh	
8.	Mr.M.Udhayakumar	
9.	Mr.B.Vinothkumar	
10.	Mrs.V.Sindhuja	
11.	Ms.P.Mohana Sunthari	
12.	Mr.M.M.Arunprasath	
13.	Ms.M.Jeyabharathi	

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Department of Electronics and Communication Engineering

CIRT (Centre for Innovation in Research and Teaching)

16.08.2021

This is to inform that knowledge Sharing activity, Centre for innovation in Research and Teaching (CIRT) is conducted in ECE department from **12.30 pm** to **1.15 pm** on **17.08.2021** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Lora based wireless weather station monitoring

Presented by: Mr.P.Govindaraju, AP/ECE

HoD/ECE

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LORA BASED WIRELESS WEATHER STATION MONITORING

PRESENTED BY
Mr.P.GOVINDARAJU
AP/ECE,
Department of ECE
KSRIET

INTRODUCTION

- A weather station can be described as an instrument or device, which provides us with the information of the weather in our neighboring environment.
- Weather prediction issues started formally since the 19th century, measuring and recording honest data about a specific location under certain atmospheric conditions is a challenge till date.
- Transmitting records emerged with its own challenges and limitations. So began the requirement of a new proposal.

OBJECTIVE

- To design an instrument, which provides us with the information of weather in our neighboring environment by Arduino using the LoRa module
- To store the weather records in Cloud database.
- To sense and measure the temperature, pressure, humidity, light intensity, rain value and dust parameters of the surrounding environment.
- To extract the weather data efficiently and precise.
- To advance the monitoring system with IOT and cloud and to track the weather report by Thing view free application.

The goal of weather monitoring is to provide information to people and organizations to reduce weather-related losses. Protection of life and property to support economic prosperity and quality of life.

PROJECT CATEGORY

- **Product development**
- Our ultimate aim is to make our Final year project to finish completely as a product and sell it to the market.
- Our team is running with a big motivation from our mentors to complete the product in a successful manner.
- The primary motto of making this completely as a product is **"Weather Station In Hands"** which is available for everyone at low cost.

MARKET SIZE

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Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 17-08-21

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	
2.	Mr.P.Govindaraju	
3.	Dr.S.Premalatha	
4.	Dr.S.Jayachitra	
5.	Ms.B.Latha	
6.	Mr.T.Marthandan	
7.	Mr.M.V.Mahesh	
8.	Mr.M.Udhayakumar	
9.	Mr.B.Vinothkumar	
10.	Mrs.V.Sindhuja	
11.	Ms.P.Mohana Sunthari	
12.	Mr.M.M.Arunprasath	
13.	Ms.M.Jeyabharathi	

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Department of Electronics and Communication Engineering

CIRT (Centre for Innovation in Research and Teaching)

06.09.2021

This is to inform that knowledge Sharing activity, Centre for innovation in Research and Teaching (CIRT) is conducted in ECE department from **12.30 pm** to **1.15 pm** on **07.09.2021** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Electromagnetic-Real World Signals

Presented by: Dr.S.Premalatha, ASP/ECE

HoD 6/9/21

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Electromagnetics-Real World Signals

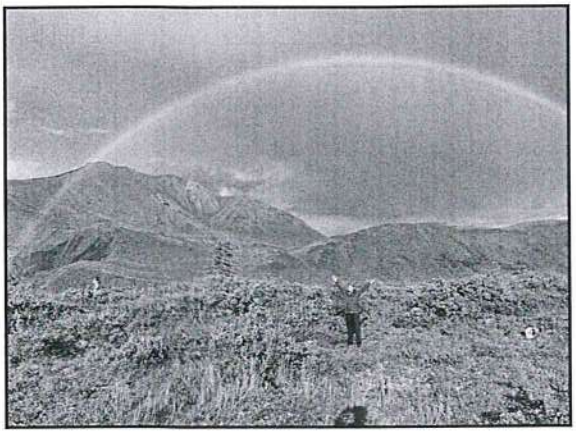
Electromagnetics-Real World Signals

Presented by
Dr.S.Premalatha
ASP/ECE/KSRIET

Electromagnetics-Real World Signals

- As use of the electromagnetic frequency spectrum increases, the demand for engineers who have practical working knowledge in the area of electromagnetics continues to grow.
- Electromagnetic engineers design high frequency or optoelectronic circuits, antennas and waveguides; design electrical circuits that will function properly in the presence of external interference while not interfering with other equipment.
- The electromagnetics technical specialty prepares future engineers for employment in industry in the areas of radar, antennas, fiber optics, high frequency circuits, electromagnetic compatibility and microwave communication.

Examples of Electromagnetics



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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 **DATE:** 07.09.21

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	
2.	Mr.P.Govindaraju	07/09/2021
3.	Dr.S.Premalatha	7/9/21
4.	Dr.S.Jayachitra	07/09/21
5.	Ms.B.Latha	07/09/21
6.	Mr.T.Marthandan	7/9/21
7.	Mr.M.V.Mahesh	07/09/21
8.	Mr.M.Udhayakumar	7/9/21
9.	Mr.B.Vinothkumar	7/9/21
10.	Mrs.V.Sindhuja	7/9/21
11.	Ms.P.Mohana Sunthari	7/9/21
12.	Mr.M.M.Arunprasath	7/9/21
13.	Ms.M.Jeyabharathi	7/9

HoD 7/9/21

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Department of Electronics and Communication Engineering

CIRT (Centre for Innovation in Research and Teaching)

20.09.2021

This is to inform that knowledge Sharing activity, Centre for innovation in Research and Teaching (CIRT) is conducted in ECE department from **12.30 pm** to **1.15 pm** on **21.09.2021** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Nanotechnology in Medicine and health care

Presented by: Dr.S.Jayachitra, ASP/ECE

HoD

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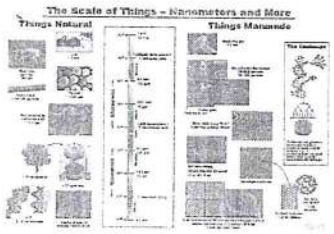
NANOTECHNOLOGY IN MEDICINE AND HEALTH

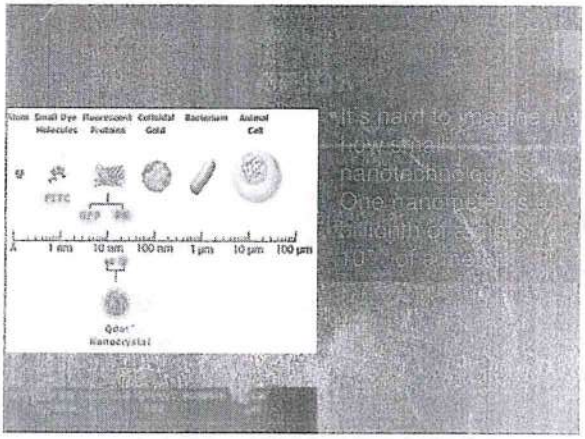
Dr. S.JAYACHITRA
ASSOCIATE PROFESSOR
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
jchitrasce@gmail.com

TOPICS

- NANOTECHNOLOGY TERMS AND DEFINITIONS
- HISTORY OF NANOTECHNOLOGY
- CURRENT AND FUTURE TRENDS, RESEARCH AND APPLICATIONS IN MEDICAL FIELD

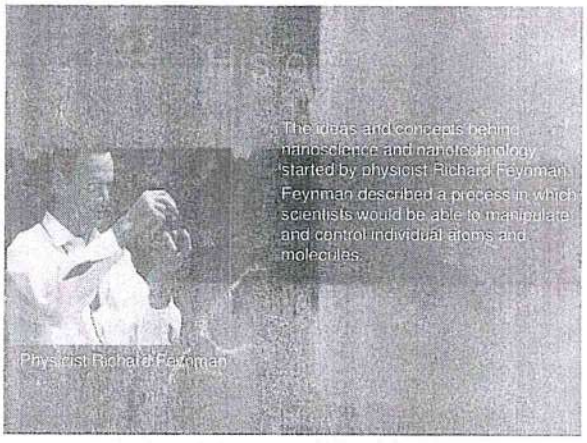
SCALE OF THINGS— NANOMETERS





Nanoscience and nanotechnology are the study and application of extremely small things and can be used across all the other science fields, such as chemistry, biology, physics, materials science, and engineering.

Nanotechnology may be able to create many new materials and devices with a vast range of applications, such as in medicine, electronics, biomaterials and energy production.



The ideas and concepts behind nanoscience and nanotechnology started with physicist Richard Feynman. Feynman described a process in which scientists would be able to manipulate and control individual atoms and molecules.

Physicist Richard Feynman

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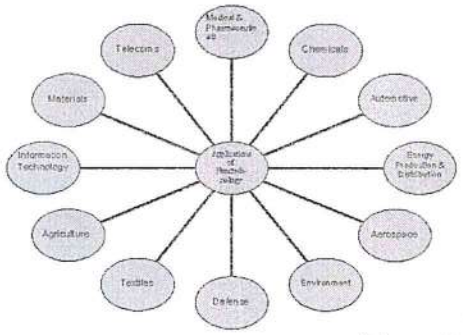
Nanomedicine is the medical application of nanotechnology.

Nanomedicine ranges from the medical applications of nanomaterials, to nanoelectronic biosensors, and even possible future applications of molecular nanotechnology.

APPLICATIONS OF NANOTECHNOLOGY



CANCER DETECTION AND DIAGNOSIS

- Cancer is currently the second leading cause of death
- Currently, detection and diagnosis of cancer usually depend on changes in cells and tissues that are detected by a doctor's physical exam or by laboratory-generated images on film.

CANCER

- To detect cancer at its earliest stages, the national cancer institute (NCI) has developed and applied nanotechnology for diagnosis & treatment of cancer.
- Cancer is an abnormal growth of cells anywhere in the body. It occurs when the genes in a cell allow it to split (make new cells) without control

- There are many kinds of cancer, because there are many kinds of cells in the body. Some cancers form growths called tumors, while others, like cancers of the blood (leukemias), travel all over the body.
- Cancers may harm the body in two ways. They may *re-place normal cells* with cells that do not work properly and they may *kill normal cells*

- Nanoscale cantilevers and nanowire sensors that can detect a cancer from a single cell.
- Nanoparticles can aid in imaging malignant lesions, so surgeons know where the cancer is, and how to remove it.
- Nanoshells can kill tumor cells selectively, so patients do not suffer terrible side effects from healthy cells being destroyed.
- Dendrimers can sequester drugs to reduce side effects and deliver multi-ple drugs to maximize therapeutic impact.

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Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 21-9-21

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	21/9/21
2.	Mr.P.Govindaraju	21/9/21
3.	Dr.S.Premalatha	21/9/21
4.	Dr.S.Jayachitra	21/09/21
5.	Ms.B.Latha	21/09/21
6.	Mr.T.Marthandan	21/09/21
7.	Mr.M.V.Mahesh	21/9/21
8.	Mr.M.Udhayakumar	21/9/21
9.	Mr.B.Vinothkumar	21/9/21
10.	Mrs.V.Sindhuja	21/9/21
11.	Ms.P.Mohana Sunthari	21/9/21
12.	Mr.M.M.Arunprasath	21/9/21
13.	Ms.M.Jeyabharathi	21/9/21

HoD 21/9/21

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

CIRT (Centre for Innovation in Research and Teaching)

04.10.2021

This is to inform that knowledge Sharing activity, Centre for innovation in Research and Teaching (CIRT) is conducted in ECE department from **12.30 pm** to **1.15 pm** on **05.10.2021** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: WIFI Based Location Identification

Presented by: Ms.B.Latha, AP/ECE

HoD 4.10.21

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TIRUCHENGODE-637 215,
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WIFI BASED LOCATION IDENTIFICATION

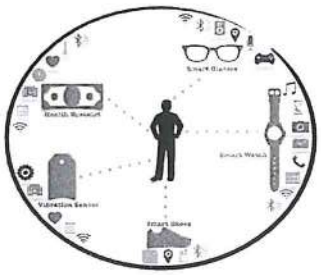
PRESENTED BY
Ms. Latha. B
Assistant professor , Dept. of ECE,
KSRIET

INTRODUCTION

- In today's world location tracking and identification plays a major role in various domain.
- GPS (Global positioning system) is completely depend upon the satellite for locating things.
- Instead of re-lying on satellite, this project make use of WI-FI routers and access points(smart devices) to identify any devices more accurately than GPS does.
- In this project, pulse sensor is used to detect the heart rate and signal is monitored in cloud.

OBJECTIVE

- The main objective is to keep track of an object constantly.
- To give immediate indication to the user when signal is not received based on the heart rate measured by the pulse sensor.
- To make use of only WI-FI signals for locating one or more devices completely independent on Global Positioning System and other satellite navigation system.



PROJECT CATEGORY

INDUSTRY PROBLEM:

- Our ultimate aim is to identify an industry problem in various industry sectors and gives valuable solution to it.
- Our team is running with a big motivation from our mentors to analyze the problem in industry and solve those problem in successful manner.
- The primary motto is "**constant tracking of smart devices in cloud and making alert when the signal is interrupted in respective smart devices**".

LITERATURE REVIEW

PRINCIPAL.
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TIRUCHENGODE-637 215,
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Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 05-10-21

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	
2.	Mr.P.Govindaraju	05/10/2021
3.	Dr.S.Premalatha	5/10/21
4.	Dr.S.Jayachitra	05/10/21
5.	Ms.B.Latha	05/10/21
6.	Mr.T.Marthandan	5/10/21
7.	Mr.M.V.Mahesh	5/10/21
8.	Mr.M.Udhayakumar	5/10
9.	Mr.B.Vinothkumar	5/10/21
10.	Mrs.V.Sindhuja	5/10/21
11.	Ms.P.Mohana Sunthari	5/10/21
12.	Mr.M.M.Arunprasath	5/10/21
13.	Ms.M.Jeyabharathi	5/10/21

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Topic: ECG signal analysis using edge and IOT Devices

Presented by: Mr.T.Marthandan, AP/ECE

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ECG SIGNAL ANALYSIS USING EDGE AND IOT DEVICES

Presented by:

Mr.Marthandan .T
Assistant professor /Department of ECE,
KSRIET

Introduction

➢ This machine was introduced by Einthoven in1903.

➢ Many of the people are affected by heart problem like irregular heart rhythm ,heart attack, shortness of breath, rapid pulse palpitations, In India 54.5 Million people affected by heart problem.

➢Cardiac problem is detected by electro cardiogram (ECG)

OBJECTIVE

- To analysis the cardiac problems using ECG sensor
- For their convenient we stored their result in cloud and it can be viewed by mobile and shared to any devices

PROJECT CATEGORY

- Product :
  - Our ultimate aim is to make our final year project to finish completely as a product and sell it to the market
  - Our team is running with a big motivation from our mentor's to complete these products in a successful manner
  - The primary motto of making this completely as a product is to save the future generation by " SAVE WORLD"

MARKET PAIN

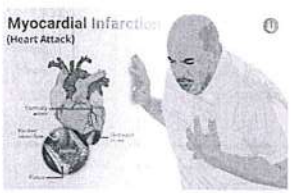

Fig:1

Fig:2

PROBLEM IDENTIFIED BY THE CUSTOMER

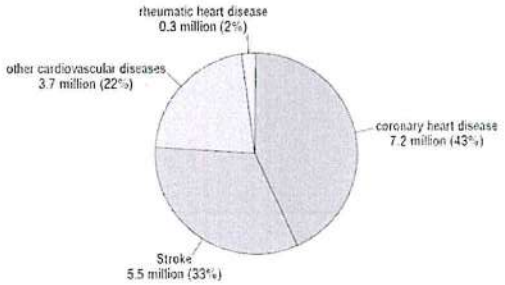

Fig:03

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7.	Mr.M.V.Mahesh	2/11/21
8.	Mr.M.Udhayakumar	2/11/21
9.	Mr.B.Vinothkumar	2/11/21
10.	Mrs.V.Sindhuja	2/11/21
11.	Ms.P.Mohana Sunthari	2/11/21
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Topic: AI based Dry Plant Detection & Moisture Control Using Raspberry PI

Presented by: Mr.M.V.Mahesh, AP/ECE

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AI BASED DRY PLANT DETECTION & MOISTURE CONTROL USING RASPBERRY PI

Presented by:

Mr. M V MAHESH,
Department of ECE,
KSRIET

ABSTRACT

- Adopting an optimized irrigation system has become a necessity due to the lack of the world water resource.
- This project focuses on a smart irrigation system which is cost effective. Automation allows us to control various appliances automatically.
- The objective of this project is to control the water supply to each plant automatically depending on leaf's dryness.

INTRODUCTION

- "Forestation is important to everyone as eyes for humans".
- At the present era, the farmers have been using irrigation technique in India through the manual control in which the farmers irrigate the land from time to time.
- This process sometimes consumes more water.
- Automatic irrigation scheduling is valuable in effective use of water than the manual irrigation based on direct soil manual moisture calculations.
- Irrigation of plants is usually a very time-consuming activity and it requires a large number of human resources.
- All the steps were executed by humans traditionally.

OBJECTIVES

- To design a smart irrigation system to water plants with the use of current technological devices.
- To provide an efficient and fairly cheap automated irrigation system.
- To eliminate the plants watering workload.
- To save time of manual plants watering.

PRODUCT CATEGORY

- Almost everyone in their life may have planted or watered the plants.
- But people waters the plants manually, they fetch water and then pour to the individual plants.
- This method is time consumption.
- Our product will automates this manual irrigation process.

- Social Relevance
- Research/ Patent
- Startup
- ✓**Product development**
- Industry Problem

MARKET PAIN

- In the existing method of watering plants, the gardener/cultivator has to manually fetch water and then pour it to respective individual plants.
- In this process, there is a wastage of water that is used to irrigate the plants.
- One has to fetch water manually to pour water to plants.

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Topic: Cold supply chain risk monitoring and safety alerting system using IoT

Presented by: Mr.M.Udhayakumar, AP/ECE

HoD 6/12/21

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Cold supply chain risk monitoring and safety alerting system using IoT

Presented By:

M.Udhayakumar, M.E.,
AP/Department of ECE,
KSRIET

INTRODUCTION

- Cold chain management has been growing in the past few decades.
- An IOT resolution offers a powerful data-link platform with smart tracking device.
- Internet of Things (IoT)-based risk monitoring system for controlling product quality.

OBJECTIVE

- To track the live location for real time monitoring and safety measures.
- The system can monitor the real time temperature and humidity level.
- In order to ensure the safe supply of the cold storage products.

PROJECT CATEGORY

- This project is based on IoT belongs to embedded system.
- Research and Development
- Exposure to industrial purpose

LITERATURE REVIEW

S.No.	Title of the Paper	Description	Advantages	Disadvantages
1	Maximizing recyclability and reuse of tertiary packaging in production and distribution network	Tertiary packaging is necessary for transportation in any production and distribution network because of the benefits in enhancing the logistics efficiency. However, at the meantime, it produces a lot of packaging waste every day	Tertiary packaging after transportation may still be in good condition and can be collected back for reuse	Very huge data mining concept So unreliable technique for industrial purpose
2	IoT-based framework for performance measurement a real-time supply chain decision alignment	Real-time information not only allows manufacturing companies to serve up-to-the-minute needs from customers around the world, but it also helps them plan or combat any potential slowdowns or bottlenecks across the supply stream	•Greater Planning Capabilities •Better Reporting and Data Analysis Potential	•Lack of Coordination between Various Departments •Weak leadership When interweaving multiple departments
3	A supply chain performance measurement approach using the internet of things toward more practical SCPMS	Supply Chain management can be defined as the management of flow of products and services, which begins from the origin of products and ends with the product's consumption at the end-user.	This is a brief introductory tutorial that explains the methodologies applied in the rapidly growing area	This approach could help in establishing new performance measurement applications

LITERATURE REVIEW

S.No.	Title of the Paper	Description	Advantages	Disadvantages
4	Thing Speak based sensing and monitoring system	Acronym for remote monitoring of the surrounding parameters and other stuffs with the use of sensors that acquires for wireless sensing of real time data Advantages	•Thing speak also provide a feature to proper sensing and monitoring system are essential. •Generally a sensing unit is composed of different sensors through public	•Thing speak is not very secure as is based on token parameter only. •Thing speak not apply any encryption on IOT device data so we can say that data is unsecure and hack able by third party.
5	Fruit Wastages from Farm Gate to Retail Outlets in Tamilnadu, India-With Specific Focus on Fruit Processing Units	Fruit Waste means solid waste deriving from fruits and vegetables that is biodegradable and includes the peel, skin, pulp, seeds and leaves,	•Cost savings when purchasing only as much food as needed, and avoiding additional costs of disposal. Reduced methane emissions from landfills and a lower carbon footprint.	•Given the plight of world hunger, the fact is shameful enough, but what many of us may not realize is that wasted food also has a harmful effect on the environment.
6	Progress and Challenges with Achieving Universal Immunization Coverage Estimates of Immunization Coverage	Vaccine coverage is usually expressed as the proportion or prevalence (%) of complete immunization by particular assessment ages. Coverage data are usually provided for each major vaccine type and for all vaccines due at a number of age milestones	•Immunization is a simple and effective way of protecting yourself and your family. • Immunization works by triggering the immune system to fight against certain diseases	•A low-grade fever, fussiness and soreness at the injection site. • Some vaccines cause a temporary headache, fatigue or loss of appetite

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3.	Dr.S.Premalatha	
4.	Dr.S.Jayachitra	07/12/21
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7.	Mr.M.V.Mahesh	07/12/21
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11.	Ms.P.Mohana Sunthari	7/12/21
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01.03.2022

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Topic: Real Time Vehicle Security System through Face Recognition

Presented by: Mr.B.Vinothkumar AP/ECE

HoD

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Real Time Vehicle Security System through Face Recognition

Presented by:

Mr.B.Vinothkumar,M.E.,(Ph.D.)
Assistant Professor
Department of ECE,
KSRIET

INTRODUCTION

- Our project reduces the theft in the Transport Industry.
- On passed years notifies that Cargo Theft increased rapidly high.
- Food and Beverages constituted for 19% of the goods stolen in 2018 and increased to 28% in 2019.
- Over the year, theft has increased on macro level.
- The number of automobiles involved in travelling each year grows drastically high and it becomes impossible to identify the stolen vehicle.

OBJECTIVE

- To reduce the theft in the Transport Industry by Real Time Vehicle Security System through Face Recognition.

PROJECT CATEGORY

Product development:- Future Scope

- Smart hybrid device which vehicle carries a heavy load.
- Secure way of monitoring action of vehicle with real-time.

MARKET GAIN

- This system which will be implementing with highly secured for cargo theft.
- Specific scheme is involved, which is more security in one of the natural thing is face identities.

MARKET PAIN

- In the transport industry the vehicle parts and load that carried by vehicle are getting theft has been enhanced widely.
- On facts, statistics-Delhi economic survey report there were 11.8 million motorized vehicle has been lost.
- Everyday , there exist an reports on value of 8400+ vehicle and goods , industry raw were theft.
- In Asian country got high rate of theft that exist anonymously are in China and India.

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6.	Mr.T.Marthandan	2/3/22
7.	Mr.M.V.Mahesh	2/3/22
8.	Mr.M.Udhayakumar	2/3
9.	Mr.B.Vinothkumar	2/3/22
10.	Mrs.V.Sindhuja	2/3/22
11.	Ms.P.Mohana Sunthari	2/3/22
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Topic: Smart Connected Vehicles Using IOT

Presented by: Mrs.V.Sindhuja, AP/ECE

HoD

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SMART CONNECTED VEHICLES USING IOT

Presented by
V.Sindhuja,
AP/ECE

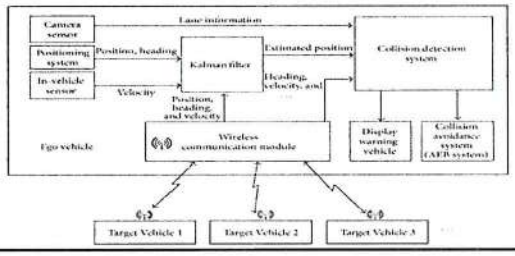
Introduction:

- To bridge the real time communication gap between the cars and services centers
- Systems will use live data to direct drivers away from congested areas, minimizing journey times.
- By 2025, there will be more than 400 million vehicles
- Connected and semi-autonomous vehicles are already on our streets. 23.2 million vehicles with secure connected technology are forecast to ship in 2020.

Objective:

- To provide better driving experience and to avoid unwanted traffic delays by communicating information between vehicles and service centers and users

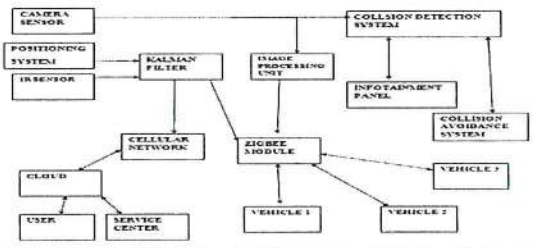
Existing system:



Drawbacks of Existing System:

- Connected vehicles is not a common executed technology
- It is still in the stage of conceptulation and development stage
- Some brands producing cars with initial stages of this technology such as the MG Hector. Due to lack of M2M network infrastructure.
- There is no direct to car to car communication, instead they using the cloud infrastructure.

Proposed Methodology:



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Topic: Microstrip Patch Antenna for Medical Applications

Presented by: Ms.P.Mohana Sunthari, AP/ECE

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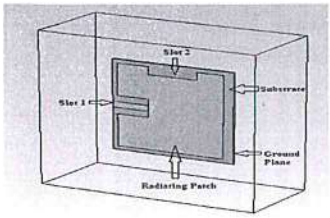
MICROSTRIP PATCH ANTENNA FOR MEDICAL APPLICATIONS

P.MOHANA SUNTHARI
Assistant Professor/ECE
KSRIET

Abstract:

- A wearable textile antenna for wireless and medical applications has been proposed. During this work first we will design a textile antenna, namely, a rectangular microstrip patch antenna and then an annular slot antenna will be designed for wireless and medical applications.
- After designing two kinds of antennas, a comparison will be made between their results. In case, antenna gives moderate bandwidth and gain, 1*2 or 1*3 antenna array will also be designed to improve antenna characteristics.
- Conductive textile, a copper-plated polyester fabric, will be used for fabricating antenna radiators and grounds. An insulating rubber fabric with optimum thickness of 0.78 mm and a permittivity of 3 will be used for preparing the substrates.
- The proposed antenna will be designed and all the results will calulated using user friendly CST Microwave studio Software.

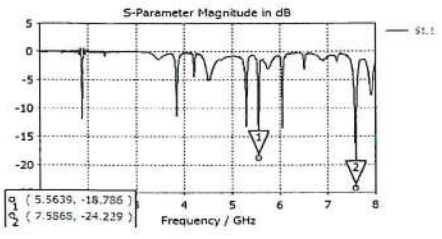
Designed Antenna Structure



Dimension of Antenna

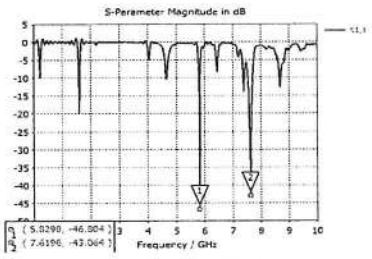
Parameter Name	Dimensions in mm
1. Length of Patch (L^p)	43 mm
2. Width of Patch (W^p)	49 mm
3. Length of Ground (L^g)	50 mm
4. Width of Ground (W^g)	54 mm
5. Width of Feed (W^f)	1.69 mm
6. Dielectric Constant (Er)	3
7. Height of Substrate(h)	0.78 mm

Simulated Antenna Result



Return Loss of Textile Antenna

Simulated Antenna Result



Return Loss of Textile Annular Slot

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 12-04-22

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	12/4/22
2.	Mr.P.Govindaraju	12/04/2022
3.	Dr.S.Premalatha	12/4/22
4.	Dr.S.Jayachitra	12/04/22
5.	Ms.B.Latha	12/04/22
6.	Mr.T.Marthandan	12/04/22
7.	Mr.M.V.Mahesh	12/4/22
8.	Mr.M.Udhayakumar	
9.	Mr.B.Vinothkumar	12/4/22
10.	Mrs.V.Sindhuja	12/4/22
11.	Ms.P.Mohana Sunthari	12/4/22
12.	Mr.M.M.Arunprasath	12/4/22
13.	Ms.M.Jeyabharathi	12/4/22

HoD/12/4/22

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Department of Electronics and Communication Engineering

CIRT (Centre for Innovation in Research and Teaching)

25.04.2022

This is to inform that knowledge Sharing activity, Centre for innovation in Research and Teaching (CIRT) is conducted in ECE department from **12.30 pm to 1.15 pm** on **26.04.2022** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Challenges of Internet of Things

Presented by: Mr. M M. Arunprasath, AP/ECE

HoD

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Challenges in (IoT) INTERNET of THINGS

Presented by
ARUN PRASATH M M
Assistant Professor
Department of Electronics and Communication Engineering
K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Table Of Content

- History of IOT
- IoT Definition
- How IoT works?
- What is an example of an Internet of Things device?
- IoT benefits to organizations
- Why Is Internet of Things (IoT) so important?
- IoT Applications
- Challenges of Internet of Things (IoT)
- Advantages
- Disadvantages
- References

History of IOT

- 1999- The term "Internet of Things" was used by Kevin Ashton during his work at P&G which became widely accepted
- 2004 - The term was mentioned in famous publications like the Guardian, Boston Globe, and Scientific American
- 2005-UN's International Telecommunications Union (ITU) published its first report on this topic.
- 2008- The Internet of Things was born
- 2011- Gartner, the market research company, include "The Internet of Things" technology in their research

IOT Definition

- "The **Internet of Things** (IoT) is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction."

How IoT works?

- 1) Sensors/Devices
- 2) Connectivity
- 3) Data Processing
- 4)User Interface

1) Sensors/Devices

- Sensors or devices are a key component that helps you to collect live data from the surrounding environment.
- All this data may have various levels of complexities.
- It could be a simple temperature monitoring sensor, or it may be in the form of the video feed.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 26 . 04 . 22

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	26/4/22
2.	Mr.P.Govindaraju	26/04/2022
3.	Dr.S.Premalatha	26/4/22
4.	Dr.S.Jayachitra	26/04/22
5.	Ms.B.Latha	26/04/22
6.	Mr.T.Marthandan	26/4/22
7.	Mr.M.V.Mahesh	26/4/22
8.	Mr.M.Udhayakumar	26/4
9.	Mr.B.Vinothkumar	26/4/22
10.	Mrs.V.Sindhuja	26/4/22
11.	Ms.P.Mohana Sunthari	26/4/22
12.	Mr.M.M.Arunprasath	26/4/22
13.	Ms.M.Jeyabharathi	26/4/22

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Department of Electronics and Communication Engineering

CIRT (Centre for Innovation in Research and Teaching)

09.05.2022

This is to inform that knowledge Sharing activity, Centre for Innovation in Research and Teaching (CIRT) is conducted in ECE department from **12.30 pm** to **1.15 pm** on **10.05.2022** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Meander Infused MIMO for 5G Applications

Presented by: Ms. M.Jeyabharathi, AP/ECE

HoD

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MEANDER INFUSED MIMO FOR 5G APPLICATION

Submitted by
MS.M.JEYABHARATHI
AP/ECE
KSRIET

OUTLINE

- ABSTRACT
- INTRODUCTION
- DESIGN FLOW
- OBJECTIVE
- SOFTWARE USED
- PROPOSED SYSTEM
- SIMULATION RESULT
- CONCLUSION
- REFERENCE

ABSTRACT

A Compact size Meander Infused MIMO antenna, which is operating from 20GHz to 29GHz is presented in this paper. The proposed antenna is designed using FR-4 Substrate, with concentric circular slots and corner truncations in the patch. Half ground is implemented, additionally Meander lines are included in the ground plane which caused resonances at 20.9GHz, 25.5GHz, 26.9GHz and at 28GHz with good return loss and gain. The SISO is converted into MIMO with substrate size of 30x30x1.6mm3. MIMO parameters such as ECC, DG, Isolation have been analyzed and obtained to be good. The proposed prototype is a good candidate for future 5G Wireless communication such as virtual reality for future multimedia world as millimeter wave fits perfectly for virtual reality devices.

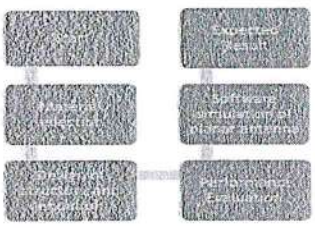
INTRODUCTION

- 5G network is the next generation of mobile communication which has advantage of having high bandwidth.
- The incorporation of multiple antennas over a single antenna system with high isolation in the transmitter and or receiver of the user equipment is more demanding. Multiple-input-multiple-output (MIMO) antenna system has distinct features like high data rate, increased channel capacity, high isolation between antenna elements, low latency, and high quality of service within restricted amount of power in the highly scattered environment of modern wireless communication systems involving 5G (Fifth-Generation) technology after 4G.
- The frequency spectrum of 5G is been classified as ,
  - i Sub-6 GHz
  - ii Millimeter Wave
- 5G wireless communication systems will support spectrum band of sub-6 GHz (spectrum below 6 GHz) and millimeter-wave (spectrum above 24 GHz)

WHY 28GHz?

- The international telecommunications union discharges the potential millimeter-wave frequency band between 24 to 84 GHz frequency at a global radio communication conference held in 2015 which is 27.5–29.5 GHz, 33.4–36 GHz, 37–40.5GHz, 42–45 GHz, 47-50.2GHz, 50.4–52.6 GHz and 59.3–71. The USA-based Federal Communication Commission has proposed 28, 38, 39 and 64-71 GHz frequency for the 5G wireless communication system, where 28 GHz and 38 GHz are robust frequency bands because at this frequency the attenuation of the air is low and higher data rates and lower latency can be achieved.
- Antenna research community has shown greater interest to develop antenna designs for 5G communication specifically at 28 GHz and 38 GHz frequency bands.
- These bands are large enough for carrying out high speed communication intended for future 5G communication network.

DESIGN FLOW



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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Electronics and Communication Engineering
CIRT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 10.05.22

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Nandakumar	10/5/22
2.	Mr.P.Govindaraju	10/5/2022
3.	Dr.S.Premalatha	10/5/22
4.	Dr.S.Jayachitra	10/05/22
5.	Ms.B.Latha	10/05/22
6.	Mr.T.Marthandan	10/5/22
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8.	Mr.M.Udhayakumar	10/5
9.	Mr.B.Vinothkumar	10/5/22
10.	Mrs.V.Sindhuja	10/5/22
11.	Ms.P.Mohana Sunthari	10/5/22
12.	Mr.M.M.Arunprasath	10/5/22
13.	Ms.M.Jeyabharathi	10/5/22

HoD 10/5/22

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DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

REF: KSRIET/MECH/SMART/ MERF/2021-2022/01 DATE: 03-08-2021

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a **"seminar ON FAILURE ANALYSIS OF EN36C BOREWELL DRILL BIT." Mr. J.MATHAN , M.E.,** Assistant Professor on 05-08-2021 from 03.00 pm to 3.30 pm at cad lab. All are asked to attend the session and make it useful.

COORDINATOR

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INVITATION

KSRIET	KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
MECHANICAL	DEPARTMENT OF MECHANICAL ENGINEERING
	SMART ASSOCIATION
	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

DATE: 05-08-2021		VENUE:CAD LAB	Time: 03.00 pm to 3.30 pm
RESEARCH TALK	NO.01	TOPIC: SEMINAR ON FAILURE ANALYSIS OF EN36C BOREWELL DRILL BIT	
RESOURCE PERSON/FACULTY/ STUDENT DETAILS	Mr. J.MATHAN, M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode		

WELCOME YOU ALL

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DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON FAILURE ANALYSIS OF EN36C BOREWELL DRILL BIT	Date &Time: 05-08-2021 & 03.00 pm
Resource Person Details		Mr. J.MATHAN, M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode

AGENDA

S. No.	Particulars	
1.	Welcome Address	Ms. R.SANDHIYA III Year Student Department of Mechanical Engineering
2.	HoD Address	Dr. P.GOPINATH HoD /Mechanical
3.	Seminar Speech	Mr. J.MATHAN, M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode
4.	Vote of Thanks	Ms.M.DEEPA III Year Student Department of Mechanical Engineering

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON FAILURE ANALYSIS OF EN36C BOREWELL DRILL BIT	Date &Time: 05-08-2021 & 03.00 to 3.30 pm
Resource Person Details		Mr. J.MATHAN, M.E., Assistant Professor. Department of Mechanical Engineering. K S R Institute For Engineering and Technology, Tiruchengode

ATTENDANCE

S.No	Student Name	Signature
1	Dr.P.Murugesan	
2	Dr.P.Gopinath	
3	Dr.R.Mani	
4	Dr.P.Kanakarajan	
5	A.Mohanraj	
6	P.Manikandan	
7	R.Vasanthakumar	
8	S.Balamurugan	
9	K.Velusamy	
10	P.Chakravarthi	
11	A.Premkumar	
12	K.Gopalakrishnan	
13	J.Mathan	
14	S.Rahul	
15	M.Amarnath	

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	Semester:	ODD	Date & Time:	05-08-2021 & 03.00 pm to 3.30 pm
Name of the Programme:	MERF Seminar Talk -01	Title:	SEMINAR ON FAILURE ANALYSIS OF EN36C BOREWELL DRILL BIT		
Venue:	CAD LAB			No. of Participants Attended :	15

Resource Person

Mr. J.MATHAN, M.E.,
Assistant Professor.
Department of Mechanical Engineering.
K.S.R Institute for Engineering and Technology,
Tiruchengode.

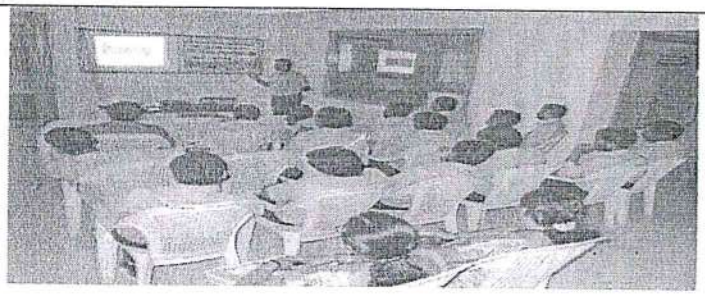

Fig. MERF Seminar Talk – 01 by J.MATHAN, M.E., on 05-08-2021 & 03.00 pm to 3.30 pm

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students.. —Failure analysis of two hydraulic rotary drills used for rock drilling was carried out. Chemical analysis, metallurgical examination, surface fractography and hardness measurement were used for the analysis. The failed drill rods composition matched with low alloy 31NiCrMo13-4 grade steel. The hardness measurement results suggested that the drilled rods were surface hardened. Surface fractography examination revealed that crack initiation of the fractured drill rods started at the outer surface, especially at the joint between the drill rod and drill bit.

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In associated with

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REF: KSRIET/MECH/SMART/ MERF/2021-2022/02 DATE: 25-08-2021

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a **"seminar ON MODELING AND ANALYSIS OF HERRINGBONE GEARS USING WINDMILL GEARBOX."Mr. P.MANIKANDAN, M.E .,** Assistant Professor on 27-08-2021 from 12.45 pm to 1.15 pm at cad lab. All are asked to attend the session and make it useful.

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MECHANICAL	DEPARTMENT OF MECHANICAL ENGINEERING
	SMART ASSOCIATION
MERF	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

DATE: 27-08-2021	VENUE:CAD LAB	Time: 12.45 pm to 1.15 pm
RESEARCH TALK	NO.02	TOPIC: SEMINAR ON MODELING AND ANALYSIS OF HERRINGBONE GEARS USING WINDMILL GEARBOX

RESOURCE PERSON/FACULTY/ STUDENT DETAILS	Mr. P.MANIKANDAN, M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode.	

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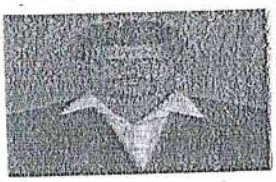
In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON MODELING AND ANALYSIS OF HERRINGBONE GEARS USING WINDMILL GEARBOX	Date &Time
		27-08-2021 & 12.45 pm to 1.15 pm
Resource Person Details		Mr. P.MANIKANDAN, M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode.

AGENDA

S. No.	Particulars	
1.	Welcome Address	Ms. R.SANDHIYA III Year Student Department of Mechanical Engineering
2.	HoD Address	Dr. P.GOPINATH HoD /Mechanical
3.	Seminar Speech	Mr. P.MANIKANDAN, M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode.
4.	Vote of Thanks	Ms.M.DEEPA III Year Student Department of Mechanical Engineering

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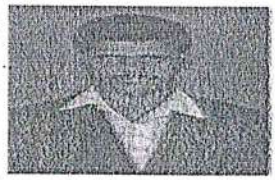
MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON MODELING AND ANALYSIS OF HERRINGBONE GEARS USING WINDMILL GEARBOX	Date &Time
		27-08-2021 & 12.45 pm to 1.15 pm
Resource Person Details		Mr. P.MANIKANDAN, M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode.

ATTENDANCE

S.No	Student Name	Signature
1	Dr.P.Murugesan	
2	Dr.P.Gopinath	
3	Dr.R.Mani	
4	Dr.P.Kanakarajan	
5	A.Mohanraj	
6	P.Manikandan	
7	R.Vasanthakumar	
8	S.Balamurugan	
9	K.Velusamy	
10	P.Chakravarthi	
11	A.Premkumar	
12	K.Gopalakrishnan	
13	J.Mathan	
14	S.Rahul	
15	M.Amarnath	

HoD

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DEPARTMENT OF MECHANICAL ENGINEERING
SMART ASSOCIATION
In associated with
MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	**Semester:**	ODD	**Date &Time:**	27-08-2021 & 12.45 pm to 1.15 pm
Name of the Programme:	MERF Seminar Talk -02	**Title:**	**SEMINAR ON MODELING AND ANALYSIS OF HERRINGBONE GEARS USING WINDMILL GEARBOX**		
Venue:	CAD LAB			**No. of Participants Attended :**	15

Resource Person
Mr. P.MANIKANDAN.,M.E.,
Assistant Professor.
Department of Mechanical Engineering.
K.S.R Institute for Engineering and Technology,
Tiruchengode.

Fig. MERF Seminar Talk – 02 by . P.MANIKANDAN.,M.E.,on 27-08-2021 & 12.45 pm to 1.15 pm

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students.. A gear is a rotating machine part having cut teeth, or cogs, which mesh with another toothed part in order to transmit torque. Two or more gears working in tandem are called a transmission and can produce a mechanical advantage through a gear ratio and thus may be considered as a simple machine. Geared devices can change the speed, magnitude, and direction of a power source. The most common situation is for a gear to mesh with another gear, however a gear can also mesh a nonrotating toothed being operated under different loads part, called a rack, there by producing translation instead of rotation.

Dept. Coordinator

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DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

REF: KSRIET/MECH/SMART/ MERF/2021-2022/03 DATE: 01-09-2021

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a "seminar ON **SMART MATERIALS - AN OVERVIEW." Mr. A. PREM KUMAR, M.E.,** Assistant Professor on 03-09-2021 from 03.00 pm at cad lab. All are asked to attend the session and make it useful.

1/9/21
COORDINATOR

1/9/21
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INVITATION

KSRIET	KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
MECHANICAL	DEPARTMENT OF MECHANICAL ENGINEERING
	SMART ASSOCIATION
MERF	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

DATE: 03-09-2021		VENUE:CAD LAB	Time: 03.00 pm
RESEARCH TALK	NO.3	TOPIC: SMART MATERIALS - AN OVERVIEW	
RESOURCE PERSON/FACULTY DETAILS	Mr. A. PREM KUMAR, M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode.		

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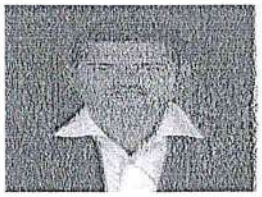
DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SMART MATERIALS - AN OVERVIEW	Date &Time: 03-09-2021 & 03.00 pm
Resource Person Details		Mr. A. PREM KUMAR, M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode

AGENDA

S. No.	Particulars	
1.	Welcome Address	Ms. R.SANDHIYA III Year Student Department of Mechanical Engineering
2.	HoD Address	Dr. P.GOPINATH HoD /Mechanical
3.	Seminar Speech	Mr. A. PREM KUMAR, M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode
4.	Vote of Thanks	Ms.M.DEEPA III Year Student Department of Mechanical Engineering

PRINCIPAL,
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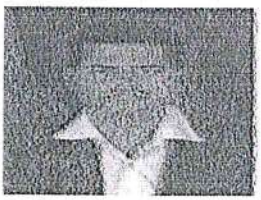
TIRUCHENGODE – 637 215.

DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SMART MATERIALS - AN OVERVIEW	Date &Time: 03-09-2021 & 03.00 pm
Resource Person Details		Mr. A. PREM KUMAR, M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode

ATTENDANCE

S.No	Student Name	Signature
1	Dr.P.Murugesan	
2	Dr.P.Gopinath	
3	Dr.R.Mani	
4	Dr.P.Kanakarajan	
5	A.Mohanraj	
6	P.Manikandan	
7	R.Vasanthakumar	
8	S.Balamurugan	
9	K.Velusamy	
10	P.Chakravarthi	
11	A.Premkumar	
12	K.Gopalakrishnan	
13	J.Mathan	
14	S.Rahul	
15	M.Amarnath	

HoD

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DEPARTMENT OF MECHANICAL ENGINEERING

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In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	Semester:	ODD	Date &Time:	03-09-2021 & 03.00 pm
Name of the Programme:	MERF Seminar Talk -03	Title:	SMART MATERIALS - AN OVERVIEW		
Venue:	CAD LAB			No. of Participants Attended :	15

Resource Person

A. PREM KUMAR, M.E.,
Assistant Professor.
Department of Mechanical Engineering.
K.S.R Institute for Engineering and Technology,
Tiruchengode.

Fig. MERF Seminar Talk – 01 by Mr A. PREM KUMAR, M.E., on 03-09-2021 & 03.00 pm

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students.. Smart materials technology enables us to adapt to environmental changes by activating its functions. Multifunctional materials, sort of smart materials, can be activated by electrical stimuli so as to produce its geometry change or property change.

6/9/21
Dept. Coordinator

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DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

REF: KSRIET/MECH/SMART/ MERF/2021-2022/04 DATE: 22-09-2021

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a **"seminar ON ORBITAL TIG WELDING - AN OVERVIEW." K. GOPALAKRISHNAN, M.E.,** Assistant Professor on 23-09-2021 from 1.00 pm to 1.40 pm at cad lab. All are asked to attend the session and make it useful.

22/9/21
COORDINATOR

22/9/21
HOD/MECH

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KSRIET	KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
MECHANICAL	DEPARTMENT OF MECHANICAL ENGINEERING
	SMART ASSOCIATION
MERF	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

DATE: 23-09-2021		VENUE:CAD LAB	Time: 1.00 pm to 1.40 pm
RESEARCH TALK	NO.4	TOPIC: SEMINAR ON ORBITAL TIG WELDING - AN OVERVIEW	
RESOURCE PERSON/FACULTY DETAILS	Mr. K. GOPALAKRISHNAN, M.E., Assistant Professor, Department of Mechanical Engineering, KSR Institute For Engineering and Technology, Tiruchengode.		

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON ORBITAL TIG WELDING - AN OVERVIEW	Date &Time
		23-09-2021 & 1.00 pm to 1.40 pm
Resource Person Details		**Mr. K. GOPALAKRISHNAN, M.E.,** Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode

AGENDA

S. No.	Particulars	
1.	Welcome Address	**Ms. R.SANDHIYA** III Year Student Department of Mechanical Engineering
2.	HoD Address	**Dr. P.GOPINATH** HoD /Mechanical
3.	Seminar Speech	**Mr. K. GOPALAKRISHNAN, M.E.,** Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode.
4.	Vote of Thanks	**Ms.M.DEEPA** III Year Student Department of Mechanical Engineering

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON ORBITAL TIG WELDING - AN OVERVIEW	Date &Time
		23-09-2021 & 1.00 pm to 1.40 pm
Resource Person Details		Mr. K. GOPALAKRISHNAN, M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode

ATTENDANCE

S.No	Student Name	Signature
1	Dr.P.Murugesan	
2	Dr.P.Gopinath	
3	Dr.R.Mani	
4	Dr.P.Kanakarajan	
5	A.Mohanraj	
6	P.Manikandan	
7	R.Vasanthakumar	
8	S.Balamurugan	
9	K.Velusamy	
10	P.Chakravarthi	
11	A.Premkumar	
12	K.Gopalakrishnan	
13	J.Mathan	
14	S.Rahul	
15	M.Amarnath	

HoD

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	**Semester:**	ODD	**Date &Time:**	**23-09-2021 &1.00 pm to 1.40 pm**
Name of the Programme:	MERF Seminar Talk -04	**Title:**	SEMINAR ON ORBITAL TIG WELDING - AN OVERVIEW		
Venue:	CAD LAB			**No. of Participants Attended :**	15

Resource Person

Mr. K. GOPALAKRISHNAN, M.E.,
Assistant Professor
Department of Mechanical Engineering
K.S.R Institute for Engineering and Technology,
Tiruchengode.

Fig. MERF Seminar Talk – 04 By Mr. K. GOPALAKRISHNAN,M.E. On 23-09-21&1.00 pm To 1.40 pm

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students.. Orbital welding is a technique whereby the welding tool is rotated through 360° (or 180° in double up welding) around a static workpiece. Originally developed to solve the problem of operator error in Tungsten Inert Gas (TIG) welding (also known as Gas Tungsten Arc Welding (GTAW)), and allow for a uniform weld around pipes and tubes, which can be difficult to achieve with manual welding processes.

24/9/21

Dept. Coordinator

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SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

REF: KSRIET/MECH/SMART/ MERF/2021-2022/02 DATE: 08-12-2021.

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a "**Seminar on Robotics and Artificial Intelligence**" by Dr.K. VENKATESH RAJA,M.E.,Ph.D ., Professor on 15/12/2021 from 10.30 am Through Google Meet. All are asked to attend the session and make it useful.

9.12.21
COORDINATOR

HOD/MECH 8/12/21

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	SMART ASSOCIATION		
	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)		
DATE: 13.12.2021		VENUE:THROUGH GOOGLE MEET	Time: 10.30 am
RESEARCH SEMINAR TALK	NO.02	TOPIC: Seminar on Robotics and Artificial Intelligence	
RESOURCE PERSON/FACULTY/STUDENT DETAILS	Dr.K.VENKATESH RAJA,M.E.,Ph.D., Associate Professor. Department of Mechanical Engineering. Sona College of Technology, Salem		

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Name of the Programme	MERF Seminar Talk on Seminar on Robotics and Artificial Intelligence	Date &Time 13.12.2021& 10.30 am
Resource Person Details		Dr.K.VENKATESH RAJA ,M.E.,Ph.D., Associate Professor. Department of Mechanical Engineering. Sona College of Technology, Salem

AGENDA

S. No.	Particulars	
1.	Welcome Address	Ms. R.SANDHIYA III Year Student Department of Mechanical Engineering
2.	HoD Address	Dr. P.GOPINATH HoD /Mechanical
3.	Seminar Speech	Dr.K.VENKATESH RAJA,M.E.,Ph.D., Associate Professor. Department of Mechanical Engineering
4.	Vote of Thanks	Ms.M.DEEPA III Year Student Department of Mechanical Engineering

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	Seminar on Robotics and Artificial Intelligence	Date &Time: 13.12.2021& 10.30 am
Resource Person Details		Dr.K.VENKATESH RAJA,M.E.,Ph.D., Associate Professor. Department of Mechanical Engineering. Sona College of Technology, Salem

ATTENDANCE

S.NO	NAME	DESIGNATION
1	Dr.P.MURUGESAN	DIRECTOR - III & SD
2	Dr.P.GOPINATH	ASSOCIATE PROFESSOR & HEAD
3	Dr.R.MANI	PROFESSOR
4	Dr.P.KANAKARAJAN	ASSOCIATE PROFESSOR
5	A.MOHANRAJ	ASSISTANT PROFESSOR
6	P.MANIKANDAN	ASSISTANT PROFESSOR
7	R.VASANTHAKUMAR	ASSISTANT PROFESSOR
8	S.BALAMURUGAN	ASSISTANT PROFESSOR
9	K.VELUSAMY	ASSISTANT PROFESSOR
10	P.CHAKRAVARTHI	ASSISTANT PROFESSOR
11	A.PREMKUMAR	ASSISTANT PROFESSOR
12	K.GOPALAKRISHNAN	ASSISTANT PROFESSOR
13	J.MATHAN	ASSISTANT PROFESSOR
14	S.RAHUL	ASSISTANT PROFESSOR
15	M.AMARNATH	ASSISTANT PROFESSOR

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	Semester:	EVEN	Date &Time:	13.12.2021& 10.30 am
Name of the Programme:	MERF Seminar Talk -02	Title:	Seminar on Robotics and Artificial Intelligence		
Venue:	THROUGH GOOGLE MEET			No. of Participants Attended :	15

Resource Person

Dr.K.Venkatesh Raja,M.E.,Ph.D.,
Associate Professor.
Department Of Mechanical Engineering.
Sona College of Technology, Salem

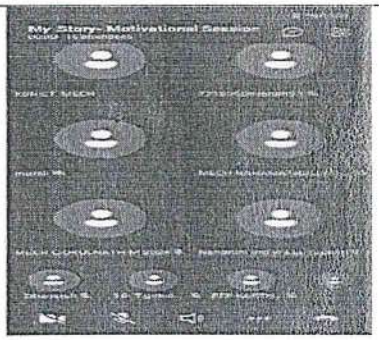

Fig. MERF Seminar Talk – 02 by Dr.K.Venkatesh Raja,M.E.,Ph.D.,on 13.12.2021& 10.30 am

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students. Artificial intelligence (AI) and robotics are digital technologies that will have significant impact on the development of humanity in the near future. They have raised fundamental questions about what we should do with these systems, what the systems themselves should do, what risks they involve, and how we can control these. MERF Talk will make students think innovative and improve their skill.

Dept. Coordinator

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DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

REF: KSRIET/MECH/SMART/ MERF/2021-2022/01 DATE: 01-12-2021

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a "seminar ON BLOCK CHAIN ANALYTICS AND BIG DATA – THE FUTURE OF BUSINESS PROCESS." **N.GIRIDHARAN., M.E.,** Assistant Professor on 04/12/2021 from 03.00 pm at Mechanical seminar hall. All are asked to attend the session and make it useful.

COORDINATOR

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	DEPARTMENT OF MECHANICAL ENGINEERING		
	SMART ASSOCIATION		
	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)		
DATE: 04.12.2021		VENUE:MECHANICAL SEMINAR HALL	Time: 03.00 pm
RESEARCH SEMINAR TALK	NO.01	TOPIC: SEMINAR ON BLOCK CHAIN ANALYTICS AND BIG DATA – THE FUTURE OF BUSINESS PROCESS.	
RESOURCE PERSON/FACULTY/STUDENT DETAILS	Mr. N.GIRIDHARAN.,M.E., Assistant Professor Department of computer science and engineering K.S.RANGASAMY College of Technology, Tiruchengode.		

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DEPARTMENT OF MECHANICAL ENGINEERING

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In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	Seminar on Block Chain Analytics and Big Data – The Future of Business Process	Date &Time: 04.12.2021& 03.00 pm
Resource Person Details		**Mr. N.GIRIDHARAN.,** Assistant Professor Department of computer science and engineering K.S.Rangasamy college of Technology, TIRUCHENGODE.

AGENDA

S. No.	Particulars	
1.	Welcome Address	**Ms. R.SANDHIYA** III Year Student Department of Mechanical Engineering
2.	HoD Address	**Dr. P.GOPINATH** HoD /Mechanical
3.	Seminar Speech	**Mr. N.GIRIDHARAN.,** Assistant Professor Department of computer science and engineering
4.	Vote of Thanks	**Ms.M.DEEPA** III Year Student Department of Mechanical Engineering

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SMART ASSOCIATION

In associated with

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Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	Semester:	EVEN	Date &Time:	04.12.2021 & 03.00 pm
Name of the Programme:	MERF Seminar Talk -01	Title:	Seminar on Intellectual property and Copyrights		
Venue:	Mechanical Seminar hall			No. of Participants Attended :	15

Resource Person

Mr. N.GIRIDHARAN.,M.E.,
Assistant Professor
Department of Computer Science and Engineering
K.S.Rangasamy college of Technology,
Tiruchengode.

Fig. MERF Seminar Talk – 01 by Mr. N.GIRIDHARAN,M.E.,on 04.12.2021 at 03.00 pm

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students. Blockchain is a digital and decentralized public ledger with a system that records transactions across several computers linked to a peer-to-peer network. It was originally developed for cryptocurrency assets like Bitcoin and Ethereum, but in recent years more opportunities have presented themselves. MERF Talk will make students think innovative and improve their skill.

Dept Coordinator

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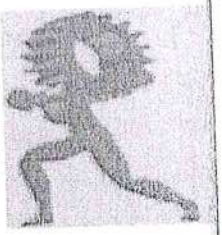

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Name of the Programme	SEMINAR ON BLOCK CHAIN ANALYTICS AND BIG DATA – THE FUTURE OF BUSINESS PROCESS	Date &Time: 04.12.2021 & 03.00 pm
Resource Person Details		Name: Mr. N.GIRIDHARAN.,M.E., Assistant Professor Department of Computer Science and Engineering K.S.Rangasamy College of Technology, Tiruchengode.

ATTENDANCE

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr.P.MURUGESAN	DIRECTOR - III & SD	
2	Dr.P.GOPINATH	ASSOCIATE PROFESSOR & HEAD	
3	Dr.R.MANI	PROFESSOR	
4	Dr.P.KANAKARAJAN	ASSOCIATE PROFESSOR	
5	A.MOHANRAJ	ASSISTANT PROFESSOR	
6	P.MANIKANDAN	ASSISTANT PROFESSOR	
7	R.VASANTHAKUMAR	ASSISTANT PROFESSOR	
8	S.BALAMURUGAN	ASSISTANT PROFESSOR	
9	K.VELUSAMY	ASSISTANT PROFESSOR	
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11	A.PREMKUMAR	ASSISTANT PROFESSOR	
12	K.GOPALAKRISHNAN	ASSISTANT PROFESSOR	
13	J.MATHAN	ASSISTANT PROFESSOR	
14	S.RAHUL	ASSISTANT PROFESSOR	
15	M.AMARNATH	ASSISTANT PROFESSOR	

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In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

REF: KSRIET/MECH/SMART/ MERF/2021-2022/03 DATE: 03-01-2022

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a "**seminar ON Investigation and Improving Impact Strength of Hybrid Composites on Two Wheeler Side.**" **Mr. S. RAHUL, M.E.,** Assistant Professor on 05-01-2022 from 03.00 pm at cad lab. All are asked to attend the session and make it useful.

COORDINATOR

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	DEPARTMENT OF MECHANICAL ENGINEERING
	SMART ASSOCIATION
	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

DATE: 05-01-2022		VENUE: CAD LAB	Time: 03.00 pm
RESEARCH SEMINAR TALK	NO.03	TOPIC: Seminar on Investigation and Improving Impact Strength of Hybrid Composites on Two Wheeler Side	
RESOURCE PERSON/FACULTY/STUDENT DETAILS	. Mr. S.RAHUL.,M.E., Assistant Professor. Department of Mechanical Engineering, K.S.R Institute for Engineering and Technology, Tiruchengode		

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Name of the Programme	Seminar on Investigation and Improving Impact Strength of Hybrid Composites on Two Wheeler Side	Date &Time 05-01-2022& 03.00 pm
Resource Person Details		Mr. S.RAHUL, M.E., Assistant Professor. Department of Mechanical engineering. K.S.R Institute for Engineering and Technology, Tiruchengode.

AGENDA

S. No.	Particulars	
1.	Welcome Address	Ms. R.SANDHIYA III Year Student Department of Mechanical Engineering
2.	HoD Address	Dr. P.GOPINATH HoD /Mechanical
3.	Seminar Speech	Mr. S.RAHUL,M.E., Assistant Professor K.S.R Institute for Engineering and Technology,Technology
4.	Vote of Thanks	Ms.M.DEEPA III Year Student Department of Mechanical Engineering

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DEPARTMENT OF MECHANICAL ENGINEERING

SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	Seminar on Investigation and Improving Impact Strength of Hybrid Composites on Two Wheeler Side	Date &Time
		05-01-2022& 03.00 pm
Resource Person Details		Mr. S.RAHUL.,M.E., Assistant Professor. Department of Mechanical engineering. K.S.R Institute for Engineering and Technology, Tiruchengode.

ATTENDANCE

S.No	Student Name	Signature
1	Dr.P.Murugesan	
2	Dr.P.Gopinath	
3	Dr.R.Mani	
4	Dr.P.Kanakarajan	
5	A.Mohanraj	
6	P.Manikandan	
7	R.Vasanthakumar	
8	S.Balamurugan	
9	K.Velusamy	
10	P.Chakravarthi	
11	A.Premkumar	
12	K.Gopalakrishnan	
13	J.Mathan	
14	S.Rahul	
15	M.Amarnath	

HoD

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	**Semester:**	ODD	**Date &Time:**	05-01-22 & 3.00 pm
Name of the Programme:	MERF Seminar Talk -03	**Title:**	**seminar on Investigation and Improving Impact Strength of Hybrid Composites on Two Wheeler Side**		
Venue:	CAD LAB			**No. of Participants Attended :**	15

Resource Person

Mr. S.RAHUL.,M.E.,
Assistant Professor.
Department of Mechanical Engineering.
K.S.R Institute for Engineering and Technology,
Tiruchengode.

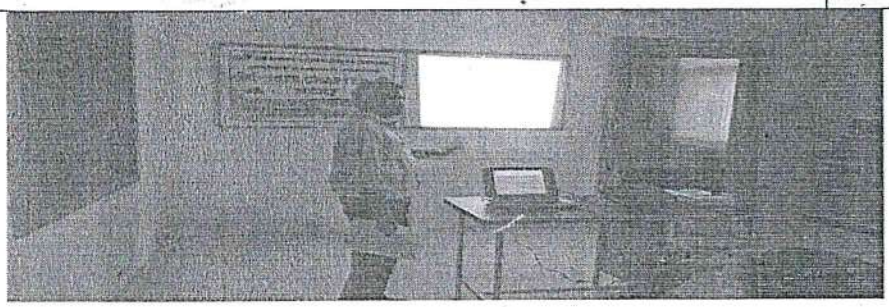

Fig. MERF Seminar Talk – 03 by Mr. S.RAHUL.,M.E.,.,on 05-01-22 & 3.00 pm

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students.. The composite materials are replacing the traditional materials, because of their superior properties such as high impact strength, to weight ratio. The developments of new materials are on the anvil and are growing day by day. Natural fiber composites such as sisal fiber became more attractive due to their high specific strength, lightweight and biodegradability. Mixing of natural fiber with Glass-Fiber is finding increase in applications.

Dept. Coordinator

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

REF: KSRIET/MECH/SMART/ MERF/2021-2022/04 DATE: 24-01-2022

CIRCULAR

This is to inform all the Faculty members and Students the SMART ASSOCIATION in associated with MERF (Mechanical Engineers Research Forum) organizes a "**seminar ON CRYOGENIC MACHINING.**" **Mr. S.BALAMURUGAN, M.E.,** Assistant Professor on 28-01-2022 from **12.45 pm to 1.15 pm** at cad lab. All are asked to attend the session and make it useful

COORDINATOR

HOD/MECH

Copy to:

1. Notice Board
2. Circulate to all classes

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INVITATION

KSRIET	KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
MECHANICAL	DEPARTMENT OF MECHANICAL ENGINEERING
	SMART ASSOCIATION
MERF	MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

DATE: 28-01-2022		VENUE:CAD LAB	Time: 12.45 pm to 1.15 pm
RESEARCH TALK	NO.04	TOPIC: SEMINAR ON CRYOGENIC MACHINING	
RESOURCE PERSON/FACULTY/ STUDENT DETAILS	Mr. S.BALAMURUGAN, M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode.		

WELCOME YOU ALL

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In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON CRYOGENIC MACHINING	Date &Time
		28-01-2022& 12.45 pm to 1.15 pm
Resource Person Details		Mr. S.BALAMURUGAN M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode.

AGENDA

S. No.	Particulars	
1.	Welcome Address	Ms. R.SANDHIYA III Year Student Department of Mechanical Engineering
2.	HoD Address	Dr. P.GOPINATH HoD /Mechanical
3.	Seminar Speech	Mr. S.BALAMURUGAN M.E., Assistant Professor Department of Mechanical Engineering KSR Institute For Engineering and Technology, Tiruchengode.
4.	Vote of Thanks	Ms.M.DEEPA III Year Student Department of Mechanical Engineering

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SMART ASSOCIATION

In associated with

MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of the Programme	SEMINAR ON CRYOGENIC MACHINING	Date &Time
		28-01-2022& 12.45 pm to 1.15 pm
Resource Person Details		Mr. S.BALAMURUGAN ,M.E., Assistant Professor. Department of Mechanical Engineering. KSR Institute For Engineering and Technology, Tiruchengode.

ATTENDANCE

S.No	Student Name	Signature
1	Dr.P.Murugesan	
2	Dr.P.Gopinath	
3	Dr.R.Mani	
4	Dr.P.Kanakarajan	
5	A.Mohanraj	
6	P.Manikandan	
7	R.Vasanthakumar	
8	S.Balamurugan	
9	K.Velusamy	
10	P.Chakravarthi	
11	A.Premkumar	
12	K.Gopalakrishnan	
13	J.Mathan	
14	S.Rahul	28/1/22
15	M.Amarnath	

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MECHANICAL ENGINEERS RESEARCH FORUM (MERF)

Name of Forum/ Cell/ CoE: Mechanical Engineers Research Forum (MERF)					
Academic Year:	2021- 2022	**Semester:**	EVEN	**Date &Time:**	28-01-2022 & 12.45 pm to 1.15 pm
Name of the Programme:	MERF Seminar Talk -04	**Title:**	**SEMINAR ON CRYOGENIC MACHINING**		
Venue:	Cad lab			**No. of Participants Attended :**	15

Resource Person

Mr.S.BALAMURUGAN M.E.,
Assistant Professor.
Department of Mechanical Engineering.
KSR Institute For Engineering and Technology, Tiruchengode.

Fig. MERF Seminar Talk – 04 by Mr. S.BALAMURUGAN M.E., on 28-01-2022 & 12.45 pm to 1.15 pm

Brief about the Program:

MERF Talk is one of the forum activity comes under Mechanical Engineers Research Forum (MERF) which helps the students and faculty to get to know about recent technology and share their idea among other students.. Cryogenic machining **deals with the direct application of cryogen in the cutting zone to reject heat to reduce tool wear rate and improve surface integrity**. Cryo-processing of the tool is a method to improve tool resistance to wear by treating them cryogenically before the machining process.

Dept. Coordinator

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IT

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(ODD)	Date :	21.06.2021	Research Talk:	01

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "How to publish a research paper in Quality journals" by Mr. S.Markkandeyan, Prof./IT on 23.06.2021 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

21/6/22

Research Talk (I/C)

HOD 21/6/22

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How to publish a research paper in Quality journals

Abstract

Publishing your research is an important step in your academic career. While there isn't a one-size-fits-all approach, this guide is designed to take you through the typical steps in publishing a research paper. Discover how to get your paper published, from choosing the right journal and understanding what a peer reviewed article is, to responding to reviewers and navigating the production process. Choosing which journal to publish your research paper in is one of the most significant decisions you have to make as a researcher. Where you decide to submit your work can make a big difference to the reach and impact your research has. It's important to take your time to consider your options carefully and analyze each aspect of journal submission – from short listing titles to your preferred method of publication, for example open access. Don't forget to think about publishing options beyond the traditional journals format – for example, open research platform F1000Research, which offers rapid, open publication for a wide range of outputs.

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Department of Information Technology

Research Talk Attendance

Academic Year :	2021-22 (ODD)	Date :	23-06-2021
Venue:	IT Seminar Hall	Research Talk:	01.
Title:	How to Publish a research paper in Quality Journal	Presented by:	Dr.S Markkandeyar

S. No.	Name of the Faculty	Signature
1.	L. SELVAM	23/6
2.	S.S. Ramyadharshini	S.S. Ramyadharshini
3.	N. Kannan	N. K
4.	N. Ranuka	N. R
5.	Dr. N. B. Mahesh Kumar	
6)	Dr. S. Russia	
7)	S. Nandhagopal	S.
8	D. Balakrishnan	D. Balak 23/6
9)	P. Keerthana	P. K
10.	K. G. Lavanya	K. G. Lavanya
11.	P. S. Prakash Kumar	P. S.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(ODD)	Date :	26.07.2021	Research Talk:	02

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**Computational Intelligence**" by Mr.D.Balakrishnan, AP/IT on 28.07.2021 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

Research Talk (I/C) 26/7/21

HOD 26/7/21

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Computational Intelligence

Abstract

Computational Intelligence (CI) is the theory, design, application and development of biologically and linguistically motivated computational paradigms. Traditionally the three main pillars of CI have been Neural Networks, Fuzzy Systems and Evolutionary Computation. However, in time many nature inspired computing paradigms have evolved. Thus CI is an evolving field and at present in addition to the three main constituents, it encompasses computing paradigms like ambient intelligence, artificial life, cultural learning, artificial endocrine networks, social reasoning, and artificial hormone networks. CI plays a major role in developing successful intelligent systems, including games and cognitive developmental systems. Over the last few years there has been an explosion of research on Deep Learning, in particular deep convolution neural networks. Nowadays, deep learning has become the core method for artificial intelligence. In fact, some of the most successful AI systems are based on CI. Using the human brain as a source of inspiration, artificial neural networks (NNs) are massively parallel distributed networks that have the ability to learn and generalize from examples. This area of research includes feed forward NNs, recurrent NNs, self-organizing NNs, deep learning, convolution neural networks and so on. Using the human language as a source of inspiration, fuzzy systems (FS) model linguistic imprecision and solve uncertain problems based on a generalization of traditional logic, which enables us to perform approximate reasoning. This area of research includes fuzzy sets and systems, fuzzy clustering and classification, fuzzy controllers, linguistic summarization, fuzzy neural networks, type 2 fuzzy sets and systems, and so on.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology			
Research Talk Attendance			
Academic Year :	2021-22 (ODD)	Date :	28.07.2021
Venue:	IT Seminar Hall	Research Talk:	02
Title:	Computational Intelligence	Presented by:	MT.D.Balakrishnan

S. No.	Name of the Faculty	Signature
1.	S.S.Ramyadharshini	S.S.Ramyadharshini
2.	N.KANNAN	N.K
3.	Dr.S.Russia	
4.	P.S.Prakash Kumar	P.S.P
5	S. Nandhagopal	S.N
6	N. Renuka	N.R
7.	Dr.N.B.Mahesh Kumar	
8	L.SELVAN	28/7/21
9.	P.Keerthana	P.K
10.	K.G.Lavanya	K.G.Lavanya
11.		

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(ODD)	Date :	23.08.2021	Research Talk:	03

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**Microsoft Azure AI Fundamentals**" by. Mr.N.Kannan, AP/IT on 25.08.2021 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

23/8/21

Research Talk (I/C)

HOD

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Microsoft Azure AI Fundamentals

Abstract

Artificial Intelligence (AI) impacts almost everything we do today with devices and computers. The purpose of the AI-900 exam is to test your understanding of the fundamental concepts of AI and the AI services Microsoft provides in Azure. The exam includes high-level concepts for AI and machine learning (ML), as well as the capabilities of particular Azure AI services. Having a high-level appreciation of AI is important to everyone involved in building and using solutions that make use of AI. There are no prerequisite skills or experience required. Microsoft certifications distinguish you by proving your command of a broad set of skills and experience with current Microsoft products and technologies. The exams and corresponding certifications are developed to validate your mastery of critical competencies as you design and develop, or implement and support, solutions with Microsoft products and technologies both on-premises and in the cloud. Certification brings a variety of benefits to the individual and to employers and organizations. Machine learning (ML) is the current focus of AI in computer science. Machine learning focuses on identifying and making sense of the patterns and structures in data and using those patterns in software for reasoning and decision making. ML uses past experiences to make future predictions. ML allows computers to consistently perform repetitive and well-defined tasks that are difficult to accomplish for humans. Over the past few years, machine learning algorithms have proved that computers can learn tasks that are tremendously complicated for machines and have demonstrated that ML can be employed in a wide range of scenarios and industries. machine learning algorithms such as clustering, classification, and regression and how machine learning works in terms of organizing datasets and applying algorithms to train a machine learning model.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology			
Research Talk Attendance			
Academic Year :	2021-22 (ODD)	Date :	25-08-2021
Venue:	IT Seminar Hall	Research Talk:	03
Title:	Microsoft Azure AI fundamentals	Presented by:	Mr. N. Kannan

S. No.	Name of the Faculty	Signature
1)	Dr. S. Russia	
2.	L. SELVAN	25/8/21
3.	Dr. N. B. Mahesh Kumar	
4.	D. BALAKRISHNAN	D. Balak 25/8
5.	N. Kannan	
6.	S. S. Ramyadharshini	S.S. Ramyadharshini
7.	S. Nandhagopal	
8.	K. G. Lavanya	K.G. Lavanya
9.	N. Renuka	
10.	P. Keerthana	
11.	P. S. Prakash Kumar	
12.		

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(ODD)	Date :	27.09.2021	Research Talk:	04

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**Privacy - Preserving AI techniques for Machine Learning**" by Ms.S.S.Ramyadharshni, AP/IT on 29.09.2021 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

27/9/21

Research Talk (I/C)

27/9/21

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Privacy - Preserving AI techniques for Machine Learning

Abstract

Machine learning algorithms based on deep Neural Networks (NN) have achieved remarkable results and are being extensively used in different domains. On the other hand, with increasing growth of cloud services, several Machine Learning as a Service (MLaaS) are offered where training and deploying machine learning models are performed on cloud providers' infrastructure. However, machine learning algorithms require access to the raw data which is often privacy sensitive and can create potential security and privacy risks. To address this issue, we present CryptoDL, a framework that develops new techniques to provide solutions for applying deep neural network algorithms to encrypted data. In this paper, we provide the theoretical foundation for implementing deep neural network algorithms in encrypted domain and develop techniques to adopt neural networks within practical limitations of current homomorphic encryption schemes. We show that it is feasible and practical to train neural networks using encrypted data and to make encrypted predictions, and also return the predictions in an encrypted form. We demonstrate applicability of the proposed CryptoDL using a large number of datasets and evaluate its performance. The empirical results show that it provides accurate privacy-preserving training and classification. Machine learning algorithms based on deep Neural Networks (NN) have attracted attention as a breakthrough in the advance of artificial intelligence (AI) and are the mainstream in current AI research. These techniques are achieving remarkable results and are extensively used for analyzing big data in a variety of domains such as spam detection, traffic analysis, intrusion detection, medical or genomics predictions, face recognition, and financial predictions [9, 10, 24, 27, 32, 38, 44, 54]. However, training the models requires access to the raw data which is often privacy sensitive and can create potential privacy risks.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Information Technology

Research Talk Attendance

Academic Year :	2021-22 (ODD)	Date :	29.09.2021
Venue:	IT Seminar Hall	Research Talk:	04
Title:	Privacy-Preserving AI techniques for machine learning	Presented by:	Ms S.S.Ramyadharan

S. No.	Name of the Faculty	Signature
1)	D. S. Rusia.	
2.	N. Renuka	
3.	P.S. Prakash Kumar	
4.	L. SELVAM	29/9/21
5.	N.B. Mahesh kumar	
6	S. Nandhagopal	
7	D. BALAKRISHNAN	
8.	K.G. Lavanya	
9.	M. Kannan	
10	P. Keerthana	

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(ODD)	Date :	25.10.2021	Research Talk:	05

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "How to get Patents for Research Work" by Dr.L.Selvam, Prof.&Head/ IT on 27.10.2021 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

Research Talk (I/C)

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How to get Patents for Research Work

Abstract

With the ongoing CRISPR patent battle, there is no better time to refresh some important information on patenting inventions. Legally, technology transfer is defined as formal licensing of technical inventions to third parties under the guidance of professional organization. Accordingly, for new technological inventions, a government body usually grants legal rights (monopoly) in the form of a patent. A patent awards rights to the inventor/entity, preventing others from claiming ownership, yet allowing the use of the technology. The process for applying and acquiring a patent is however complex and diverse. Primarily, the United States Patent and Trademark Office has a clear patent application process for outstanding research inventions. On the same note, the European Community Research and Development framework has similar guidelines. By definition, a patent is protection granted to an invention by a national government. This protection provides leverage to the patent holder. It excludes others from creating, using, or selling an invention for a period stated in the patent document. A patent lasts for over 20 years. Three types of patent grants include; utility, design, and plant, with most new inventions registered as utility patents. The development must be novel to the world, have a useful purpose with "real-world" value and be non-obviously original. With computer-related inventions, for example, patent examiners first determine the software's patent suitability based on the functionality. Based on the contribution, the role of the inventor is legally determined. In addition, when assigning inventor ship, the contribution made by co-authors to publish work related to the invention is subjective. Additionally, publicly available information known as 'prior art' needs to be considered.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology			
Research Talk Attendance			
Academic Year :	2021-22 (ODD)	Date :	27-10-2021
Venue:	IT Seminar Hall	Research Talk:	05.
Title:	How to get Patents for Research work.	Presented by:	Dr. L. Selvam

S. No.	Name of the Faculty	Signature
1	Dr. S. Russia	
2.	P. S. Prakash Kumar	
3.	N. Kannan	
4.	N. B. Mahesh Kumar	
5.	N. Renuka	
6.	Smt. Ramyadharshini	
7	D. BALAKRISHNAN	
8	S. Nandhagopal	
9.	P. Keerthana	
10.	K. G. Lavanya	
11.		

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(ODD)	Date :	27.12.2021	Research Talk:	06

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**Artificial Intelligence in healthcare**" by Mr.P.S.Prakashkumar, AP/IT on 29.12.2021from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

Research Talk (I/C)

HOD 27/12/21

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TIRUCHENGODE-637 215.
NAMAKKAL Dt. Tamil Nadu

Artificial Intelligence in healthcare

Abstract

AI in healthcare is an umbrella term to describe the application of machine learning (ML) algorithms and other cognitive technologies in medical settings. In the simplest sense, AI is when computers and other machines mimic human cognition, and are capable of learning, thinking, and making decisions or taking actions. AI in healthcare, then, is the use of machines to analyze and act on medical data, usually with the goal of predicting a particular outcome. A significant AI use case in healthcare is the use of ML and other cognitive disciplines for medical diagnosis purposes. Using patient data and other information, AI can help doctors and medical providers deliver more accurate diagnoses and treatment plans. Also, AI can help make healthcare more predictive and proactive by analyzing big data to develop improved preventive care recommendations for patients. Healthcare is one of the most critical sectors in the broader landscape of big data because of its fundamental role in a productive, thriving society. The application of AI to healthcare data can literally be a matter of life and death. AI can assist doctors, nurses, and other healthcare workers in their daily work. AI in healthcare can enhance preventive care and quality of life, produce more accurate diagnoses and treatment plans, and lead to better patient outcomes overall. AI can also predict and track the spread of infectious diseases by analyzing data from a government, healthcare, and other sources. As a result, AI can play a crucial role in global public health as a tool for combating epidemics and pandemics.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology			
Research Talk Attendance			
Academic Year :	2021-22 (ODD)	Date :	29.12.2021
Venue:	IT Seminar Hall	Research Talk:	06
Title:	Artificial Intelligence in healthcare	Presented by:	Mr. P.S Prakash Kumar

S. No.	Name of the Faculty	Signature
1.	P.S. Prakash Kumar	P.S. Prakash
2.	Dr.S. Markkandeyan	29/12/21
3.	S.S. Ramyadharshini	S.S. Ramyadharshini
4.	A. SELVAN	29/12/21
5.	N.B. Mahesh Kumar	
6	N. Kannan	N. Kannan
7)	Dr. S. Rubia	
8)	S. Nandhagopal	
9	D. BALAKRISHNAN	D. Balakrishnan
10.	P. Keerthana	P. Keerthana
11	K.G. Lavanya	K.G. Lavanya

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(EVEN)	Date :	21.02.2022	Research Talk:	01

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**Block Chain Technology**" by Ms.N.Renuka, AP/IT on 23.02.2022 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

21/2/22
Research Talk (I/C)

21/2/2022
HOD

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BLOCK CHAIN TECHNOLOGY

Abstract

A block chain is a public ledger to which everyone has access but without a central authority having control. It is an enabling technology for individuals and companies to collaborate with trust and transparency. One of the best know applications of block chains are the cryptographic currencies such as Bit coin and others, but many other applications are possible. Block chain technology is considered to be the driving force of the next fundamental revolution in information technology. Many implementations of block chain technology are widely available today, each having its particular strength for a specific application domain. The tutorial provides the participants with insights and practical experience on Block chain technology and applications in practice, as well as theory based exploration of possible business cases. A block chain is a type of distributed ledger technology (DLT) that consists of growing list of records, called *blocks*, that are securely linked together using cryptography. Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data (generally represented as a Merkle tree, where data nodes are represented by leaves). The timestamp proves that the transaction data existed when the block was created. Since each block contains information about the previous block, they effectively form a *chain* (compare linked list data structure), with each additional block linking to the ones before it. Consequently, block chain transactions are irreversible in that, once they are recorded, the data in any given block cannot be altered retroactively without altering all subsequent blocks

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Research Talk Attendance

Academic Year :	2021-22 (EVEN)	Date :	23.02.2022
Venue:	IT Seminar Hall	Research Talk:	01
Title:	Black Chain Technology.	Presented by:	Ms. N. Renuka

S. No.	Name of the Faculty	Signature
1)	Dr. S. Russia	
2.	P. S. Prakash kumar	P. S. Pra.
3	S. Nandhagopal	S.
4.	N. Kannan	N. Kan
5.	Dr. S. Markkandeyan	23/2/22
6.	D. Balakrishnan	D. Bala
7.	S. S. Ramyadharshini	S.S. Ramyadharshini.
8.	A. S. Mahesh Kumar	
9.	L. SELVAM	23/2/22
10.	P. Keerthana	P. K
11.	K. G. Lavanya	K. G. Lavanya

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(EVEN)	Date :	28.03.2022	Research Talk:	02

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**How to get Patents for Research Work**" by Dr.P.Meenakshi Devi, Professor/IT on 30.03.2022 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

28/3/22

Research Talk (I/C)

28/3/22

HOD/IT

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How to get Patents for Research Work

Abstract

Securing patent protection is one of the most important ways of safeguarding your intellectual assets. In order to succeed and stay on top of the game, companies must distinguish themselves from their competitors based on their intellectual property portfolios. Patent protection stops your contenders from making, using, distributing, or importing your innovation in the country or countries in which patent rights are granted. Let us develop into the world of patents and learn how to effectively safeguard your intellectual property with these simple tips. There are three key conditions – novelty, innovation, and industrial applicability which must be fulfilled for an idea to be patented. The invention must demonstrate a new characteristic that is unknown in the current body of literature. It should be such that an individual with ordinary skills in the relevant field should not be able to deduce it very easily or obviously. However, while filing the patent one must describe it in sufficient details such that any person with ordinary skill sets in the similar field can replicate it. The patent must also demonstrate industrial applicability. Before filing a patent, one should ensure that the innovation has not been anticipated by publication in any form prior to the date of filing the patent. For confirming this on must conduct an exhaustive patent search. There are various methods of identifying already existing patents.

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology			
Research Talk Attendance			
Academic Year :	2021-22 (EVEN)	Date :	30.03.2022
Venue:	IT Seminar Hall	Research Talk:	02
Title:	How to get patents for Research work.	Presented by:	Dr. P Meenakshi Devi

S. No.	Name of the Faculty	Signature
1.	L. SELVAM	[signature] 30/3
2)	Dr. S. Russia	[signature]
3.	Dr. S. Markkandeyan	[signature] 30/3/22
4.	S. S. Ranjadharshini	S. S. Ranjadharshini
5	N. Kannan.	[signature]
6	N. B. Mahesh Kumar	[signature]
7.	T. Selva Prabhu	[signature]
8	D. BALAKRISHNAN	D. [signature] 30/3
9.	N. Renuka	N. [signature]
10.	P. S. Prakash Kumar	P S [signature]
11.		

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY Department of Information Technology					
Research Talk Circular					
Academic Year :	2021-2022(EVEN)	Date :	25.04.2022	Research Talk:	03

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**Data Analytics using R programming**" by Mr.T.Selvaprabhu, AP/IT on 27.04.2022 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

Research Talk (I/C) 25/4/22

HOD 25/4/22

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DATA ANALYTICS USING R PROGRAMMING

Abstract

A huge repository of terabytes of data is generated each day from modern information systems and digital technologies such as Internet of Things and cloud computing. Analysis of these massive data requires a lot of efforts at multiple levels to extract knowledge for decision making. Therefore, big data analysis is a current area of research and development. The basic objective of this paper is to explore the potential impact of big data challenges, open research issues, and various tools associated with it. As a result, this article provides a platform to explore big data at numerous stages. Additionally, it opens a new horizon for researchers to develop the solution, based on the challenges and open research issues. Keywords—Big data analytics; Hadoop; Massive data, Structured data, Unstructured Data. In digital world, data are generated from various sources and the fast transition from digital technologies has led to growth of big data. It provides evolutionary breakthroughs in many fields with collection of large datasets. In general, it refers to the collection of large and complex datasets which are difficult to process using traditional database management tools or data processing applications. These are available in structured, semi-structured, and unstructured format in pet bytes and beyond. Generally, Data warehouses have been used to manage the large dataset. In this case extracting the precise knowledge from the available big data is a foremost issue.

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Department of Information Technology

Research Talk Attendance

Academic Year :	2021-22 (EVEN)	Date :	27.04.2022
Venue:	IT Seminar Hall	Research Talk:	03
Title:	Data Analytics Using R Programming	Presented by:	Mr.T.Selvaprabhu

S. No.	Name of the Faculty	Signature
1.	Dr. S. Russia	
2.	Dr.S. Markkandeyan	27/4/22
3.	N. Kannan	
4.	L. SELVAM	
5.	S. S. Ramyadharini	
6.	D. Balakrishnan	
7.	M. B. Mahesh Kumar	
8.	N. Renuka	
9	S. Nandhagopal	
10.	P. Keerthana	
11.	K. G. Lawanya	

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Research Talk Circular					
Academic Year :	2021-2022(EVEN)	Date :	23.05.2022	Research Talk:	04

This is to inform all the faculty members that there will be a seminar presentation under Research Talk on "**Mock Interview for Industry Readiness**" by Dr.S.Russia, Prof./IT on 25.05.2022 from 3:30 pm to 4:00 pm at IT Seminar Hall. All are cordially invited to take part in and get benefited by the session.

Research Talk (I/C)

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Mock Interview for Industry Readiness

Abstract

A mock interview mirrors an actual job interview. It gives you an opportunity to practice what to say and do during an interview and get feedback. Whether it's face-to-face, online, or through a webcam, a mock interview is useful in reviewing your answers to common interview questions and assessing other factors such as your outfit, mannerisms, and body language. A typical mock interview is a practice job interview held with a professional career counselor. A mock interview helps you learn how to answer difficult questions, develop interview strategies, improve your communication skills, and reduce your stress before an actual job interview. A mock interview is an emulation of a job interview used for training purposes. The conversational exercise usually resembles a real interview as closely as possible, for the purpose of providing experience for a candidate. Mock Interview is an imitation interviewing session of an actual interview, which can be conducted by anyone who has little knowledge about the respective industry of candidate's interest. The interview tries to emulate an actual interview as closely as possible and aims to provide the candidate with relevant experience.

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Research Talk Attendance

Academic Year :	2021-22 (EVEN)	Date :	25.05.2022
Venue:	IT Seminar Hall	Research Talk:	04
Title:	Mock Interview for Industry Readiness	Presented by:	Dr. S. Russia

S. No.	Name of the Faculty	Signature
1	Dr. S. Russia	
2)	S. Nandhagopal	
3.	P.S. Prakash Kumar	
4.	Dr.S.Markkandeyan	25/5/22
5.	N. Lakshman	
6.	S. S. Ramyadharshini	
7	L. SELVAM	25/5/22
8	D. BALAKRISHNAN	25/5
9.	N. B. Mahesh Kumar	
10.	P. Keerthana	
11.	K.G. Lavanya	

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BME

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Department of Biomedical Engineering

CKT (Centre for Knowledge Transfer)

02.08.2021

This is to inform that knowledge Sharing activity, Centre for knowledge Transfer (CKT) is conducted in BME department from **12.30 pm to 1.15 pm** on **03.08.2021** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Computational Synthetic and System biology

Presented by: Mr B B Sangameswaran, AP/BME

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HoD 2/8/21

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Biomedical Engineering

CKT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 14.09.2021

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Prabu	
2.	Ms R Swathi Sri	
3.	Ms M Brinda	

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14/9/21
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Department of Biomedical Engineering

CKT (Centre for Knowledge Transfer)

02.08.2021

This is to inform that knowledge Sharing activity, Centre for knowledge Transfer (CKT) is conducted in BME department from **12.30 pm to 1.15 pm** on **03.08.2021** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Computational Synthetic and System biology

Presented by: Mr B B Sangameswaran, AP/BME

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2/8/21
HoD

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
Department of Biomedical Engineering

CKT ATTENDANCE

ACADEMIC YEAR: 2021-2022 **DATE: 03.08.2021**

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Prabu	
2.	Ms M Brinda	
3.	Ms R Swathi Sri	

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HoD 3/8/21

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Department of Biomedical Engineering

CKT (Centre for Knowledge Transfer)

31.01.2022

This is to inform that knowledge Sharing activity, Centre for knowledge Transfer (CKT) is conducted in BME department from **12.30 pm to 1.15 pm** on **01.02.2022** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Advancements Computational and Experimental Research in Medical Physics

Presented by: Ms V D Nandhini AP/BME

31/1/22

HoD

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Department of Biomedical Engineering

CKT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 14.09.2021

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Prabu	
2.	Mr B B Sangameswaran	14/09
3.	Ms R Swathi Sri	
4.	Ms M Brinda	M. Brinda.
5.	Mr K Tamizhazhakan	K. Thei

14/9/21
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Department of Biomedical Engineering

CKT (Centre for Knowledge Transfer)

07.02.2022

This is to inform that knowledge Sharing activity, Centre for knowledge Transfer (CKT) is conducted in BME department from **12.30 pm to 1.15 pm** on **08.02.2022** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Industry 4.0

Presented by: Dr Prabu Prof & Head/BME

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7/2/22
HoD

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Department of Biomedical Engineering

CKT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 08.02.2022

S.No.	FACULTY NAME	SIGNATURE
1.	Mr B B Sangameswaran	
2.	Ms R Swathi Sri	
3.	Ms M Brinda	
4.	Mr K Tamizhazhakan	
5.	Ms V D Nandini	

8/2/22

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Department of Biomedical Engineering

CKT (Centre for Knowledge Transfer)

21.02.2022

This is to inform that knowledge Sharing activity, Centre for knowledge Transfer (CKT) is conducted in BME department from **12.30 pm to 1.15 pm** on **22.02.2022** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Photomics and its Application

Presented by: Ms R Swathi Sri AP/BME

21/2/22

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Department of Biomedical Engineering

CKT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 22.02.2022

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Prabu	
2.	Mr B B Sangameswaran	
3.	Ms M Brinda	
4.	Mr K Tamizhazhakan	
5.	Ms V D Nandini	

HoD 22/2/22

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Department of Biomedical Engineering

CKT (Centre for Knowledge Transfer)

21.02.2022

This is to inform that knowledge Sharing activity, Centre for knowledge Transfer (CKT) is conducted in BME department from **12.30 pm to 1.15 pm** on **23.02.2022** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Collaboration of AI with AR and VR

Presented by: Mr K Tamizhazhakan AP/BME

HoD 21/2/22

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Department of Biomedical Engineering

CKT ATTENDANCE

ACADEMIC YEAR: 2021-2022 **DATE: 23.02.2022**

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Prabu	
2.	Mr B B Sangameswaran	23/02
3.	Ms R Swathi Sri	
4.	Ms V D Nandini	

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HoD 23/2/22

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CKT (Centre for Knowledge Transfer)

08.03.2022

This is to inform that knowledge Sharing activity, Centre for knowledge Transfer (CKT) is conducted in BME department from **12.30 pm to 1.15 pm** on **09.03.2022** for the benefit of faculty members to enhance their knowledge. All faculty members are invited to attend the programme and get benefited.

Topic: Practical Aspects of Intellectual Property Rights

Presented by: Mr K Tamizhazhakan AP/BME

08/3/22

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Department of Biomedical Engineering

CKT ATTENDANCE

ACADEMIC YEAR: 2021-2022 DATE: 09.03.2022

S.No.	FACULTY NAME	SIGNATURE
1.	Dr.R.Prabu	
2.	Mr B B Sangameswaran	
3.	Ms R Swathi Sri	
4.	Ms V D Nandini	

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9/3/22
HoD

IQAC

Orientation Programme on Quality Issues for Teachers and Students

S.No.	Name of the Program	Date
1.	Impact and Challenges in Ameliorating Featured New Education Policy in Engineering Education	12.06.2021
2.	Outcome Based Education & Assessment of CO-PO attainment	24.09.2021

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K S R Institute for Engineering and Technology

Approved by AICTE , New Delhi & Affiliated to Anna University Chennai

BE CSE,EEE,ECE ,Mech & B.Tech IT programmes are Accredited by NBA

Internal Quality Assurance Cell (IQAC)

Organize

Webinar On

Impacts and Challenges in Ameliorating featured New Education Policy in Engineering Education

Resource Person

Dr.S.Logeshkumar, B.E,M.E,Ph.D

Electric wheeler consultant

Asso.Program head

Parihaa.

12.06.2021

@

10.30 am

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Impacts and Challenges In Ameliorating Featured National Education Policy In Engineering Education

DATE: 12.06.2021

ATTENDANCE SHEET

S.No	Name of the faculty	Designation	Dept
1.	Dr.P.Veena	IQAC coordinator	EEE
2.	Dr.R.Jeyabharath	Controller of Examinations	EEE
3.	Dr.R.Nandhakumar	Director Administration	ECE
4.	Dr.P.Meenakshi Devi	Director Academics	IT
5.	Dr. J.C. Kannan	Director Student Affairs	S&H
6.	Dr.M.Vimaladevi	Professor &Head	CSE
7.	Mr.V.Gopinath	Assistant Professor	CSE
8.	Mr K.Vinoth	Assistant Professor	CSE
9.	Dr.T.Srihari	Professor	EEE
10.	Dr.C.Santhakumar	Associate Professor	EEE
11.	Dr.A.Murugesan	Associate Professor	EEE
12.	Y.Kalimuthu	Assistant Professor	EEE
13.	R.Sacithraa	Assistant Professor	EEE
14.	K.Meenatchi	Assistant Professor	EEE
15.	T.Arvind	Assistant Professor	EEE
16.	P. Divyabharathi	Assistant Professor	EEE
17.	P.Govindaraju	Associate Professor & Head	ECE
18.	B.Latha	Assistant Professor	ECE
19.	T.Marthandan	Assistant Professor	ECE
20.	M.V.Mahesh	Assistant Professor	ECE
21.	J.Divakaran	Assistant Professor	ECE
22.	M.Udhayakumar	Assistant Professor	ECE
23.	B.Vinothkumar	Assistant Professor	ECE
24.	V.Sindhuja	Assistant Professor	ECE
25.	P.Mohana Sunthari	Assistant Professor	ECE
26.	Dr.P.Gopinath	Professor &Head	Mech
27.	Dr.R.Mani	Associate Professor	Mech
28.	Dr.Kanakarajan	Associate Professor	Mech
29.	P.Manikandan	Assistant Professor	Mech
30.	R.Vasanthakumar	Assistant Professor	Mech
31.	K.Velusamy	Assistant Professor	Mech
32.	S.Mohanavelan	Assistant Professor	Mech
33.	A.Premkumar	Assistant Professor	Mech
34.	K.Gopalakrishnan	Assistant Professor	Mech
35.	S.Rahul	Assistant Professor	Mech

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36.	Dr.S.Russia	Professor &Head	IT
37.	Dr. N.B. Mahesh Kumar	Associate Professor	IT
38.	D.Balakrishnan	Assistant Professor	IT
39.	P.Keerthana	Assistant Professor	IT
40.	M.S.Vijayaraj	Assistant Professor	Maths
41.	S. Madhan	Assistant Professor	English
42.	Dr. V. Devabharathi	Professor	Physics
43.	Dr. D. Madhan	Associate Professor	Physics
44.	Dr. B. Munugesan	Assistant Professor	Chemistry
45.	S. Agiladevi	Assistant Professor	Chemistry
46.	S. Chelladurai	Assistant Professor	Chemistry
47.	Nasrin Farzana	Assistant Professor	

12/6/21
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Feedback "Impacts and Challenges in Ameliorating featured NEP in Engineering Education " - Organized by IQAC

53 responses

Name of the Faculty

53 responses

S.Agiladevi

ARVIND T

VASANTHAKUMAR R

GOPALAKRISHNAN.K

KALIMUTHU Y

Dr.P.Veena

CHAKRAVARTHI P

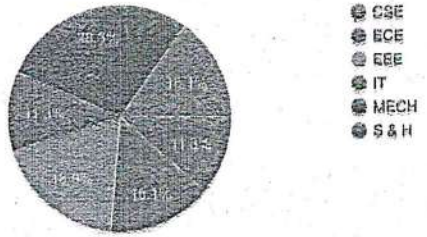
Divakaran J

M.Vimaladevi

S.Russia

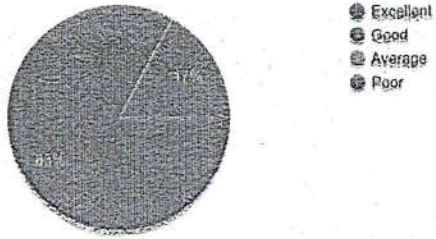
Department

53 responses



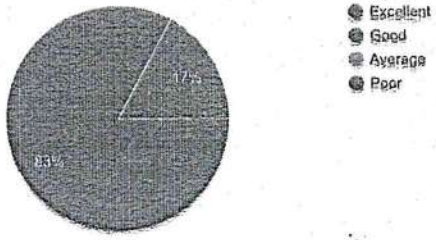
Contents of the Entire Session

53 responses



Approach and Delivery of the Resource Person

53 responses



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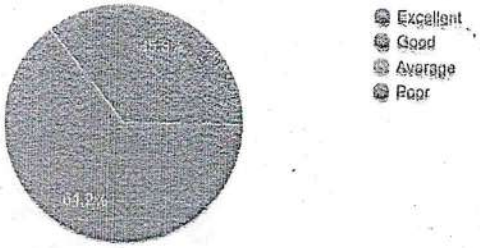
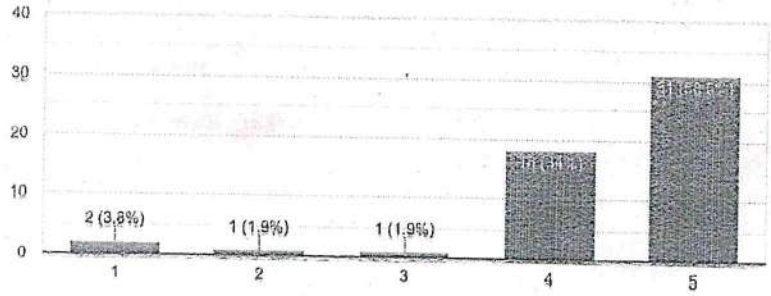
Effectiveness of the Online Session

53 responses



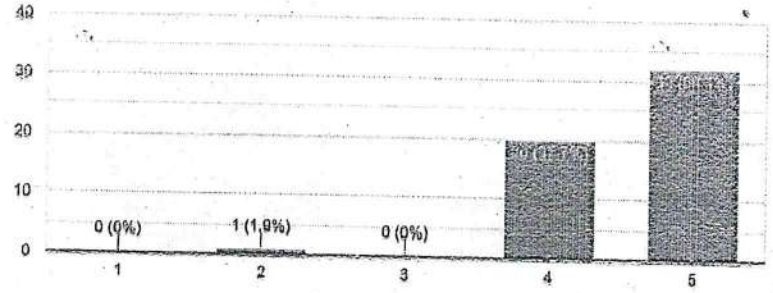
How useful was the information presented in this session?

53 responses



How would you rate the quality of visuals (Audio & video)?

53 responses



Any other comments or suggestions:

20 responses

Nil

Good

Good presentation and useful

Nothing

Very useful and informative

Excellent

Very useful session

-

NA

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TIRUCHENGODE – 637 215

REF: KSRIET/IQAC/2021-22/02 DATE: 20.09.2021

CIRCULAR

INTERNAL QUALITY ASSURANCE CELL (IQAC)

The Internal Quality Assurance Cell (IQAC) is organizing a One day Workshop on **"Outcome Based Education & Assessment of CO PO Attainment"** on 24.09.2021(Friday). In this regard, all faculty members are asked to attend the program without fail.

Topic	: **Outcome Based Education & Assessment of CO PO Attainment**
Resource Person1	: Dr.R.Jeyabharath
	Controller of Examinations, KSRIET
Resource Person2	: Dr.P.Veena
	IQAC Coordinator, Professor & Head/EEE, KSRIET
Venue	: EEE Seminar Hall
Date & Time	: 24.09.2021 (Friday) & 10:00AM-04:00PM

P. Veena 20/9/21
IQAC COORDINATOR

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Internal Quality Assurance Cell (IQAC)

Quest for Excellence

One day Workshop on

OutCome Based Education & Assessment of CO-PO Attainment

Friday, Sep 24, 2021
10.00 am - 4.00 pm

Dr.R.Jeyabharath
Controller of Examination
KSRIET

Dr.P.VEENA
Professor & Head
Department of EEE
KSRIET

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INTERNAL QUALITY ASSURANCE CELL(IQAC)

One Day Workshop on

"Outcome Based Education and Assessment of CO PO Attainment"

Attendance Sheet

Date:24.09.2021

S.NO.	STAFF NAME	DESIGNATION	DEPT	SIGNATURE
1	Dr. C. MUHUNTHARAJAN	PROFESSOR/HOD	ENGLISH	
2	S. MADHAN	ASSISTANT PROFEESOR	ENGLISH	
3	P. MOHAN	ASSISTANT PROFEESOR	ENGLISH	
4	M. ASICK ALI	ASP / HOD	MATHS	
5	M.S.VIJAYARAJ	ASSISTANT PROFESSOR	MATHS	
6	Dr. N. KUMARAVEL	ASSISTANT PROFEESOR	MATHS	
7	R. KAVITHA	ASSISTANT PROFESSOR	MATHS	
8	S. SELVARASU	ASSISTANT PROFESSOR	MATHS	
9	P. UMADEVI	ASSISTANT PROFESSOR	MATHS	
10	Dr. J.C. KANNAN	DIRECTOR - SASH	PHYSICS	
11	Dr. V. DEVABHARATHI	PROFEESOR	PHYSICS	
12	Dr. D. MADHAN	ASSOCIATE PROFESSOR	PHYSICS	
13	Dr. B. MURUGESAN	AP / HOD	CHEMISTRY	
14	S. AGILADEVI	ASSOCIATE PROFESSOR	CHEMISTRY	
15	S. CHELLADURAI	ASSISTANT PROFESSOR	CHEMISTRY	
16	Dr. R. PRABU	PROFESSOR/HOD	BME	
17	B.B. SANGAMESWARAN	ASSISTANT PROFESSOR	BME	
18	R. SWATHI SRI	ASSISTANT PROFESSOR	BME	
19	M. BRINDHA	ASSISTANT PROFESSOR	BME	
20	Dr. B. KALAAVATHI	DIRECTOR / R & D	CSE	
21	Dr. M. VIMALADEVI	ASP / HOD	CSE	
22	R. DEEBIKA	ASSISTANT PROFESSOR	CSE	
23	V. PRAKASHAM	ASSISTANT PROFESSOR	CSE	
24	V. GOPINATH	ASSISTANT PROFESSOR	CSE	
25	V. SOWMITHA	ASSISTANT PROFESSOR	CSE	

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S.NO.	STAFF NAME	DESIGNATION	DEPT	SIGNATURE
26	S. VIMALA	ASSISTANT PROFESSOR	CSE	
27	S. HAMSAREKA	ASSISTANT PROFESSOR	CSE	AB
28	K. VINOTH	ASSISTANT PROFESSOR	CSE	
29	M. BOOBALAN	ASSISTANT PROFESSOR	CSE	AB
30	A. SUHANA	ASSISTANT PROFESSOR	CSE	
31	C. MAHAVISHNU	ASSISTANT PROFESSOR	CSE	
32	Dr. R. NANDAKUMAR	DIRECTOR - ADMINISTRATION	ECE	
33	P. GOVINDARAJU	ASP / HOD	ECE	
34	Dr. S. PREMALATHA	ASSOCIATE PROFESSOR	ECE	
35	T. MARTHANDAN	ASSISTANT PROFESSOR	ECE	
36	B. LATHA	ASSISTANT PROFESSOR	ECE	
37	M. V. MAHESH	ASSISTANT PROFESSOR	ECE	24.09.21
38	J. DIVAKARAN	ASSISTANT PROFESSOR	ECE	AB
39	B. VINOTHKUMAR	ASSISTANT PROFESSOR	ECE	AB
40	M. UDHAYAKUMAR	ASSISTANT PROFESSOR	ECE	
41	V. SINDHUJA	ASSISTANT PROFESSOR	ECE	
42	P. MOHANA SUNTHARI	ASSISTANT PROFESSOR	ECE	
43	M. JEYABHARATHI	ASSISTANT PROFESSOR	ECE	AB
44	Dr. R. JEYABHARATH	DIRECTOR	EEE	
45	Dr. P. VEENA	PROFESSOR / HOD	EEE	
46	Dr. T. SRIHARI	PROFESSOR	EEE	
47	Dr. C. SANTHA KUMAR	ASSOCIATE PROFESSOR	EEE	
48	Dr. A. MURUGESAN	ASSOCIATE PROFESSOR	EEE	
49	Y. KALIMUTHU	ASSISTANT PROFESSOR	EEE	
50	R. SACITHRAA	ASSISTANT PROFESSOR	EEE	
51	C. SIVAKUMAR	ASSISTANT PROFESSOR	EEE	
52	K. MEENATCHI	ASSISTANT PROFESSOR	EEE	
53	P. DIVYABHARATHI	ASSISTANT PROFESSOR	EEE	

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S.NO	STAFF NAME	DESIGNATION	DEPT	SIGNATURE
54	S. MEENA	ASSISTANT PROFESSOR	EEE	
55	S. NANDHA KUMAR	ASSISTANT PROFESSOR	EEE	AB
56	Dr. S. RUSSIA	PROFESSOR / HOD	IT	24/9
57	DR. N.B. MAHESH KUMAR	ASSOCIATE PROFESSOR	IT	24/9
58	P.S. PRAKASH KUMAR	ASSISTANT PROFESSOR	IT	P.S. 24/9/21
59	D. BALAKRISHNAN	ASSISTANT PROFESSOR	IT	D. Balak 24/9/21
60	P. KEERTHANA	ASSISTANT PROFESSOR	IT	P.K 24/9/21
61	S.S. RAMYADHARSHINI	ASSISTANT PROFESSOR	IT	24/9/21
62	M. KANIMOZHI	ASSISTANT PROFESSOR	IT	M.Ka 24/9/21
63	N. KANNAN	ASSISTANT PROFESSOR	IT	24/9/21
64	N. RENUKA	ASSISTANT PROFESSOR	IT	N. 24/9/21
65	M. NAZRIN FARZANA	ASSISTANT PROFESSOR	IT	AB
66	E. SELVAPRABHU	ASSISTANT PROFESSOR	IT	24/09/21
67	Dr. P. MURUGESAN	DIRECTOR - III & SKILL DEVELOPMENT	MECH	AB
68	Dr. P. GOPINATH	ASP / HOD	MECH	
69	Dr. R .MANI	PROFESSOR	MECH	24/9/21
70	Dr. P. KANAKARAJAN	ASSOCIATE PROFESSOR	MECH	P. 24/9/21.
71	R. VASANTHAKUMAR	ASSOCIATE PROFEESOR	MECH	R 24/9/21
72	K. VELUSAMY	ASSOCIATE PROFEESOR	MECH	24/9/21
73	A. MOHANRAJ	ASSISTANT PROFEESOR	MECH	A.M.
74	P. MANIKANDAN	ASSISTANT PROFEESOR	MECH	24/9/2021
75	S. BALAMURUGAN	ASSISTANT PROFEESOR	MECH	24/9/21
76	P. CHAKRAVARTHI	ASSISTANT PROFEESOR	MECH	AB
77	A. PREMKUMAR	ASSISTANT PROFEESOR	MECH	A.
78	J. MATHAN	ASSISTANT PROFEESOR	MECH	J. 24/9/21
79	M. AMARNATH	ASSISTANT PROFESSOR	MECH	24/9/21
80	S. RAHUL	ASSISTANT PROFESSOR	MECH	S. 24/9/21

P. Kesav 26/9/21
IQAC COORDINATOR

26/09/21
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Feedback "Outcome Based Education - Assessment of CO PO Attainment" - Organized by IQAC

70 responses

Name of the Faculty with Designation (Eg: C.Sivakumar, Asst Prof)

70 responses

T SELVAPRABHU, Asst Prof

V.Sindhuja,Asst.Prof

C.Sivakumar, Asst Prof

V.Prakasham, Asst Prof

B B Sangameswaran/ Asst. Prof

P.Mohan

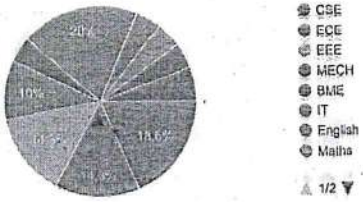
Vinoth K

R.DEEBIKA, Asst Prof

J.Mathan, AP/Mech

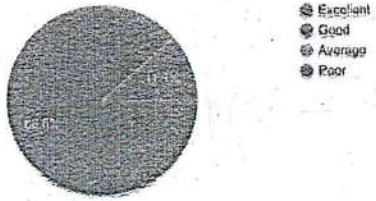
Department

70 responses



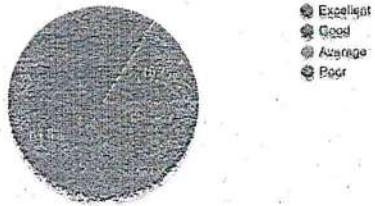
1. Rate the usefulness of the contents of the Workshop

70 responses



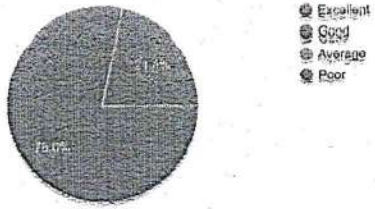
2. Approach and Delivery of the Resource Persons

70 responses



3. Effectiveness and Understanding Level of the Program

70 responses



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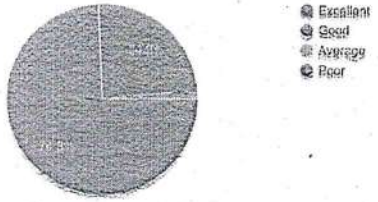
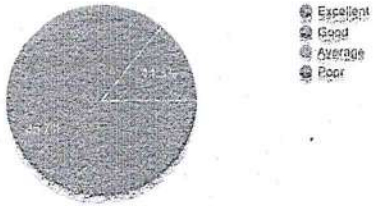
4. Rate the Question and Answer/ Doubt Clarification session

70 responses



5. Rate the overall organization of the workshop

70 responses



Any other comments or suggestions for improvement:

39 responses

Nil

Good

Excellent

Informative session

Informative

Informative

Excellent

Excellent Session, Came to know how CO & PO is framed and mapped in a simple manner

Nill

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Feedback "Outcome Based Education - Assessment of CO PO Attainment" - Organized by IQAC

Date : 24.09.2021 Time : 10:00AM-4:00PM
Resource Persons:
Dr.R.Jeyabharath, Controller of Examinations, KSRIET &
Dr.P.Veena- Professor & Head/EEE, KSRIET

Email *

selvaprabhut@ksriet.ac.in

Name of the Faculty with Designation (Eg: C.Sivakumar, Asst Prof) *

SELVAPRABHU T, Asst Prof

Department *

- ○ CSE
- ○ ECE
- ○ EEE
- ○ MECH
- ○ BME
- ◉ IT
- ○ English
- ○ Maths
- ○ Physics
- ○ Chemistry

1. Rate the usefulness of the contents of the Workshop *

- ◉ Excellent
- ○ Good
- ○ Average
- ○ Poor

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2. Approach and Delivery of the Resource Persons *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

3. Effectiveness and Understanding Level of the Program *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

4. Rate the Question and Answer/ Doubt Clarification session *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

5. Rate the overall organization of the workshop *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

Any other comments or suggestions for improvement:

Excellent

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Dr.P.Veena- Professor & Head/EEE, KSRIET

Email *

gopipalani@ksriet.ac.in

Name of the Faculty with Designation (Eg: C.Sivakumar, Asst Prof) *

Dr P.Gopinath, ASP

Department *

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- ○ ECE
- ○ EEE
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Any other comments or suggestions for improvement:

Excellent

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Dr.P.Veena- Professor & Head/EEE, KSRIET

Email *

udhayakumar@ksriet.ac.in

Name of the Faculty with Designation (Eg: C.Sivakumar, Asst Prof) *

M.Udhayakumar, Asst Prof

Department *

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- ◉ ECE
- ○ EEE
- ○ MECH
- ○ BME
- ○ IT
- ○ English
- ○ Maths
- ○ Physics
- ○ Chemistry

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- ( ) Average
- ( ) Poor

5. Rate the overall organization of the workshop *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

Any other comments or suggestions for improvement:

Nil

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CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. **Dr. R.Prabu, Professor, BME** has attended One Day Workshop on "**Outcome Based Education & Assessment of CO-PO Attainment**", at K S R Institute for Engineering and Technology, Tiruchengode - 637215 on **24.09.2021.**

Dr. P. VEENA
IQAC Coordinator

Certificate ID:
0TBIYY-CE000062

Dr. M. VENKATESAN
Principal

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Internal Quality Assurance Cell (IQAC)

Quest for Excellence

CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. **B B Sangameswaran/ Asst. Prof, BME** has attended One Day Workshop on **"Outcome Based Education & Assessment of CO-PO Attainment"**, at K S R Institute for Engineering and Technology, Tiruchengode - 637215 on **24.09.2021.**

Dr. P. VEENA
IQAC Coordinator

Certificate ID:
QTBIYY-CE000051

Dr. M. VENKATESAN
Principal

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KSRIET	**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY** **TIRUCHENGODE- 637215**
IQAC	**INTERNAL QUALITY ASSESSMENT CELL**

Name of the program	**WORKSHOP**	**Forum Name**	IQAC
Title of the Topic	**Outcome Based Education & Assessment of CO-PO Attainment**	**Date**	24/09/2021
		Time	10.00 AM - 04.00PM
		Number of Participants Attended	70
		Venue	EEE Seminar Hall
Name of the Resource Person	Dr.R.Jeyabharath, Controller of Examinations, KSRIET	Dr.P.Veena, Prof & Head/EEE, IQAC Coordinator, KSRIET	

Report of the Event

The Session started with Welcome address by Mr.P.Chakkravarthy, Asst. Prof of Mechanical Department. The Objective of this workshop is to understand the concept of Outcome based Education and to assess the CO, PO attainment of a program. The Forenoon Session was conducted by Dr.R.Jeyabharath, Controller of Examination, KSRIET and Afternoon Session was handled by Dr.P.Veena, Prof & Head/EEE and IQAC Coordinator. The concept of Outcome Based Education, the need for Accreditation and assessment methods were explained in detail. The Administrative system for Implementation of OBE and structure of COs were also discussed.

The framing of Course outcomes in association with Programme Outcomes, Bloom's Taxonomy and level prescription was stated. A detailed description about mapping of COs with POs and its attainment level were put forth with examples. The resource persons clarified the doubts asked by Faculty members. They also demonstrated the method of calculating CO-PO attainment through Hands on Training. The Session was ended with Vote of thanks delivered by Mr.M.Udhayakumar, Asst. Prof. of ECE Department.

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CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. **Dr. S. Premalatha, ECE** has attended One Day Workshop on "**Outcome Based Education & Assessment of CO-PO Attainment**", at K S R Institute for Engineering and Technology, Tiruchengode - 637215 on **24.09.2021.**

Dr. P. VEENA
IQAC Coordinator

Certificate ID:
0TBIYY-CE000021

Dr. M. VENKATESAN
Principal

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HRD CELL

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KSRIET/OFF/CIR/2021-22/004 DATE: 23.09.2021

CIRCULAR

This is to inform that Induction programme has been planned for the new faculty members for 2 days (28.09.2021 & 29.09.2021) by Human Resource Development Cell, KSRIET. The list of new faculty members and the schedule is enclosed herewith. All the heads are asked to inform the new faculty members given in the list to attend the induction programme without fail.

22/9/21
Director - Administration

23/9/21
Principal

Circulate to all Departments

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HUMAN RESOURCE DEVELOPMENT CELL

INDUCTION PROGRAMME SCHEDULE

DATE : 28.09.2021 & 29.09.2021 **VENUE: EEE - SEMINAR HALL**

DAY – 1 (28.09.2021)		
TIME	**TOPIC**	**RESOURCE PERSON**
09:15 a.m. – 10:00 a.m.	Inaugural address - Opportunities and Challenges in Engineering Education	Dr. M. Venkatesan Principal
10:00 a.m. – 11:00 a.m.	Attitude and Character Building	Dr. R. Nandakumar Director – Administration
11:00 a.m. – 11:15 a.m.	**Tea Break**	
11:15 a.m. – 12:45 p.m.	Soft Skills Development	Dr. R. Nandakumar Director – Administration
12:45 p.m. – 01:45 p.m.	**Lunch**	
01:45 p.m. – 02:45 p.m.	Professional Communication – Part 1	Dr. C. Muhuntarajan HoD – English
02:45 p.m. – 03:00 p.m.	**Tea Break**	
03:00 p.m. – 04:00 p.m.	Professional Communication – Part 2	Dr. C. Muhuntarajan HoD – English
DAY - 2 (29.09.2021)		
09:15 a.m. – 10:00 a.m.	Teaching & Learning and Assessment Techniques	Dr. R. Jeyabharath CoE
10:00 a.m. – 10:45 a.m.	Research and Development Activities	Dr. B. Kalaavathi Director – R&D
10:45 a.m. – 11:00 a.m.	**Tea Break**	
11:00 a.m. – 11:45 a.m.	III Cell and Skill Development Activities	Dr. P. Murugesan Director – III & SD
11:45 a.m. – 12:30 p.m.	Administrative Skills and T&P Activities	Dr. R. Nandakumar Director – Administration
12:30 p.m. – 01:30 p.m.	**Lunch**	
01:30 p.m. – 02:00 p.m.	Initiatives on Student Affairs	Dr. J.C. Kannan Director – SA&SH
02:00 p.m. – 02:45 p.m.	Motivational Address by Heads	Dr. R. Prabu HoD – BME Dr. M. Vimaladevi HoD – CSE Mr. P. Govindaraju HoD – ECE Dr. P. Veena HoD – EEE
02:45 p.m. – 03:00 p.m.	**Tea Break**	
03:00 p.m. – 03:45 p.m.	Motivational Address by Heads	Dr. S. Russia HoD - IT Dr. P. Gopinath HoD – MECH Mr. M. Asick Ali HoD – Mathematics Dr. B. Murugesan HoD – Chemistry
03:45 p.m. – 04:15 p.m.	**Valediction and Feedback**	

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LIST OF NEW FACULTY MEMBERS

S.NO.	NAME	DEPT	DESIGNATION
1	P. UMADEVI	MATHS	ASSISTANT PROFESSOR
2	Dr. R. PRABU	BME	PROFESSOR/HOD
3	B.B. SANGAMESWARAN	BME	ASSISTANT PROFESSOR
4	R. SWATHI SRI	BME	ASSISTANT PROFESSOR
5	M. BRINDHA	BME	ASSISTANT PROFESSOR
6	V. SOWMITHA	CSE	ASSISTANT PROFESSOR
7	S. VIMALA	CSE	ASSISTANT PROFESSOR
8	S. HAMSAREKA	CSE	ASSISTANT PROFESSOR
9	K. VINOTH	CSE	ASSISTANT PROFESSOR
10	M. BOOBALAN	CSE	ASSISTANT PROFESSOR
11	A. SUHANA	CSE	ASSISTANT PROFESSOR
12	C. MAHAVISHNU	CSE	ASSISTANT PROFESSOR
13	M. JEYABHARATHI	ECE	ASSISTANT PROFESSOR
14	P. DIVYABHARATHI	EEE	ASSISTANT PROFESSOR
15	S. MEENA	EEE	ASSISTANT PROFESSOR
16	S. NANDHA KUMAR	EEE	ASSISTANT PROFESSOR
17	DR. N.B. MAHESH KUMAR	IT	ASSOCIATE PROFESSOR
18	P. KEERTHANA	IT	ASSISTANT PROFESSOR
19	S.S. RAMYADHARSHINI	IT	ASSISTANT PROFESSOR
20	N. KANNAN	IT	ASSISTANT PROFESSOR
21	N. RENUKA	IT	ASSISTANT PROFESSOR
22	M. NAZRIN FARZANA	IT	ASSISTANT PROFESSOR
23	T. SELVAPRABHU	IT	ASSISTANT PROFESSOR

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TIRUCHENGODE – 637 215

INDUCTION PROGRAMME

S. No.	Name	Dept	Designation	28.09.2021		29.09.2021	
				FN	AN	FN	AN
1	UMADEVI P	Maths	ASSISTANT PROFESSOR				
2	PRABU R	BME	PROFESSOR / HOD				
3	SANGAMESWARAN B B	BME	ASSISTANT PROFESSOR				
4	SWATHI SRI R	BME	ASSISTANT PROFESSOR				
5	BRINDHA M	BME	ASSISTANT PROFESSOR				
6	VIMALA S	CSE	ASSISTANT PROFESSOR				
7	SOWMITHA V	CSE	ASSISTANT PROFESSOR				
8	HAMSAREKA S	CSE	ASSISTANT PROFESSOR				
9	VINOTH K	CSE	ASSISTANT PROFESSOR				
10	BOOBALAN M	CSE	ASSISTANT PROFESSOR				
11	SUHANA A	CSE	ASSISTANT PROFESSOR				
12	MAHAVISHNU C	CSE	ASSISTANT PROFESSOR				
13	JEYABHARATHI M	ECE	ASSISTANT PROFESSOR				
14	MEENA S	EEE	ASSISTANT PROFESSOR				
15	NANDHA KUMAR S	EEE	ASSISTANT PROFESSOR				
16	DIVYABHARATHI P	EEE	ASSISTANT PROFESSOR				
17	RAMYADHARSHINI S S	IT	ASSISTANT PROFESSOR				

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S. No.	Name	Dept	Designation	28.09.2021		29.09.2021	
				FN	AN	FN	AN
18	KEERTHANA P	IT	ASSISTANT PROFESSOR				
19	MAHESH KUMAR N B	IT	ASSOCIATE PROFESSOR				
20	KANIMOZHI M	IT	ASSISTANT PROFESSOR				
21	KANNAN N	IT	ASSISTANT PROFESSOR				
22	RENUKA N	IT	ASSISTANT PROFESSOR				
23	SELVAPRABHU T	IT	ASSISTANT PROFESSOR				

Director – Administration

Principal

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Feedback on Two Days "Induction Programme" - Organized by Human Resource Development Cell

Date : 28.09.2021 & 29.09.2021

Email *

meenasathiyabal@gmail.com

Name of the Faculty with Designation (Eg: Mr. P. Kannan, Assistant Professor) *

Ms.S.Meena, Assistant Professor

Department *

- ○ Computer Science and Engineering
- ◉ Electrical and Electronics Engineering
- ○ Biomedical Engineering
- ○ Information Technology
- ○ Mathematics
- ○ Electronics and Communication Engineering

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Has your induction helped you understand your job, responsibilities, and performance standards? *

- (●) Yes
- ( ) No

Induction Programme well organized *

- ( ) Agree Strongly
- (●) Agree
- ( ) Disagree
- ( ) Disagree Strongly

Induction Programme was Helped me feel more prepared *

- (●) Agree Strongly
- ( ) Agree
- ( ) Disagree
- ( ) Disagree Strongly

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Induction Programme was the assessment process was explained *

- ○ Agree Strongly
- ◉ Agree
- ○ Disagree
- ○ Disagree Strongly

Overall I feel satisfied with my induction *

- ◉ Agree Strongly
- ○ Agree
- ○ Disagree
- ○ Disagree Strongly

Do you feel there were any areas missing from your induction programme? *

- ○ Yes
- ◉ No

If Yes, Please List:

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Any Other Comments *

Over all it's a good experience

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Feedback on Two Days "Induction Programme" - Organized by Human Resource Development Cell

Date : 28.09.2021 & 29.09.2021

Email *

bharathii98spm@gmail.com

Name of the Faculty with Designation (Eg: Mr. P. Kannan, Assistant Professor) *

Ms.M.Jeyabharathi

Department *

- ◯ Computer Science and Engineering
- ◯ Electrical and Electronics Engineering
- ◯ Biomedical Engineering
- ◯ Information Technology
- ◯ Mathematics
- ◉ Electronics and Communication Engineering

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Has your induction helped you understand your job, responsibilities, and performance standards? *

- (●) Yes
- ( ) No

Induction Programme well organized *

- (●) Agree Strongly
- ( ) Agree
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- ( ) Disagree Strongly

Induction Programme was Helped me feel more prepared *

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- ( ) Disagree Strongly

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- ( ) Disagree Strongly

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Do you feel there were any areas missing from your induction programme? *

- ( ) Yes
- (●) No

If Yes, Please List:

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Any Other Comments *

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Feedback on Two Days "Induction Programme" - Organized by Human Resource Development Cell

Date : 28.09.2021 & 29.09.2021

Email *

selvaprabhut@ksriet.ac.in

Name of the Faculty with Designation (Eg: Mr. P. Kannan, Assistant Professor) *

Mr. T. Selvaprabhu, Assistant Professor

Department *

- ○ Computer Science and Engineering
- ○ Electrical and Electronics Engineering
- ○ Biomedical Engineering
- ◉ Information Technology
- ○ Mathematics
- ○ Electronics and Communication Engineering

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Has your induction helped you understand your job, responsibilities, and performance standards? *

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- ( ) No

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- (●) Agree Strongly
- ( ) Agree
- ( ) Disagree
- ( ) Disagree Strongly

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- (●) Agree Strongly
- ( ) Agree
- ( ) Disagree
- ( ) Disagree Strongly

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Induction Programme was the assessment process was explained *

- (●) Agree Strongly
- ( ) Agree
- ( ) Disagree
- ( ) Disagree Strongly

Overall I feel satisfied with my induction *

- (●) Agree Strongly
- ( ) Agree
- ( ) Disagree
- ( ) Disagree Strongly

Do you feel there were any areas missing from your induction programme? *

- ( ) Yes
- (●) No

If Yes, Please List:

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Any Other Comments *

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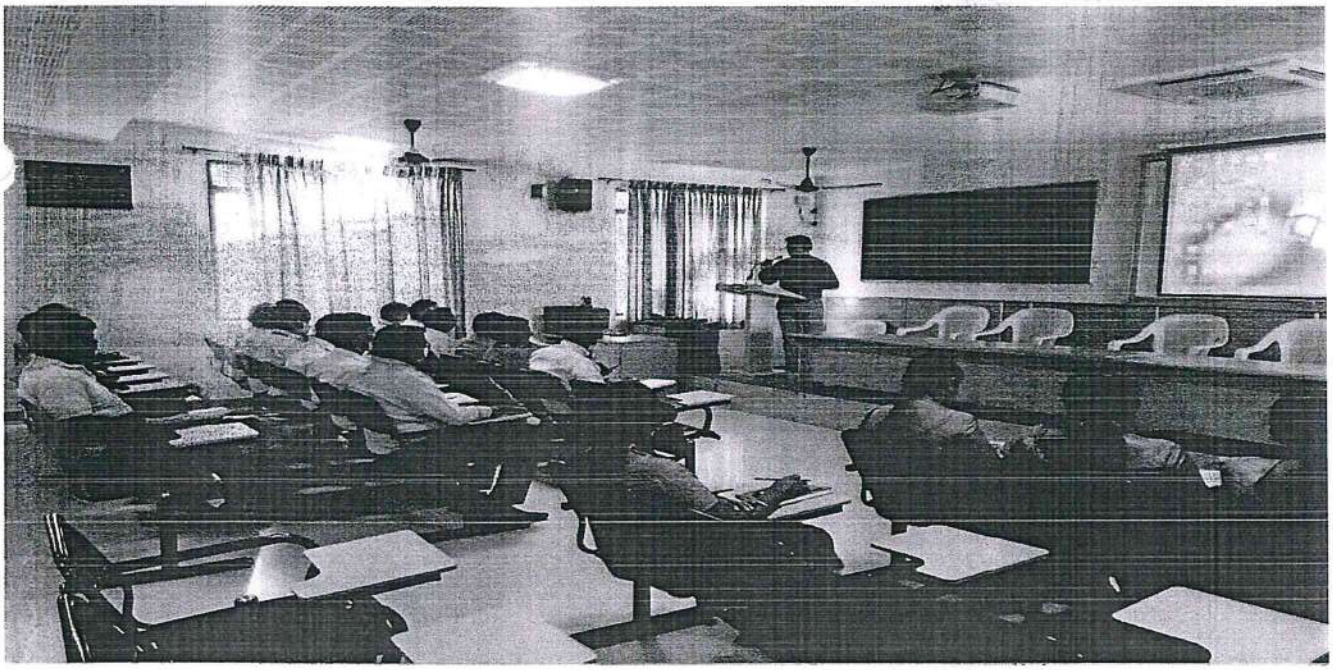
INDUCTION PROGRAMME (28.09.2021 & 29.09.2021)



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Resource Person

Dr. B. ARCHANA

Art of Living Faculty

Pathologist, Chennai.

Event Coordinator

Sri. BALAJI THIRUVENGADAM

Art of Living Coordinator,

Erode.

Date : 21/6/2021 Time : 11.00 AM

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1	Dr. M. VENKATESAN	CSE	PRINCIPAL
2	Dr. C. MUHUNTHARAJAN	ENGLISH	PROFESSOR/HOD
3	S. MADHAN	ENGLISH	ASSISTANT PROFEESOR
4	P. MOHAN	ENGLISH	ASSISTANT PROFEESOR
5	M. ASICK ALI	MATHS	ASP / HOD
6	M.S.VIJAYARAJ	MATHS	ASSISTANT PROFESSOR
7	Dr. N. KUMARAVEL	MATHS	ASSISTANT PROFEESOR
8	R. KAVITHA	MATHS	ASSISTANT PROFESSOR
9	S. SELVARASU	MATHS	ASSISTANT PROFESSOR
10	P. UMADEVI	MATHS	ASSISTANT PROFESSOR
11	S. BHUVANESWARI	MATHS	ASSISTANT PROFESSOR
12	Dr. J.C. KANNAN	PHYSICS	DIRECTOR - SASH
13	Dr. V. DEVABHARATHI	PHYSICS	PROFEESOR
14	Dr. B. MURUGESAN	CHEMISTRY	AP / HOD
15	S. AGILADEVI	CHEMISTRY	ASSOCIATE PROFESSOR
16	S. CHELLADURAI	CHEMISTRY	ASSISTANT PROFESSOR
17	B.B. SANGAMESWARAN	BME	ASSISTANT PROFESSOR
18	Dr. B. KALAAVATHI	CSE	DIRECTOR / R & D
19	Dr. M. VIMALADEVI	CSE	ASP / HOD
20	R. DEEBIKA	CSE	ASSISTANT PROFESSOR
21	V. PRAKASHAM	CSE	ASSISTANT PROFESSOR
22	V. GOPINATH	CSE	ASSISTANT PROFESSOR
23	K. VINOTH	CSE	ASSISTANT PROFESSOR
24	Dr. R. NANDAKUMAR	ECE	DIRECTOR - ADMINISTRATION
25	P. GOVINDARAJU	ECE	ASP / HOD
26	Dr. S. PREMALATHA	ECE	ASSOCIATE PROFESSOR

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S.NO.	STAFF NAME	DEPT	DESIGNATION
27	T. MARTHANDAN	ECE	ASSISTANT PROFESSOR
28	B. LATHA	ECE	ASSISTANT PROFESSOR
29	M. V. MAHESH	ECE	ASSISTANT PROFESSOR
30	B. VINOTHKUMAR	ECE	ASSISTANT PROFESSOR
31	M. UDHAYAKUMAR	ECE	ASSISTANT PROFESSOR
32	V. SINDHUJA	ECE	ASSISTANT PROFESSOR
33	P. MOHANA SUNTHARI	ECE	ASSISTANT PROFESSOR
34	Dr. R. JEYABHARATH	EEE	COE
35	Dr. P. VEENA	EEE	PROFESSOR / HOD
36	Dr. T. SRIHARI	EEE	PROFESSOR
37	Dr. C. SANTHA KUMAR	EEE	ASSOCIATE PROFESSOR
38	Dr. A. MURUGESAN	EEE	ASSOCIATE PROFESSOR
39	Y. KALIMUTHU	EEE	ASSISTANT PROFESSOR
40	R. SACITHRAA	EEE	ASSISTANT PROFESSOR
41	C. SIVAKUMAR	EEE	ASSISTANT PROFESSOR
42	K. MEENATCHI	EEE	ASSISTANT PROFESSOR
43	P. DIVYABHARATHI	EEE	ASSISTANT PROFESSOR
44	Dr. P. MEENAKSHI DEVI	IT	DIRECTOR - ACADEMICS
45	Dr. S. RUSSIA	IT	PROFESSOR
46	DR. N.B. MAHESH KUMAR	IT	ASSOCIATE PROFESSOR
47	P.S. PRAKASH KUMAR	IT	ASSISTANT PROFESSOR
48	D. BALAKRISHNAN	IT	ASSISTANT PROFESSOR
49	P. KEERTHANA	IT	ASSISTANT PROFESSOR
50	N. KANNAN	IT	ASSISTANT PROFESSOR
51	Dr. P. MURUGESAN	MECH	DIRECTOR - III & SKILL DEVELOPMENT
52	Dr. P. GOPINATH	MECH	ASP / HOD
53	Dr. R .MANI	MECH	PROFESSOR
54	Dr. P. KANAKARAJAN	MECH	ASSOCIATE PROFESSOR
55	R. VASANTHAKUMAR	MECH	ASSOCIATE PROFESSOR

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NAMAKKAL DT, TAMIL NADU.

S.NO.	STAFF NAME	DEPT	DESIGNATION
56	K. VELUSAMY	MECH	ASSOCIATE PROFEESOR
57	A. MOHANRAJ	MECH	ASSISTANT PROFEESOR
58	P. MANIKANDAN	MECH	ASSISTANT PROFEESOR
59	S. BALAMURUGAN	MECH	ASSISTANT PROFEESOR
60	P. CHAKRAVARTHI	MECH	ASSISTANT PROFEESOR
61	A. PREMKUMAR	MECH	ASSISTANT PROFEESOR
62	J. MATHAN	MECH	ASSISTANT PROFEESOR
63	M. AMARNATH	MECH	ASSISTANT PROFESSOR
64	S. RAHUL	MECH	ASSISTANT PROFESSOR

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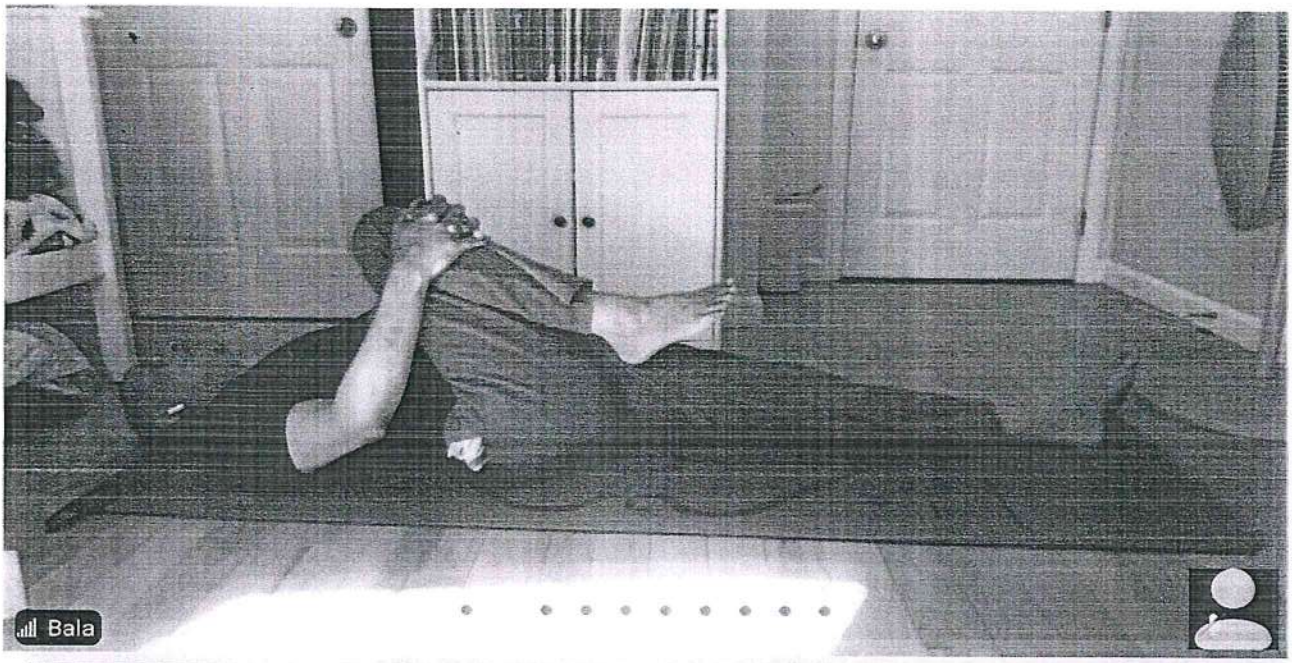
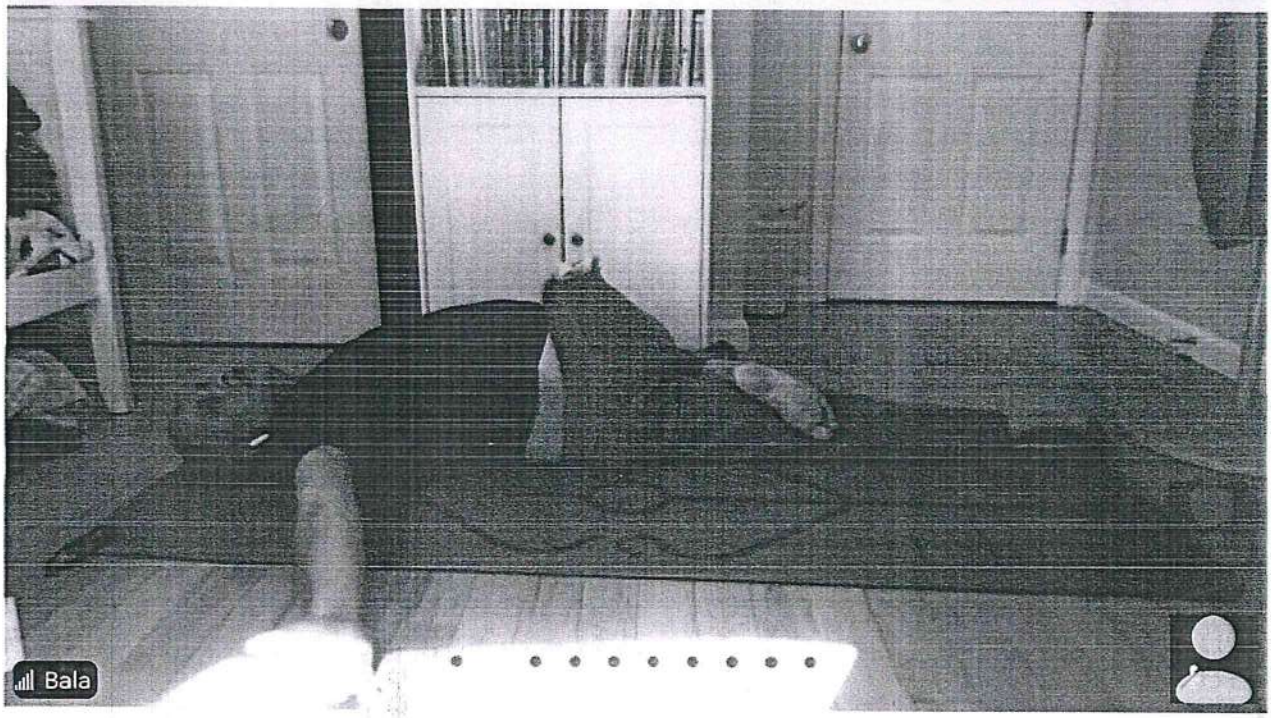
TIRUCHENGODE – 637 215

Human Resource Development, YOGA Club & NCC Organize "Breathe in Prana, Breathe Out Stress" on 21-06-2021





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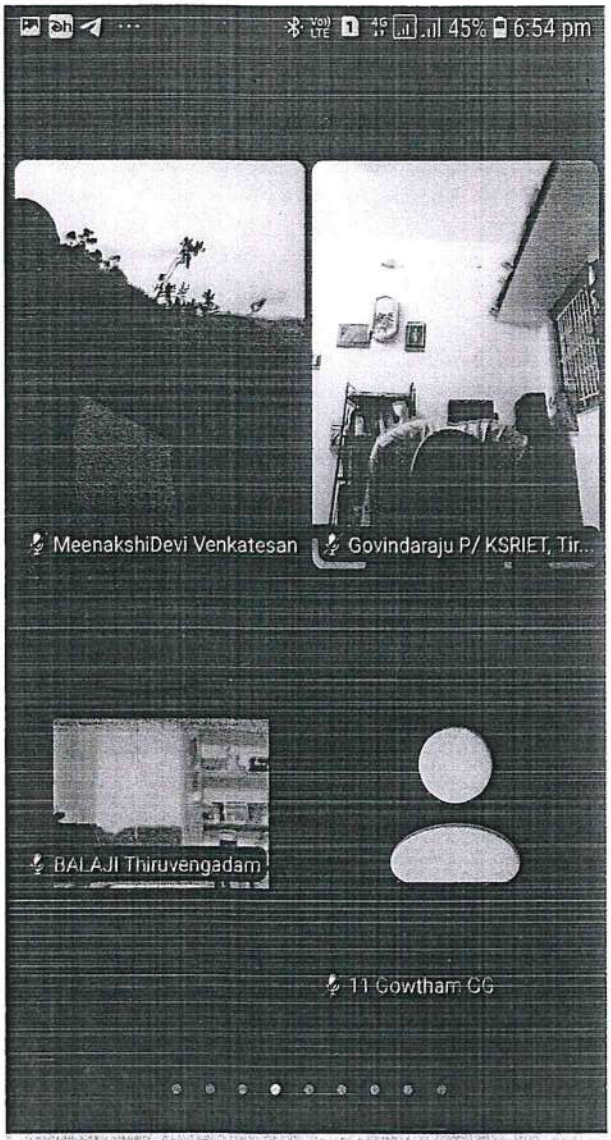
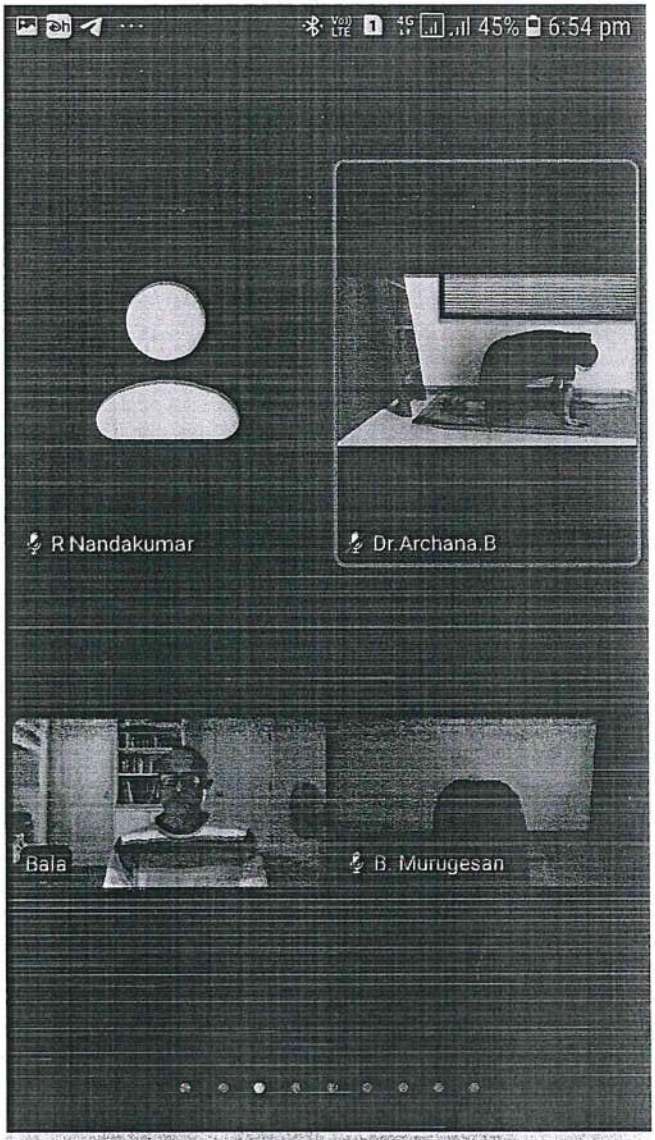
TIRUCHENGODE – 637 215

Human Resource Development , YOGA Club & NCC Organize "Breathe in Prana, Breathe Out Stress" on 21-06-2021





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Ranked in Top 50 in ARIIA 2020

THE ART OF LIVING

Human Resource Development Cell

&

YOGA Club

Organize

"Immunity Enhancement Programme – Meditation, Breath and Yoga"

Resource Person

Shri. R. BALASUBRAMANIAN
Senior Art of Living Faculty

Dr. B. ARCHANA
Art of Living Faculty
Pathologist, Chennai.

Event Coordinator

Sri. BALAJI THIRUVENGADAM
Art of Living Coordinator,
Erode.

June 14,15 & 16 Time : 6:30 PM to 7:15 PM

THROUGH ZOOM

An Exclusive COVID Care Programme for the Faculty Members of KSRIET

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Human Resource Development & YOGA Club Organize "Immunity Enhancement Programme - Meditation, Breathe and Yoga" on June 14, 15 &16 2021

S.NO.	STAFF NAME	DEPT	DESIGNATION
1	Dr. M. VENKATESAN	CSE	PRINCIPAL
2	Dr. C. MUHUNTHARAJAN	ENGLISH	PROFESSOR/HOD
3	S. MADHAN	ENGLISH	ASSISTANT PROFEESOR
4	P. MOHAN	ENGLISH	ASSISTANT PROFEESOR
5	M. ASICK ALI	MATHS	ASP / HOD
6 -	M.S.VIJAYARAJ	MATHS	ASSISTANT PROFESSOR
7	Dr. N. KUMARAVEL	MATHS	ASSISTANT PROFEESOR
8	R. KAVITHA	MATHS	ASSISTANT PROFESSOR
9	S. SELVARASU	MATHS	ASSISTANT PROFESSOR
10	P. UMADEVI	MATHS	ASSISTANT PROFESSOR
11	S. BHUVANESWARI	MATHS	ASSISTANT PROFESSOR
12	Dr. J.C. KANNAN	PHYSICS	DIRECTOR - SASH
13	Dr. V. DEVABHARATHI	PHYSICS	PROFEESOR
14	Dr. B. MURUGESAN	CHEMISTRY	AP / HOD
15	S. AGILADEVI	CHEMISTRY	ASSOCIATE PROFESSOR
16	S. CHELLADURAI	CHEMISTRY	ASSISTANT PROFESSOR
17	B.B. SANGAMESWARAN	BME	ASSISTANT PROFESSOR
18	Dr. B. KALAAVATHI	CSE	DIRECTOR / R & D
19	Dr. M. VIMALADEVI	CSE	ASP / HOD
20	R. DEEBIKA	CSE	ASSISTANT PROFESSOR
21	V. PRAKASHAM	CSE	ASSISTANT PROFESSOR
22	V. GOPINATH	CSE	ASSISTANT PROFESSOR
23	K. VINOTH	CSE	ASSISTANT PROFESSOR
24	Dr. R. NANDAKUMAR	ECE	DIRECTOR - ADMINISTRATION
25	P. GOVINDARAJU	ECE	ASP / HOD
26	Dr. S. PREMALATHA	ECE	ASSOCIATE PROFESSOR

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S.NO.	STAFF NAME	DEPT	DESIGNATION
27	T. MARTHANDAN	ECE	ASSISTANT PROFESSOR
28	B. LATHA	ECE	ASSISTANT PROFESSOR
29	M. V. MAHESH	ECE	ASSISTANT PROFESSOR
30	B. VINOTHKUMAR	ECE	ASSISTANT PROFESSOR
31	M. UDHAYAKUMAR	ECE	ASSISTANT PROFESSOR
32	V. SINDHUJA	ECE	ASSISTANT PROFESSOR
33	P. MOHANA SUNTHARI	ECE	ASSISTANT PROFESSOR
34	Dr. R. JEYABHARATH	EEE	COE
35	Dr. P. VEENA	EEE	PROFESSOR / HOD
36	Dr. T. SRIHARI	EEE	PROFESSOR
37	Dr. C. SANTHA KUMAR	EEE	ASSOCIATE PROFESSOR
38	Dr. A. MURUGESAN	EEE	ASSOCIATE PROFESSOR
39	Y. KALIMUTHU	EEE	ASSISTANT PROFESSOR
40	R. SACITHRAA	EEE	ASSISTANT PROFESSOR
41	C. SIVAKUMAR	EEE	ASSISTANT PROFESSOR
42	K. MEENATCHI	EEE	ASSISTANT PROFESSOR
43	P. DIVYABHARATHI	EEE	ASSISTANT PROFESSOR
44	Dr. P. MEENAKSHI DEVI	IT	DIRECTOR - ACADEMICS
45	Dr. S. RUSSIA	IT	PROFESSOR
46	DR. N.B. MAHESH KUMAR	IT	ASSOCIATE PROFESSOR
47	P.S. PRAKASH KUMAR	IT	ASSISTANT PROFESSOR
48	D. BALAKRISHNAN	IT	ASSISTANT PROFESSOR
49	P. KEERTHANA	IT	ASSISTANT PROFESSOR
50	N. KANNAN	IT	ASSISTANT PROFESSOR
51	Dr. P. MURUGESAN	MECH	DIRECTOR - III & SKILL DEVELOPMENT
52	Dr. P. GOPINATH	MECH	ASP / HOD
53	Dr. R .MANI	MECH	PROFESSOR
54	Dr. P. KANAKARAJAN	MECH	ASSOCIATE PROFESSOR
55	R. VASANTHAKUMAR	MECH	ASSOCIATE PROFESSOR

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S.NO.	STAFF NAME	DEPT	DESIGNATION
56	K. VELUSAMY	MECH	ASSOCIATE PROFEESOR
57	A. MOHANRAJ	MECH	ASSISTANT PROFEESOR
58	P. MANIKANDAN	MECH	ASSISTANT PROFEESOR
59	S. BALAMURUGAN	MECH	ASSISTANT PROFEESOR
60	P. CHAKRAVARTHI	MECH	ASSISTANT PROFEESOR
61	A. PREMKUMAR	MECH	ASSISTANT PROFEESOR
62	J. MATHAN	MECH	ASSISTANT PROFEESOR
63	M. AMARNATH	MECH	ASSISTANT PROFESSOR
64	S. RAHUL	MECH	ASSISTANT PROFESSOR

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TIRUCHENGODE – 637 215

REF: KSRIET/IQAC/2021-22/06 DATE: 15.12.2021

CIRCULAR

INTERNAL QUALITY ASSURANCE CELL (IQAC)

The Internal Quality Assurance Cell (IQAC) is organizing a five days "**Skill Development Program**" for all technical and Non Technical Staff from 20.12.2021 to 24.12.2021. In this regard, all heads are asked to depute the staff members to attend the program without fail.

S.No	Date	Topic	Resource Person 1	Resource Person 2	Event Coordinator	Venue
1.	20.12.2021	Poster/ Banner Designing	Mr.M.Mohan Kumar Sai Computers, Erode	Dr.A.Murugesan ASP/EEE, KSRIET	Mr.P.Chakravarthi AP/Mech, KSRIET	CSE Lab1
2.	21.12.2021	Basic Fire Fighting and First Aid	B.B.Patil Padhmalatha Enterprises,Erode	T.Vishwanathan, HOD/MMV RRITI	Dr.C.SanthaKumar ASP/EEE, KSRIET	Ground Floor
3.	22.12.2021	PC Trouble shooting & Google form Preparation	Mr.S.Karthikeyan System Administrator	Ms.R.Deebika, AP/CSE, KSRIET	Mr.C.Mahavishnu AP/CSE, KSRIET	CSE Lab1
4.	23.12.2021	MS Office Tools (Word)	Mr.R.Prabhou Hi-Tech Systems, Tiruchengode	Mr.P.Govindaraju ASP & Head/ECE	Mr.M.Udhayakumar AP/ECE, KSRIET	CSE Lab1
5.	24.12.2021	MS Office Tools (Excel)	Mr.R.Prabhou Hi-Tech Systems, Tiruchengode	Mr.T.Selvaprabhu AP/IT	Mr.T.Selvaprabhu AP/IT, KSRIET	CSE Lab1

15/12/21
IQAC COORDINATOR

15/12/21
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KSR Kalvinagar, Tiruchengode - 637 215.

Internal Quality Assurance Cell (IQAC)

and

Department of Mechanical Engineering

in association with

SAI COMPUTERS

Organizes

Skill Development Programme for Technical and Non Technical Staff

"Poster/Banner Designing"

on 20.12.2021

Resource Persons

Mr.P.Chakravarthi
AP/Mech, KSRIET

Mr.MohanKumar
SAI Computers

Dr.A.Murugesan
ASP/EEE, KSRIET

Coordinator

Dr.P.Gopinath
HoD/ MECH, KSRIET

Patron

Dr.M.Venkatesan
Principal, KSRIET

Convenor

Dr.P.Veena
IQAC Coordinator, KSRIET

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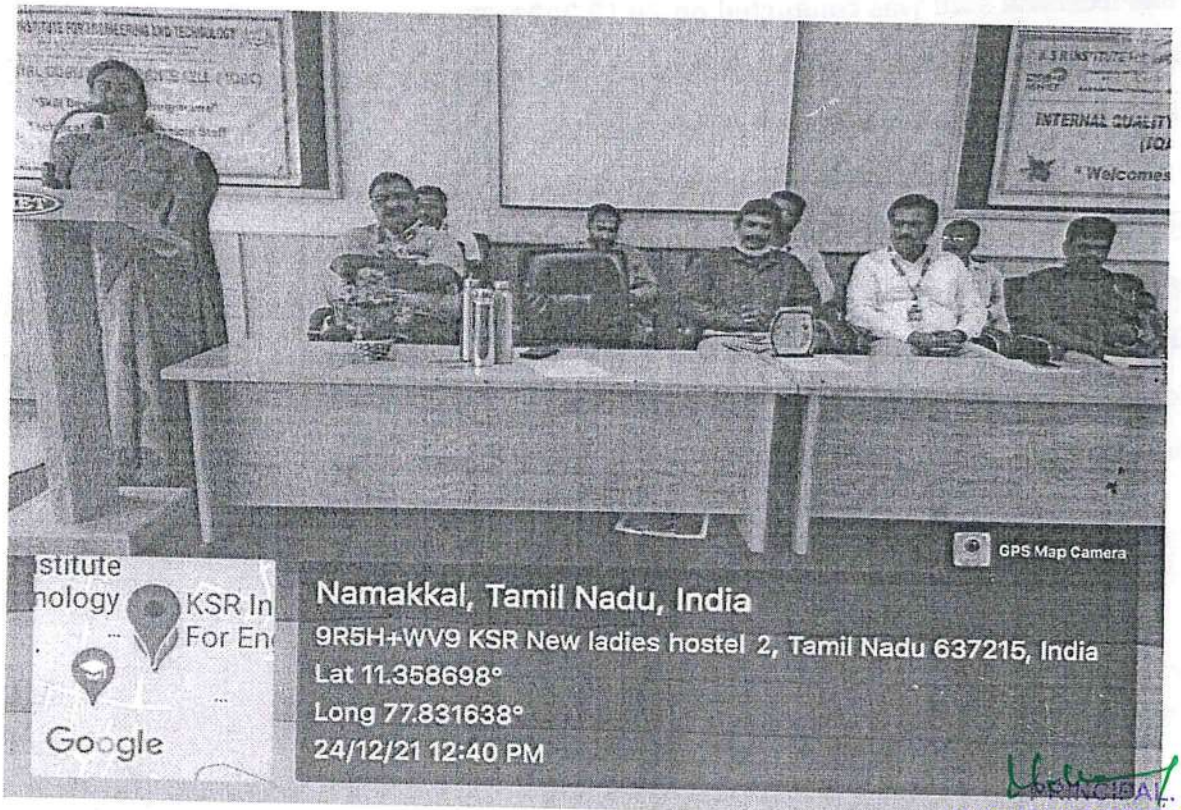
Internal Quality Assurance Cell (IQAC)
&
Department of Mechanical Engineering

Academic Year:	2021-2022	**Date &Time:**	20.12.2021
Name of the Programme:	Workshop	**Title:**	Skill Development Programme for Technical and Non-Technical Staff "Poster /Banner Designing"
Venue:	CSE Computer Lab	**No. of Participants Attended :**	40

Chief Guest Details
Mr.M.Mohan Kumar
Official Address and Contact Details
SAI Computers,
38, Avvaiyar Street,
Teachers Colony,
Erode – 638 011.



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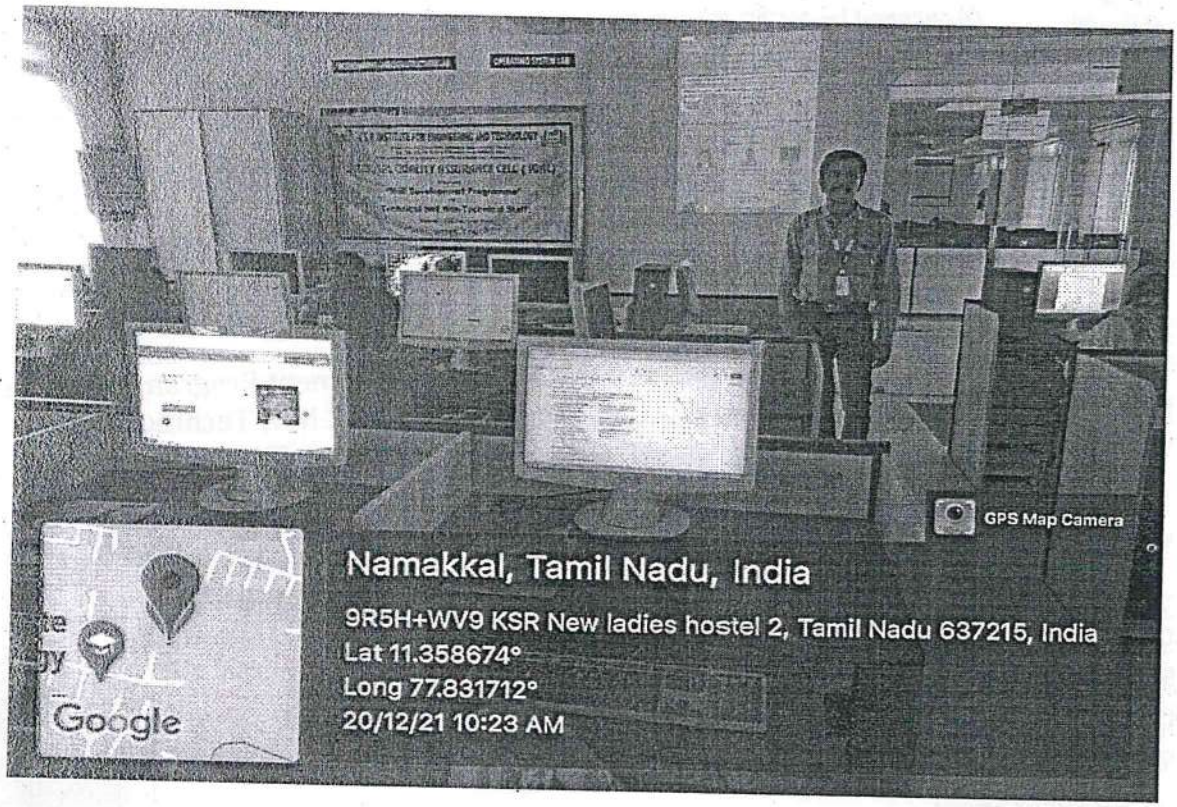

Brief About the Workshop:

"Poster/ Banner designing" - Skill development programme for technical and Non-technical staff was conducted on 20.12.2021. The session starts with Prayer song and Dr.P.Veena coordinator - IQAC welcomes the respected chief guest, Principal, Directors HoD and the staff members with immense pleasure.

The workshop mainly highlight to train the staff members through designing of posters and Certificates through online platforms of "Canva" and "poster my wall" applications. The Sessions were conducted by Mr.M.Mohankumar from Sai Computers, Erode and Dr.A.Murugesan, ASP/EEE, Mr.P.Chakravrthi, AP/Mech. K S R Institute for Engineering and Technology. The workshop concluded by vote of thanks given by Mrs.S.Akiladevi, ASP/Chemistry.

Dept. Coordinator

IQAC Coordinator

Principal

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Internal Quality Assurance Cell (IQAC)
&
Department of Mechanical Engineering

One day workshop on

Skill Development Programme for Technical and Non-Technical Staff "Poster /Banner Designing"

Date: 20.12.2021

Attendance Sheet

S.No	Name of the Staff	Designation	Signature
1	M. Rajesh Kannan	Lab Instruction	
2	S. Abirami	Tech Assistant	
3	D. Senthilkumar	Lab instructor	
4	S. Anandan	Lab Assistant	
5	F. Sasi Kumar	Lab Technician	
6	Mathesh. R	Lab Instructor	
7	A. RAJAIL	Lab Instructor	
8	T. Sampath Kumar	Lab Technician	
9	V. Aravindhan	Technical Assistant.	
10	S. Gopala Krishnan.	Technical Assistant	
11	K. Munikandan	Lab Technician	
12	M. SARAVANAN	Lab Instructor	
13	I Arun	Lab Instructor	
14	N Suganya	Lab Assistant	
15	M. Andal	Lab Asst	
16	K. Kalaivani	Lab Assistant	
17	P Aishwaryaadevi	Lab Assistant	
18	M. Pratheswathi	Lab Assistant	

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19	S. Kanagaberintha	Lab instructor	S.K
20	P. Soundarya	Programmer	P.S
21	A. S. Geetha	Programmer	A.S.Geetha
22	T. Udhaya	Lab instructor	T. udhaya
23	M. Indhumathi	Lab Assistant	M.Indhy
24	T. Chitra	Lab Assitant	T. Ch
25	M. Nithya (Examcell)	Assitant	M. nithya
26	R. Sureshkumar	Assistant Library	R.S
27	S. Arthanareeswaran	Programmer	S. Arte.
28	P. Kavithik	Lab instructor	P.
29	S. Kannan	Programmer	S.
30	M. Nithya	Library Assistant	M. nithya
31	D. Mohanraj	PA TO PRINCIPAL	
32	R. Punitha	Programmer	R. Punit
33	P. Manishankar	Assistants.	P.
34	G. Vasanthakumar	Senior Assitant	G.
35	N. Kirupashangar	Programmer	N. Kirupashangar
36	S. Dharanya.	Senior Assistant	
37	S. Karthikeyan	System Admn	
38			
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45			

Coordinator

P. Veer 27/12/21
IQAC Coordinator

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Feedback "Skill Development Programme for Technical and Non-Technical Staff "Poster /Banner Designing"" - Organized by IQAC, KSRIET In Association with SAI Computers, Erode.

40 responses

Name of the Staff with Designation (Eg: M.Rajeshkannan, Lab Technician)

40 responses

M.Rajesh Kannan, lab instructor

S.Abiviruthi,Technical Assistant

T.Udhaya (Lab Instructor)

T.Chitra , Lab Assistant

M.Indhumathi(lab Assistant)

E. Sasikumar Lab Technician

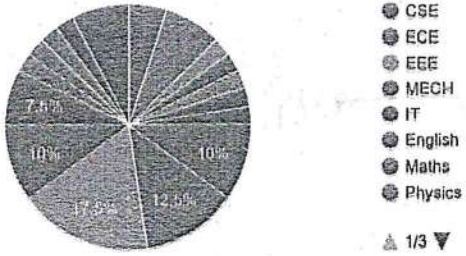
S.Kanagabrintha,Lab instructor

A.s.Geetha,programmer

D. MOHANRAJ

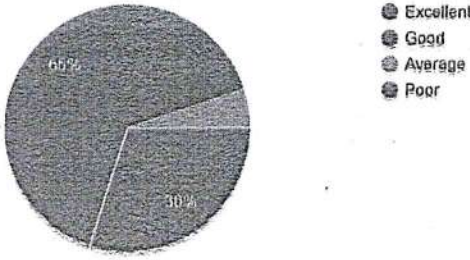
Department

40 responses



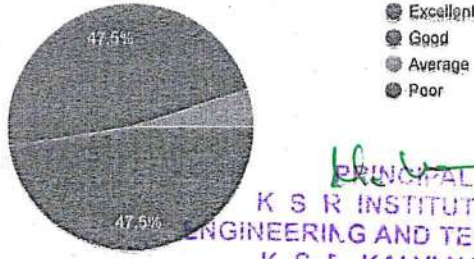
1. Rate the usefulness of the contents of the Workshop

40 responses



2. Approach and Delivery of the Resource Persons

40 responses



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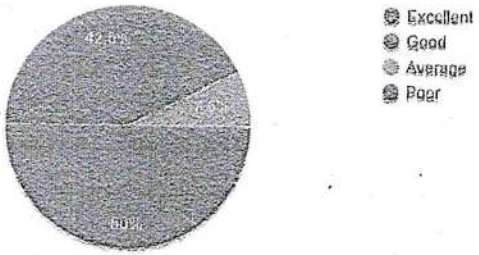
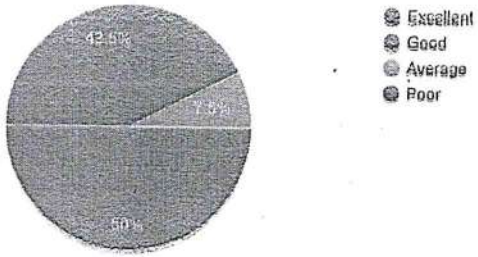
3. Effectiveness and Understanding Level of the Program

40 responses



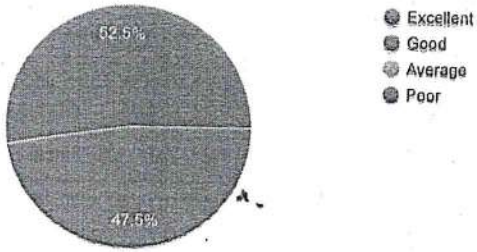
4. Rate the Question and Answer/ Doubt Clarification session

40 responses



5. Rate the overall organization of the workshop

40 responses



Any other comments or suggestions for improvement:

5 responses

Nice

I want more sessions to practice

In many useful programmes to be conduct

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Feedback "Skill Development Programme for Technical and Non-Technical Staff "Poster /Banner Designing"" - Organized by IQAC, KSRIET In Association with SAI Computers, Erode.

Date : 20.12.2021 Time : 9:30AM-4:00PM
Resource Persons:
Mr.M.Mohankumr, SAI Computers , Erode.,
Dr.A.Murugesan- ASP/EEE, KSRIET, & Mr.P.Chakravarthi - AP/MECH, KSRIET

Name of the Staff with Designation (Eg: M.Rajeshkannan, Lab Technician) *

S. ANANDAN

Department *

- ○ CSE
- ◉ ECE
- ○ EEE
- ○ MECH
- ○ IT
- ○ English
- ○ Maths
- ○ Physics
- ○ Chemistry
- ○ Library
- ○ Exam Control Office
- ○ Other:

1. Rate the usefulness of the contents of the Workshop *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

2. Approach and Delivery of the Resource Persons *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

3. Effectiveness and Understanding Level of the Program *

- ◉ Excellent
- ○ Good
- ○ Average
- ○ Poor

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4. Rate the Question and Answer/ Doubt Clarification session *

- ○ Excellent
- ○ Good
- ◉ Average
- ○ Poor

5. Rate the overall organization of the workshop *

- ◉ Excellent
- ○ Good
- ○ Average
- ○ Poor

Any other comments or suggestions for improvement:

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4. Rate the Question and Answer/ Doubt Clarification session *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

5. Rate the overall organization of the workshop *

- ○ Excellent
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Any other comments or suggestions for improvement:

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Resource Persons:
Mr.M.Mohankumr, SAI Computers , Erode.,
Dr.A.Murugesan- ASP/EEE, KSRIET, & Mr.P.Chakravarthi - AP/MECH, KSRIET

Name of the Staff with Designation (Eg: M.Rajeshkannan, Lab Technician) *

R. PUNITHA

Department *

- ○ CSE
- ○ ECE
- ○ EEE
- ○ MECH
- ○ IT
- ○ English
- ○ Maths
- ○ Physics
- ○ Chemistry
- ○ Library
- ○ Exam Control Office
- ◉ Other: office

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Tiruchengode 637 215

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Internal Quality Assurance Cell

in association with

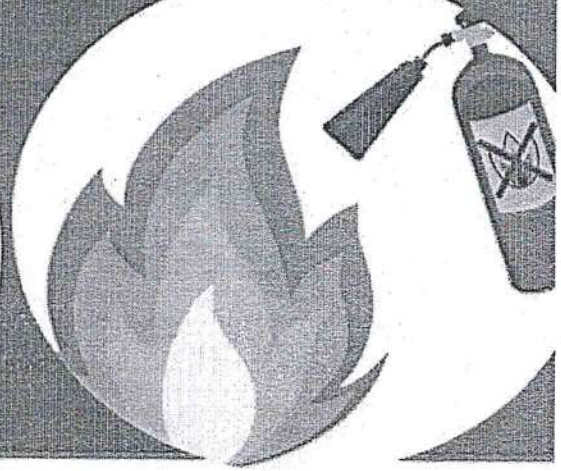
Department of Electrical and Electronics Engineering

Organises

Basic Fire Fighting and First Aid Training

Supported by Padhmalatha Enterprises

21-12-2021



Resource Person

Mr. T. Viswanathan

HOD / MMV

RR ITI

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Dr. C. Santha Kumar	Dr. P. Veena	Dr. M. Venkatesan
ASP / EEE	IQAC Coordinator	Principal
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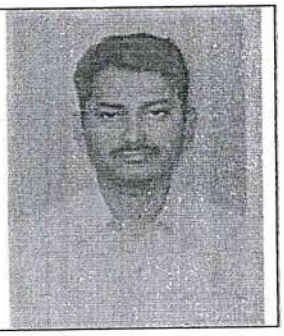
Quest for Excellence

Internal Quality Assurance Cell (IQAC)
&
Department of Electrical and Electronics Engineering

Academic Year:	2021-2022	**Date &Time:**	21.12.2021
Name of the Programme:	Workshop	**Title:**	Skill Development Programme for Technical and Non-Technical Staff "Basic Fire Fighting and First Aid Training"
Venue:	EEE SEMINAR HALL	**No. of Participants Attended :**	40

Chief Guest Details
Mr.M.VISWANATHAN,
Official Address and Contact Details
Padhmalatha Enterprises
45, Lalbahadur Nagar, Peelamedu (East),Coimbatore-641 004.
0422-2626979. 94430-03153.



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Brief About the Workshop:

" Basic Fire Fighting and First Aid Training" - Skill development programme for technical and Non-technical staff was conducted on 21.12.2021. The session starts with Prayer song and Dr.P.Veena coordinator - IQAC welcomes the respected chief guest, Principal, Directors HoD and the staff members with immense pleasure.

The main aim of the workshop to train the staff members to operate the Fire Extinguisher in Physically and Remove the Fires under the Emergency in home and working place. To creating the awareness about types of Fire Extinguishers and First Aid from this workshop. The Sessions were conducted by Mr.M.VISWANATHAN from Padhmalatha Enterprises Coimbatore and Dr.C.Santha kumar, ASP/EEE, K S R Institute for Engineering and Technology.

23.12.21
Dept. Coordinator

23/12/21
IQAC Coordinator

Principal

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TIRUCHENGODE - 637 215

Internal Quality Assurance Cell (IQAC)

Skill Development Program on " Basic Fire Fighting and First Aid training "

Date: 21.12.2021

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1	D. MOHANRAJ	PA TO PRINCIPAL	OFFICE	
2	R. PUNITHA	PROGRAMMER	OFFICE	
3	P. MANISHANKAR	OFFICE ASSISTANT	OFFICE	
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5	N. KIRUPASANGAR	PROGRAMMER	OFFICE	
6	S. DHARANYA	SENIOR ASSISTANT	OFFICE	
7	M. PRABHAVATHI	LAB ASSISTANT	ENGLISH	M Prabhavathi.
8	K. KALAIVANI	LAB ASSISTANT	MATHS	
9	P. AISHWARYAADEVI	LAB ASSISTANT	PHYSICS	
10	P. SELVARAJ	LAB ASSISTANT	CHEMISTRY	
11	S. KARTHIKEYAN	SYSTEM ADMINISTRATOR	CSE	
12	S.ABIVIRUTHI	LAB INSTRUCTOR	CSE	
13	T. UDHAYA	LAB INSTRUCTOR	CSE	
14	M. SARAVANARAJ	LAB INSTRUCTOR	CSE	
15	J. ARUN	LAB INSTRUCTOR	ECE	
16	K. MANIKANDAN	LAB INSTRUCTOR	ECE	
17	S. ANANDAN	LAB TECHNICIAN	ECE	
18	P. SOUNDARYA	PROGRAMMER	ECE	
19	V. ARAVINDHAN	TECHNICAL ASSISTANT	ECE	
20	R. MATHESH	LAB INSTRUCTOR	EEE	
21	S. KANAGABRINTHA	LAB INSTRUCTOR.	EEE	
22	A. RAJAJI	LAB INSTRUCTOR	EEE	
23	T. SAMPATHKUMAR	TECHNICAL ASSISTANT	EEE	
24	P. KARTHIK	LAB INSTRUCTOR	EEE	
25	S. GOPALA KRISHNAN	TECHNICAL ASSISTANT	EEE	
26	A.S. GEETHA	PROGRAMMER	IQAC	

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28	M. INDHUMATHI	LAB ASSISTANT	IT	
29	E. SASIKUMAR	LAB INSTRUCTOR	IT	
30	D. SENTHIL KUMAR	LAB INSTRUCTOR	MECH	
31	S. ANDAL	PROGRAMMER	MECH	
32	M. RAJESHKANNAN	LAB INSTRUCTOR	MECH	
33	N. SUGANYA	LAB ASSISTANT	MECH	
34	S. KANNAN	PROGRAMMER	EXAM CELL	
35	M. NITHYA	ASSISTANT	EXAM CELL	
36	R. SURESH KUMAR	ASSISTANT LIBRARIAN	LIBRARY	
37	M. NITHYA	ASSISTANT	LIBRARY	
38	S. BHUVANESWARI	ASSISTANT	LIBRARY	
39	JESMY DENNIS	ASSISTANT	LIBRARY	
40	S. ARTHANAREESWARAN	ASSISTANT	T&P CELL	

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Dept.Coordinator

23/12/21
IQAC COORDINATOR

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Assessment of "Skill Development Programme for K S R IET Technical and Non Technical Staff on " Basic Fire Fighting and First Aid training" in Association with Padhmalatha Enterprises-CBE.

Date: 21.12.2021
Resource Persons: Mr. M.VISWANATHAN Padhmalatha Enterprises & Dr.C.SANTHA KUMAR, ASP/EEE.

Email *

indhumathimani30@gmail.com

NAME : *

M.Indhumathi

NAME OF THE DEPARTMENT: *

IT

1. which type of fire extinguishers must not be used in case electrical base fire * 2 points

- halon extinguishers
- carbon chloride extinguishers
- (●) foam extinguishers
- dry power extinguishers

2. what is the role class A fire extinguishers * 2 points

- (●) Used on ordinary combustibles such as wood and papers
- Used on Flammable liquids
- Used electrically energized fire
- Used Non inflammable metals

3.which colored band denotes the carbon dioxide content in the fire extinguishers. * 2 points

- Red
- Blue
- White
- (●) Black

4.which class of fire involves an electrical equipment * 2 points

- Class A
- (●) Class D
- Class B
- Class C

5.once in how many years the refilling should done in water type fire extinguishers * 2 points

- (●) 2 years
- 5 years
- 3 years
- 4 years

6.what is the colour for portable water type fire extinguishers * 2 points

- Emerld green
- Pale cream
- French blue
- (●) Signal red

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7. which of the following is NOT the cause of electric fire * 2 points

- (●) Open doors
- ( ) Electric short circuit
- ( ) Loose connection
- ( ) Over loading in wires

8. The possibility of fire while fueling an automobile is due to * 2 points

- (●) Static pressure
- ( ) Exposed fuel
- ( ) Temperature of vehicle
- ( ) Atmospheric Pressure

9.What is the full form of HVWSS * 2 points

- (●) High velocity water spray system
- ( ) High vital water spray system
- ( ) High velocity water suction system
- ( ) High versatile water suction system

10.How far away should you stand when you are using a fire extinguisher to put out a fire * 2 points

- ( ) 4 feet
- ( ) 6 feet
- (●) 8 feet
- ( ) 10 feet

11. The acronym for putting out a fire using a fire extinguisher is PASS. What does PASS stand for * 2 points

- ( ) Pull, Aim, Squeeze, Spread
- ( ) Pull, Accuracy Squeeze, Spread
- ( ) Pin, Aim, Squeeze, Sweep
- (●) Pull, Aim, Squeeze, Sweep

12. The three elements of the fire triangle are * 2 points

- ( ) Water, a heat source, and fuel
- ( ) Oxygen, water, and fuel
- (●) Oxygen, fuel, and a heat source
- ( ) Fuel, oxygen, and earth

13. Do you know where the nearest fire extinguisher is in your work area? * 2 points

- (●) Yes
- ( ) No

14. You should always keep an exit or means of escape at your back when trying to fight a fire. * 2 points

- (●) True
- ( ) False

15. Which type of extinguisher has a hard horn on the end of a flexible hose or metal arm? * 2 points

- ( ) AFW (air-pressurized water)
- (●) CO2 (carbon dioxide)
- ( ) ABC (dry chemical)

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Skill Development Program on " Basic Fire Fighting and First Aid training "

Date: 21.12.2021

S.NO	STAFF NAME	DESIGNATION	DEPARTMENT	MARK
1	D. MOHANRAJ	PA TO PRINCIPAL	OFFICE	24
2	R. PUNITHA	PROGRAMMER	OFFICE	28
3	P. MANISHANKAR	OFFICE ASSISTANT	OFFICE	26
4	G. VASANTHKUMAR	JUNIOR ASSISTANT	OFFICE	28
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9	P. AISHWARYAADEVI	LAB ASSISTANT	PHYSICS	28
10	P. SELVARAJ	LAB ASSISTANT	CHEMISTRY	10
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26	A.S. GEETHA	PROGRAMMER	IQAC	22

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23.12.21
Dept.Coordinator

23/12/21
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45, Lalbahadur Nagar, Peelamedu (East), Coimbatore - 641 004.
Phone : 0422 - 2626979, Cell : 94430 03153
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CERTIFICATE

Certified that Mr./Mrs./Miss. P. KARTHIK, LAB INSTRUCTOR of DEPT. OF EEE, KSRIET. has Successfully completed the **Basic Fire Fighting and First Aid Training** (both Theory and Practical) conducted by us on 21-12-2021 organised in association with Internal Quality Assurance Cell (IQAC) of **K S R Institute for Engineering and Technology, Tiruchengode.**

PADHMALATHA ENTERPRISES CBE-4

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For Padhmalatha Enterprises

Feedback "Skill Development Programme for K S R IET Technical and Non Technical Staff on " Basic Fire Fighting and First Aid training" in Association with Padhmalatha Enterprises- CBE.

29 responses

Publish analytics

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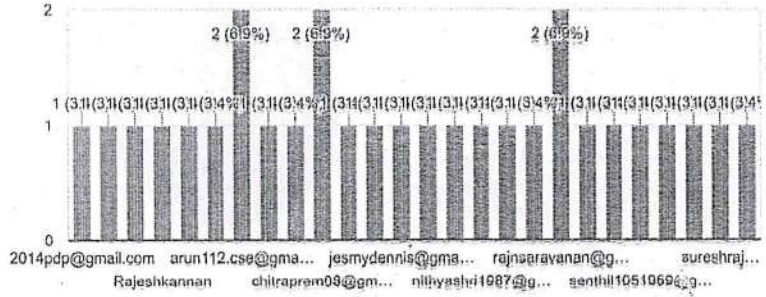
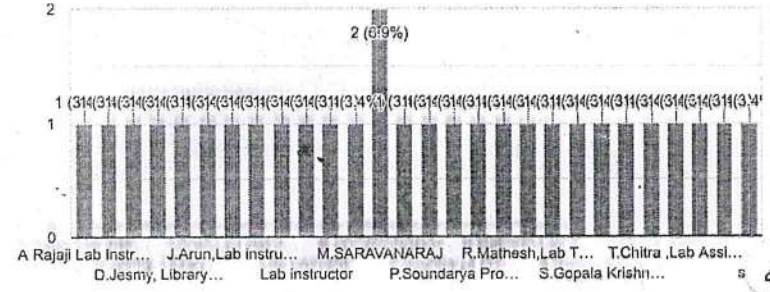
29 responses



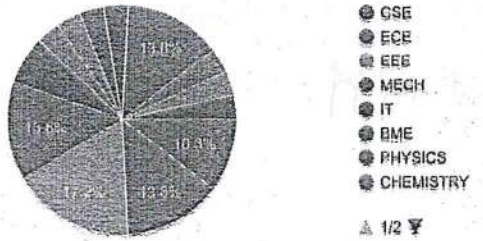
.. Name of the Staff with Designation (Eg: J.Arun, Lab Technician)

29 responses



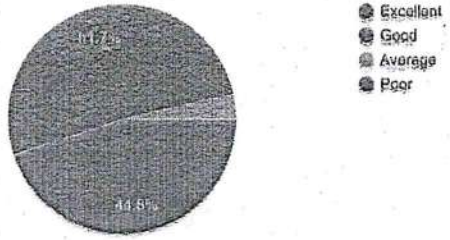
Department

29 responses



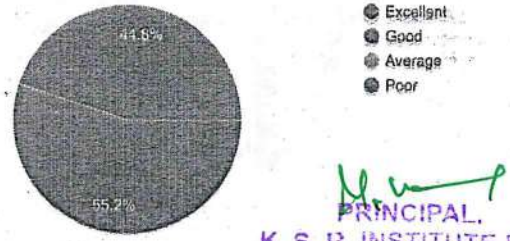
1. Rate the Usefulness of the Workshop Practice

29 responses



2. Approach and Delivery of the Resource Persons

29 responses



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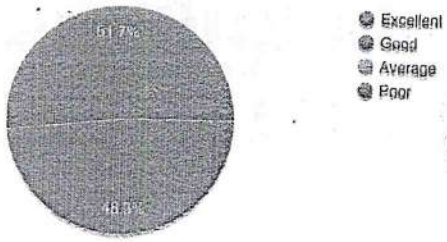
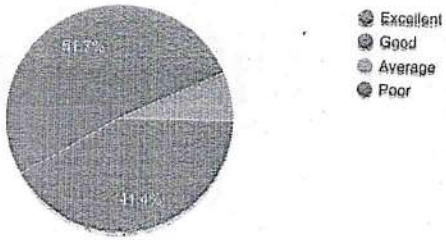
3. Effectiveness and Understanding Level of the program

29 responses



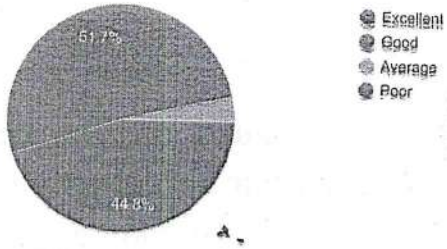
4. Rate the Question and Answer / Doubt Clarification Session

29 responses



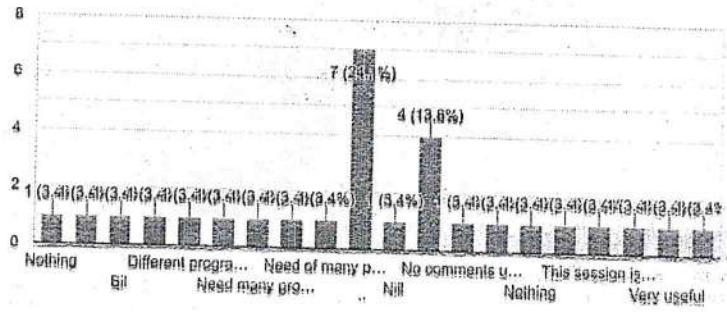
5. Rate the overall organization of the workshop

29 responses



Any other comments or suggestions for Improvement:

29 responses



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Feedback "Skill Development Programme for K S R IET Technical and Non Technical Staff on " Basic Fire Fighting and First Aid training" in Association with Padhmalatha Enterprises-CBE.

Date: 21.12.2021
Resource Persons: Mr. M.VISWANATHAN Padhmalatha Enterprises & Dr.C.SANTHA KUMAR, ASP/EEE.

E-Mail *

mathesh3838@gmail.com

Name of the Staff with Designation (Eg: J.Arun, Lab Technician) *

B.Mathesh,Lab Technician

Department *

- ○ CSE
- ○ ECE
- ◉ EEE
- ○ MECH
- ○ IT
- ○ BME
- ○ PHYSICS
- ○ CHEMISTRY
- ○ MATHS
- ○ ENGLISH
- ○ LIBRARY
- ○ EXAM CONTROL OFFICE
- ○ OFFICE
- ○ OTHER:

1. Rate the Usefulness of the Workshop Practice *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

2. Approach and Delivery of the Resource Persons *

- ◉ Excellent
- ○ Good
- ○ Average
- ○ Poor

3. Effectiveness and Understanding Level of the program *

- ◉ Excellent
- ○ Good
- ○ Average
- ○ Poor

4. Rate the Question and Answer / Doubt Clarification Session *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

5. Rate the overall organization of the workshop *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

Any other comments or suggestions for Improvement: *

Need of many programs

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and

Department of

COMPUTER SCIENCE & ENGINEERING

Organizes

Skill Development Programme for Technical and Non Technical Staff

"PC Troubleshooting and Google Form Preparation"

RESOURCE PERSONS

Mrs.R.DEEBIKA
AP/CSE,KSRIET

Mr.MOHANKUMAR
SAI COMPUTERS

Mr.S.KARTHIKEYAN
SYSTEM
ADMINISTRATOR

COORDINATOR

Dr. M.VIMALADEVI
HOD/CSE,KSRIET

CONVENOR

Dr.P.VEENA
IQAC COORDINATOR
KSRIET

PATRON

Dr.M.VENKATESAN
PRINCIPAL,KSRIET

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VENUE : KSRIET

WEDNESDAY,22nd DEC,2021

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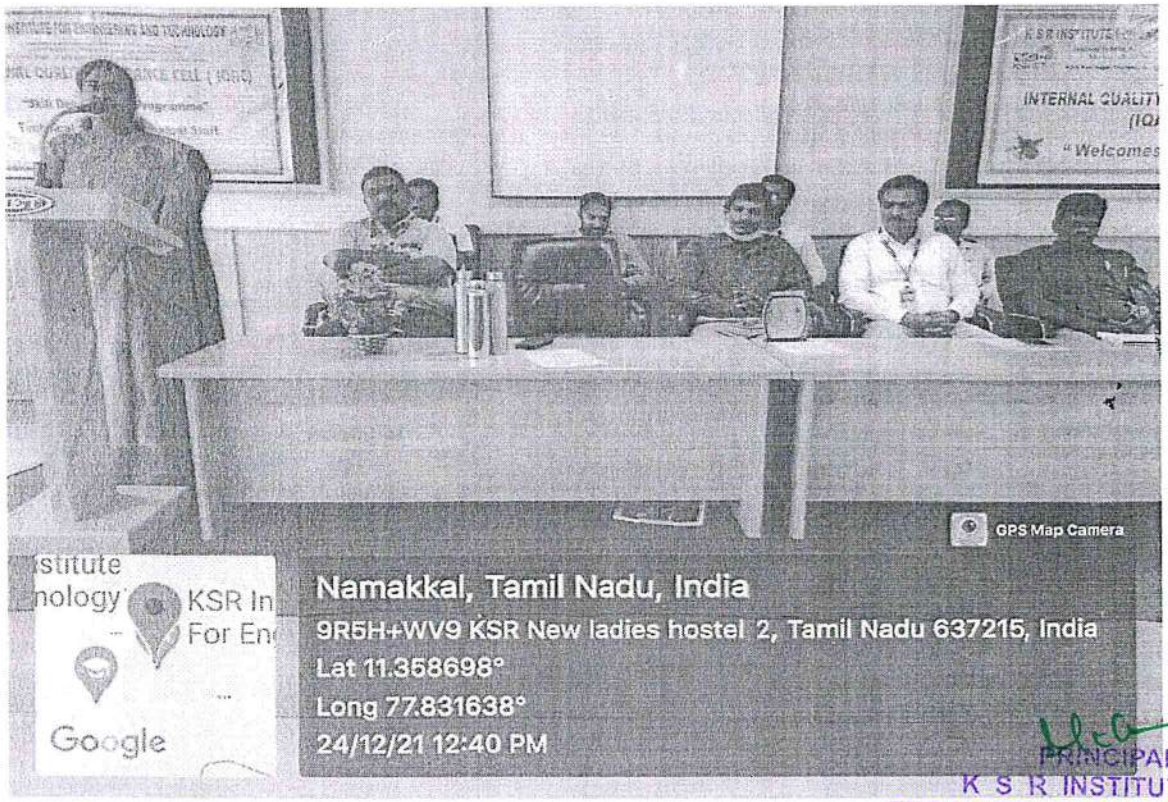
Internal Quality Assurance Cell (IQAC)
&
Department of Computer Science and Engineering

Academic Year:	2021-2022	**Date &Time:**	22.12.2021
Name of the Programme:	Workshop	**Title:**	Skill Development Programme for Technical and Non-Technical Staff "PC Trouble Shooting and Google form Preparation"
Venue:	CSE Computer Lab	**No. of Participants Attended :**	36

Chief Guest Details
Mr.M.Mohan Kumar
Official Address and Contact Details
SAI Computers,
38, Avvaiyar Street,
Teachers Colony,
Erode – 638 011.



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Internal Quality Assurance Cell (IQAC)

Skill Development Program on

" PC Trouble shooting/ Google form Preparation"

DATE:22.12.2021

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10	P. SELVARAJ	LAB ASSISTANT	CHEMISTRY	AB
11	S. KARTHIKEYAN	SYSTEM ADMINISTRATOR	CSE	
12	S.ABI VIRUTHI	TECHNICAL ASSISTANT	CSE	
13	T. UDHAYA	LAB INSTRUCTOR	CSE	
14	M. SARAVANARAJ	LAB INSTRUCTOR	CSE	
15	J. ARUN	LAB INSTRUCTOR	ECE	
16	K. MANIKANDAN	LAB INSTRUCTOR	ECE	
17	S. ANANDAN	LAB TECHNICIAN	ECE	AB
18	P. SOUNDARYA	PROGRAMMER	ECE	
19	V. ARAVINDHAN	TECHNICAL ASSISTANT	ECE	
20	R. MATHESH	LAB INSTRUCTOR	EEE	
21	S. KANAGABRINTHA	LAB INSTRUCTOR	EEE	
22	A. RAJAJI	LAB INSTRUCTOR	EEE	
23	T. SAMPATHKUMAR	TECHNICAL ASSISTANT	EEE	
24	P. KARTHIK	LAB INSTRUCTOR	EEE	AB

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S.NO	STAFF NAME	DESIGNATION	DEPARTMENT	SIGNATURE
25	S. GOPALA KRISHNAN	TECHNICAL ASSISTANT	EEE	
26	A.S. GEETHA	PROGRAMMER	IQAC	
27	T. CHITRA	Lab Assistant	IT	
28	M. INDHUMATHI	LAB ASSISTANT	IT	
29	E. SASIKUMAR	LAB INSTRUCTOR	IT	
30	D. SENTHIL KUMAR	LAB INSTRUCTOR	MECH	
31	S. ANDAL	PROGRAMMER	MECH	
32	M. RAJESHKANNAN	LAB INSTRUCTOR	MECH	
33	N. SUGANYA	LAB ASSISTANT	MECH	
34	S. KANNAN	PROGRAMMER	EXAM CELL	
35	M. NITHYA	ASSISTANT	EXAM CELL	
36	R. SURESH KUMAR	ASSISTANT LIBRARIAN	LIBRARY	
37	M. NITHYA	ASSISTANT	LIBRARY	
38	S. BHUVANESWARI	ASSISTANT	LIBRARY	
39	JESMY DENNIS	ASSISTANT	LIBRARY	
40	S. ARTHANAREESWARA	ASSISTANT	T&P CELL	

P. Veer 23/12/21.
IQAC Coordinator

Principal

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"Skill Development Programme for Technical and Non-Technical Staff "PC Trouble Shooting and Google Form Creation"" -Organized by IQAC, KSRIET In Association with SAI Computers, Erode.

* Required

1. 1. What is a device connecting a network without using a cable? * 1 point

Mark only one oval.

- Distributed
- centralized
- open source
- wireless

2. 2. The part of the computer that anyone can touch * 1 point

Mark only one oval

- hardware
- data
- software
- input

3. 3.Where data is recorded in a floppy disk * 1 point

Mark only one oval.

- sectors
- Runs
- Tracks
- Rounders

4. 4.An electronic device that converts data into information and processes it- * 1 point

Mark only one oval.

- computer
- processor
- case
- stylus

5. 5.Which of the following is an example of an input device? * 1 point

Mark only one oval.

- keyboard
- monitor
- mouse
- Both 1 & 3

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6. 6.When the computer shuts down, the ..... contents are lost. * 1 point

Mark only one oval.

- input
- output
- memory
- storage

7. 7.A hard disk is divided into tracks which are further subdivided into ..... * 1 point

Mark only one oval.

- vectors
- clusters
- sectors
- None of the above

8. 8.Teletypewriter terminal is a example of * 1 point

Mark only one oval.

- input device
- output device
- Both A & B
- None of the above

9. 9.The Central Processing Unit consists of - * 1 point

Mark only one oval.

- control unit
- ALU
- CPU
- All of the above

10. 10.Which memory is known as volatile memory * 1 point

Mark only one oval.

- RAM
- ROM
- Floppy
- All of the above

11. 11.Which of the following is a device that is used to connect a number of LANs? * 1 point

Mark only one oval.

- Bridge
- Switch
- Router
- Repeater

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12. 12. Which of the following would be a logical first step in troubleshooting a PC? * 1 point

Mark only one oval.

- Check the computer CMOS
- Define the circumstances of the problem
- Call the vendor
- Define what applications are being used

13. 13. Which would you do first when troubleshooting a faulty monitor? 1 point

Mark only one oval.

- Check its connections to the computer and power source
- Use a meter to check the CRT and internal circuitry for continuity
- Power down the monitor, then turn it on again to see if that corrects the problem
- Power down the computer, then turn it on again to see if that corrects the problem

14. 14.What is the first step in diagnosing a completely dead computer at the client site that was working the day before. * 1 point

Mark only one oval.

- Test the power supply
- replace the CMOS battery
- check the AC outlet
- reseat the hard drive controller cable

15. 15. You see the message "Invalid media device" after installing a new hard drive. What do you do next? * 1 point

Mark only one oval.

- Format
- Fdisk
- partition
- Add the OS

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Total points 8/15

Name: *

S KANAGABRINTHA

Designation: *

LAB INSTRUCTOR

Department: *

EEE

✓ 1. What is a device connecting a network without using a cable? * 1/1

- ○ Distributed
- ○ centralized
- ○ open source
- ◉ wireless ✓

✗ 2. The part of the computer that anyone can touch * 0/1

- ○ hardware
- ◉ data ✗
- ○ software
- ○ input

Correct answer

- ◉ hardware

✓ 3.Where data is recorded in a floppy disk * 1/1

- ○ sectors
- ○ Runs
- ◉ Tracks ✓
- ○ Rounders

✓ 4.An electronic device that converts data into information and processes it- * 1/1

- ◉ computer ✓
- ○ processor
- ○ case
- ○ stylus

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✗ 5.Which of the following is an example of an input device? * 0/1

- ○ keyboard
- ◉ monitor ✗
- ○ mouse
- ○ Both 1 & 3

Correct answer

- ◉ Both 1 & 3

✓ 6.When the computer shuts down, the ..... contents are lost. * 1/1

- ○ input
- ○ output
- ◉ memory ✓
- ○ storage

✓ 7.A hard disk is divided into tracks which are further subdivided into ..... * 1/1

- ○ vectors
- ○ clusters
- ◉ sectors ✓
- ○ None of the above

✗ 8.Teletypewriter terminal is a example of * 0/1

- ○ input device
- ◉ output device ✗
- ○ Both A & B
- ○ None of the above

Correct answer

- ◉ Both A & B

✓ 9.The Central Processing Unit consists of - * 1/1

- ○ control unit
- ○ ALU
- ◉ CPU ✓
- ○ All of the above

✗ 10.Which memory is known as volatile memory * 0/1

- ○ RAM
- ◉ ROM ✗
- ○ Floppy
- ○ All of the above

Correct answer

- ◉ RAM

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✗ 11.Which of the following is a device that is used to connect a number of LANs? * 0/1

- (●) Bridge ✗
- ( ) Switch
- ( ) Router
- ( ) Repeater

Correct answer

- (●) Router

✓ 12. Which of the following would be a logical first step in troubleshooting a PC? * 1/1

- ( ) Check the computer CMOS
- (●) Define the circumstances of the problem ✓
- ( ) Call the vendor
- ( ) Define what applications are being used

✗ 13. Which would you do first when troubleshooting a faulty monitor? 0/1

- ( ) Check its connections to the computer and power source
- ( ) Use a meter to check the CRT and internal circuitry for continuity
- ( ) Power down the monitor, then turn it on again to see if that corrects the problem
- (●) Power down the computer, then turn it on again to see if that corrects the problem ✗

Correct answer

- (●) Check its connections to the computer and power source

✗ 14.What is the first step in diagnosing a completely dead computer at the client site that was working the day before. * 0/1

- ( ) Test the power supply
- ( ) replace the CMOS battery
- ( ) check the AC outlet
- (●) reseat the hard drive controller cable ✗

Correct answer

- (●) check the AC outlet

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Internal Quality Assurance Cell (IQAC)

Skill Development Program on

" PC Trouble shooting/ Google form Preparation"

MARK STATEMENT

DATE:22.12.2021

S.NO	STAFF NAME	DESIGNATION	DEPARTMENT	MARKS
1	D. MOHANRAJ	PA TO PRINCIPAL	OFFICE	11
2	R. PUNITHA	PROGRAMMER	OFFICE	10
3	P. MANISHANKAR	OFFICE ASSISTANT	OFFICE	7
4	G. VASANTHKUMAR	OFFICE ASSISTANT	OFFICE	8
5	N. KIRUPASANGAR	PROGRAMMER	OFFICE	12
6	S. DHARANYA	SENIOR ASSISTANT	OFFICE	11
7	M. PRABHAVATHI	LAB ASSISTANT	ENGLISH	10
8	K. KALAIVANI	LAB ASSISTANT	MATHS	11
9	P. AISHWARYAADEVI	LAB ASSISTANT	PHYSICS	10
10	P. SELVARAJ	LAB ASSISTANT	CHEMISTRY	AB
11	S. KARTHIKEYAN	SYSTEM ADMINISTRATOR	CSE	11
12	T. UDHAYA	LAB INSTRUCTOR	CSE	10
13	M. SARAVANARAJ	LAB INSTRUCTOR	CSE	11
14	J. ARUN	LAB INSTRUCTOR	ECE	10
15	K. MANIKANDAN	LAB INSTRUCTOR	ECE	9
16	S. ANANDAN	LAB TECHNICIAN	ECE	AB
17	P. SOUNDARYA	PROGRAMMER	ECE	11
18	V. ARAVINDHAN	TECHNICAL ASSISTANT	ECE	12
19	R. MATHESH	LAB INSTRUCTOR	EEE	8
20	S. KANAGABRINTHA	LAB INSTRUCTOR	EEE	9
21	A. RAJAJI	LAB INSTRUCTOR	EEE	12
22	T. SAMPATHKUMAR	TECHNICAL ASSISTANT	EEE	9
23	P. KARTHIK	LAB INSTRUCTOR	EEE	AB
24	S. GOPALA KRISHNAN	TECHNICAL ASSISTANT	EEE	12

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S.NO	STAFF NAME	DESIGNATION	DEPARTMENT	MARKS
25	A.S. GEETHA	PROGRAMMER	IQAC	11
26	T. CHITRA	ATTENDANT	IT	12
27	M. INDHUMATHI	LAB ASSISTANT	IT	10
28	E. SASIKUMAR	LAB INSTRUCTOR	IT	9
29	D. SENTHIL KUMAR	LAB INSTRUCTOR	MECH	10
30	S. ANDAL	PROGRAMMER	MECH	8
31	M. RAJESHKANNAN	LAB INSTRUCTOR	MECH	AB
32	N. SUGANYA	LAB ASSISTANT	MECH	9
33	S. KANNAN	PROGRAMMER	EXAM CELL	10
34	M. NITHYA	ASSISTANT	EXAM CELL	11
36	R. SURESH KUMAR	ASSISTANT LIBRARIAN	LIBRARY	13
37	M. NITHYA	ASSISTANT	LIBRARY	12
38	S. BHUVANESWARI	ASSISTANT	LIBRARY	10
39	JESMY DENNIS	ASSISTANT	LIBRARY	11
40	S. ARTHANAREESWARA	ASSISTANT	T&P CELL	10

24/12/21
IQAC COORDINATOR

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Feedback "Skill Development Programme for Technical and Non-Technical Staff "PC Trouble Shooting and Google Form Creation"" -Organized by IQAC, KSRIET In Association with SAI Computers, Erode.

Date : 22.12.2021 Time : 9:30AM-12:30PM
Resource Persons:
Mr.M.Mohankumr, SAI Computers , Erode.,
Mrs.R.Deebika- AP/CSE, KSRIET, & Mr.S.Karthikeyan - System Administrator, KSRIET

Name of the Staff with Designation (Eg: M.Rajeshkannan, Lab Technician) *

M NITHYA, Library Assistant

Department *

- ○ CSE
- ○ ECE
- ○ EEE
- ○ MECH
- ○ IT
- ○ English
- ○ Maths
- ○ Physics
- ○ Chemistry
- ◉ Library
- ○ Exam Control Office
- ○ Other:

1. Rate the usefulness of the contents of the Workshop *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

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2. Approach and Delivery of the Resource Persons *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

3. Effectiveness and Understanding Level of the Program *

- ( ) Excellent
- (●) Good
- ( ) Average
- ( ) Poor

4. Rate the Question and Answer/ Doubt Clarification session *

- (●) Excellent
- ( ) Good
- ( ) Average
- ( ) Poor

5. Rate the overall organization of the workshop *

- ( ) Excellent
- (●) Good
- ( ) Average
- ( ) Poor

Any other comments or suggestions for improvement:

Google forms & troubleshooting improve the knowledge

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(30)

Feedback "Skill Development Programme for Technical and Non-Technical Staff "PC Trouble Shooting and Google Form Creation"" -Organized by IQAC, KSRIET In Association with SAI Computers, Erode.

37 responses

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Name of the Staff with Designation (Eg: M.Rajeshkannan, Lab Technician)

37 responses

G.Vasanthkumar junior Assistant

D.Jesmy, Library Assistant

M NITHYA, Library Assistant

S.Bhuvaneswari, Library Assitant

S.kanagabrintha,Lab instructor

A.S.Geetha

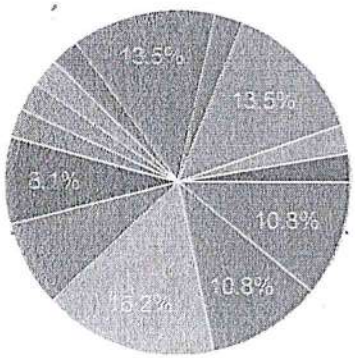
RAJAJI AYYAMUTHU lab Instructor

N.Suganya,lab assistant

M.Andal

Department

37 responses



CSE
ECE
EEE
MECH
IT
English
Maths
Physics

1/2

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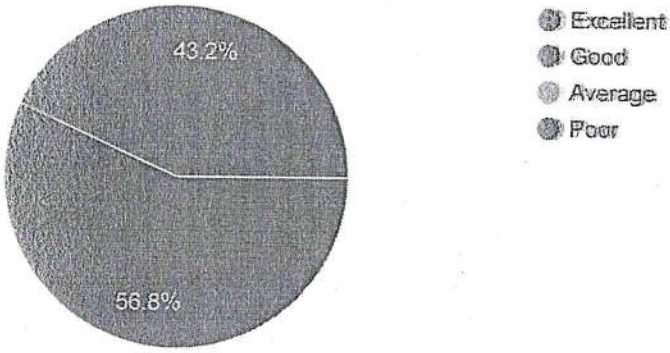
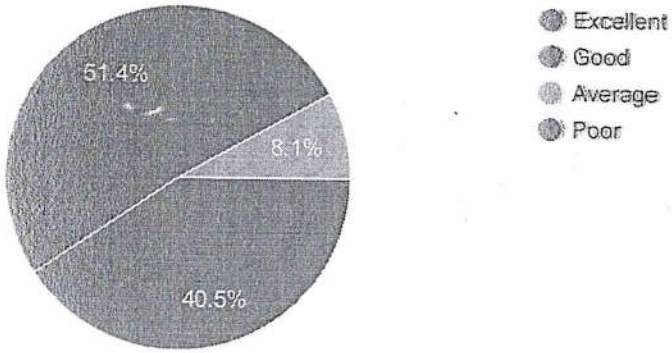
1. Rate the usefulness of the contents of the Workshop

37 responses



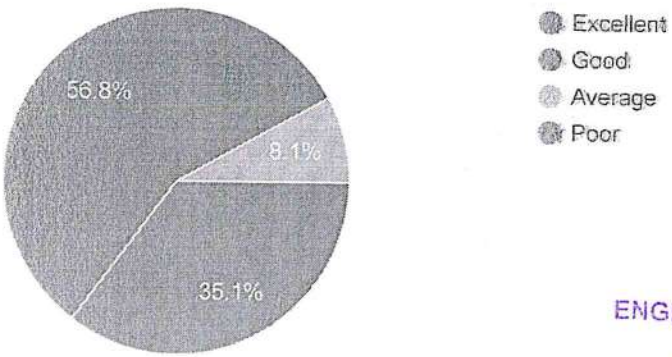
2. Approach and Delivery of the Resource Persons

37 responses



3. Effectiveness and Understanding Level of the Program

37 responses



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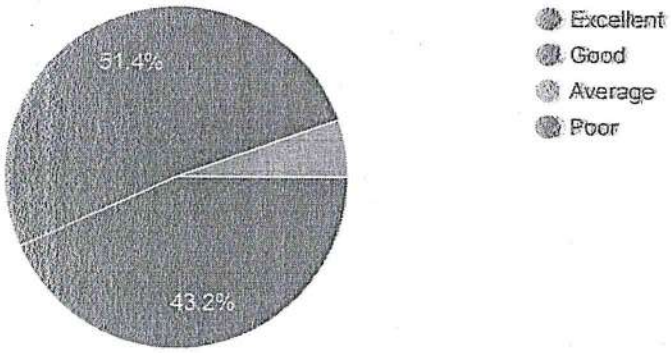
53

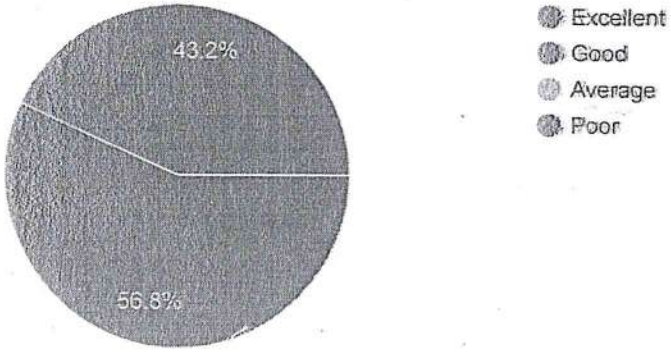
4. Rate the Question and Answer/ Doubt Clarification session

37 responses



5. Rate the overall organization of the workshop

37 responses



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Any other comments or suggestions for improvement:

20 responses

good

useful program

useful

Excellent

Very useful classes

Google forms & troubleshooting improve the knowledge

Very useful for Google forms and troubleshooting

Good

No

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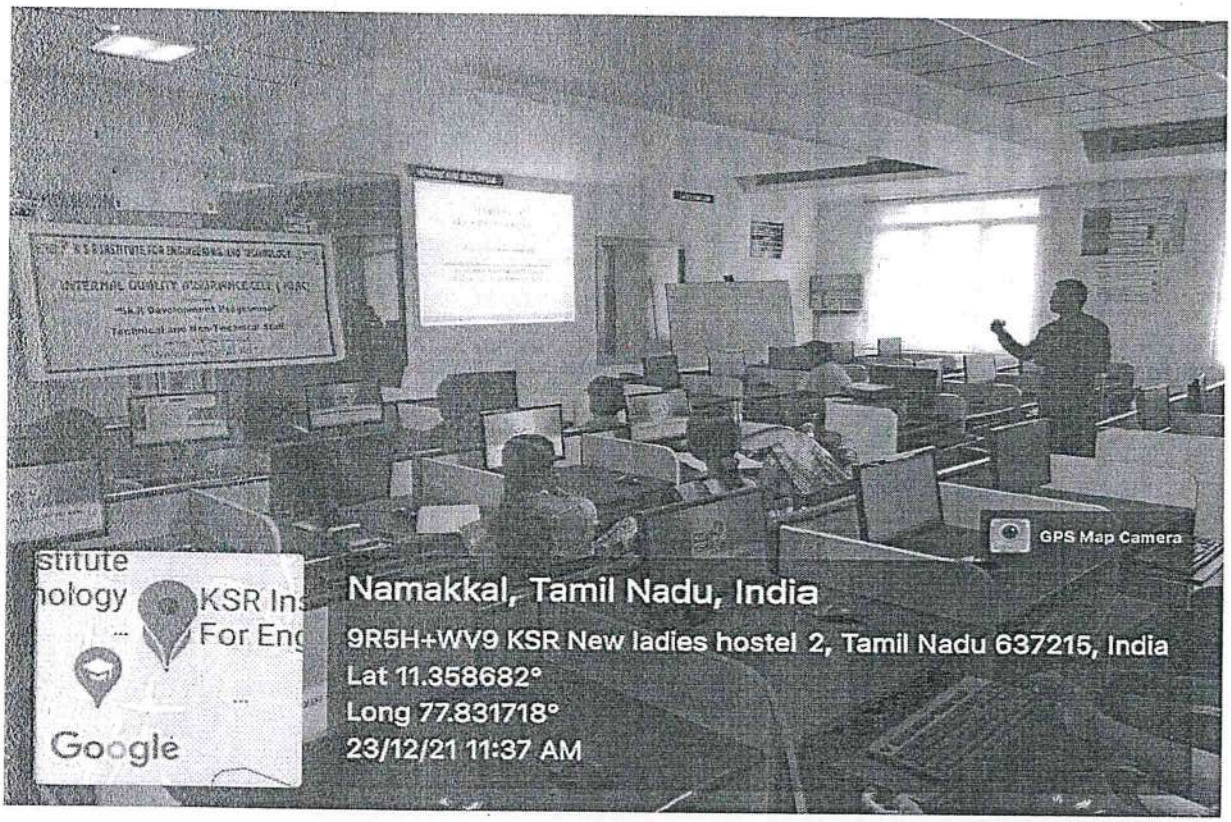
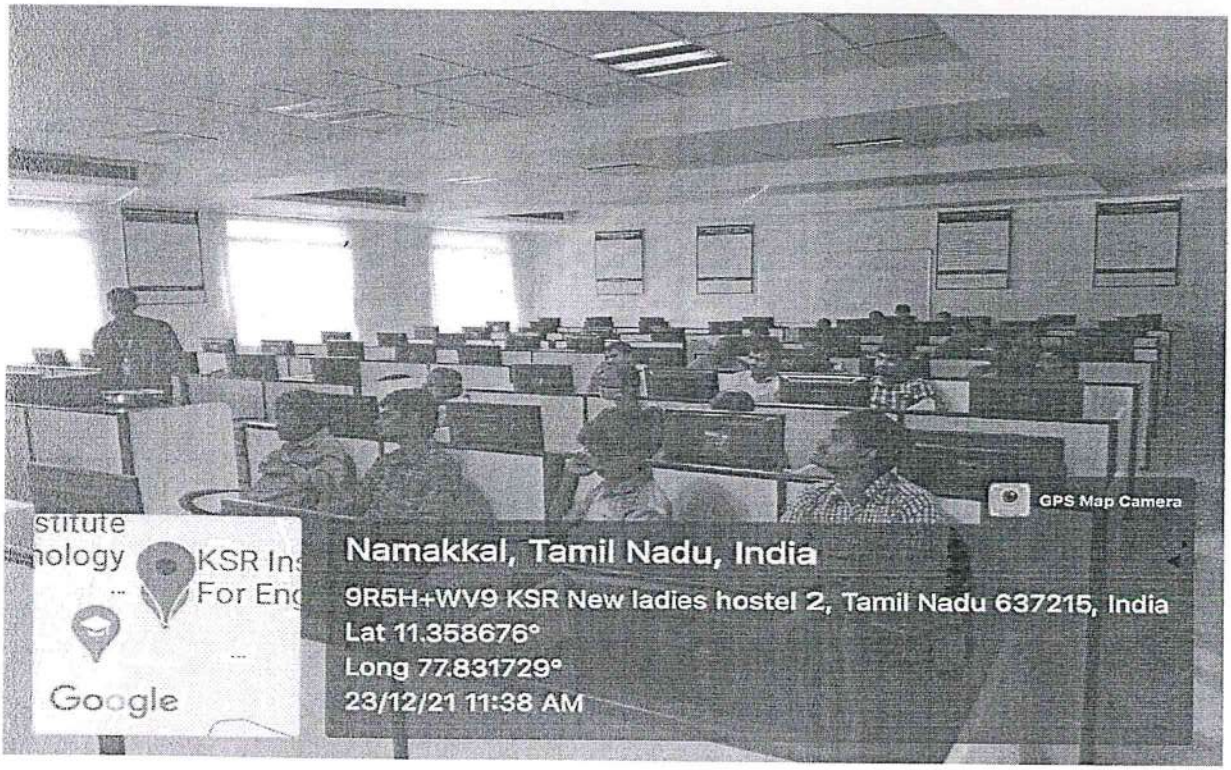
SKILL DEVELOPMENT PROGRAMME FOR TECHNICAL AND NON TECHNICAL STAFF
"PC Trouble Shooting and Google Form Creation"





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KSRIET IQAC Quest for Excellence

Internal Quality Assurance Cell [IQAC]

and

Department of IT and ECE

in associated with

HI-Tech System, Tiruchengode

Organises Two Days Workshop

on

Microsoft Office Tools

Resource Person
Mr. P. Govindaraju
ASP & HOD / ECE

Resource Person
R. Prabhou,
M/s,HI-Tech Systems,
PRESIDENT, EDITA.

Resource Person
Mr. T. Selvaprabhu
AP/IT, KSRIET

Date
23rd & 24th December 2021

Convenor
Dr. P. Veena
IQAC Coordinator

Patron
Dr. M. Venkatesan
Principal

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KSRIET	**K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY** TIRUCHENGODE- 637215
IQAC	**INTERNAL QUALITY ASSESSMENT CELL**

Name of the program	**WORKSHOP**	**Forum Name**	IQAC
Title of the Topic	**Microsoft Word**	**Date**	23/12/2021
		Time	10.00 AM - 04.00PM
		Number of Participants Attended	40
		Venue	Computer Center - I
Name of the Resource Person	Mr.R.Prabhou, M/s, HI – Tech systems, President, Edita.	Mr.P.Govindaraju, ASP & Head, Department of ECE, KSRIET	

Report of the Event

The Session started with Welcome address by Mr.M.Udhayakumar, Asst. Prof of ECE Department. The Objective of this workshop is to understand the concept of Microsoft word. The Forenoon Session was conducted by Mr.R.Prabhou, M/s, HI – Tech stems, President, Edita and Afternoon Session was handled by Mr.P.Govindaraju, ASP & Head/ECE, KSRIET.

They had given the presentation about execution of MS word Tool for Identify the purpose of the commands on the menu bar that includes creating & editing process, insert, page Layout, drawing tabulations, designing etc. The Hands on training was given at the end of presentation. The Participants were actively participated in the training. The Session was ended with Vote of thanks delivered by Mr.M.Udhayakumar, Asst. Prof. of ECE Department.

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Outcomes	After the completion of workshop, the Technical & Non Technical staff came to know about ➢ Navigation and perform common tasks in Word ➢ Open, save, save as, and print Microsoft Word files ➢ Hop Around to Editing Hotspots ➢ Writing Text Anywhere and perform Copy, cut and paste operations. ➢ Work with language tools.	
Event Coordinator **Mr. M.Udhayakumar**	P. Ver 27/12/23	
	IQAC Coordinator	**Principal**

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Internal Quality Assurance Cell (IQAC)
&
Department of Information Technology

Academic Year:	2021-2022	**Date &Time:**	24.12.2021		
Name of the Programme:	Workshop	**Title:**	Skill Development Programme for Technical and Non-Technical Staff "Microsoft Office (Word & Excel)"		
Venue:	CSE Computer Lab			**No. of Participants Attended :**	40

Chief Guest Details
Mr. R. Prabhou,
President, EDITA
Official Address and Contact Details
HI-Tech Systems,
102/5,Ambal Complex,
Katcheri Street,Velur Road,
Tiruchengode-637211.

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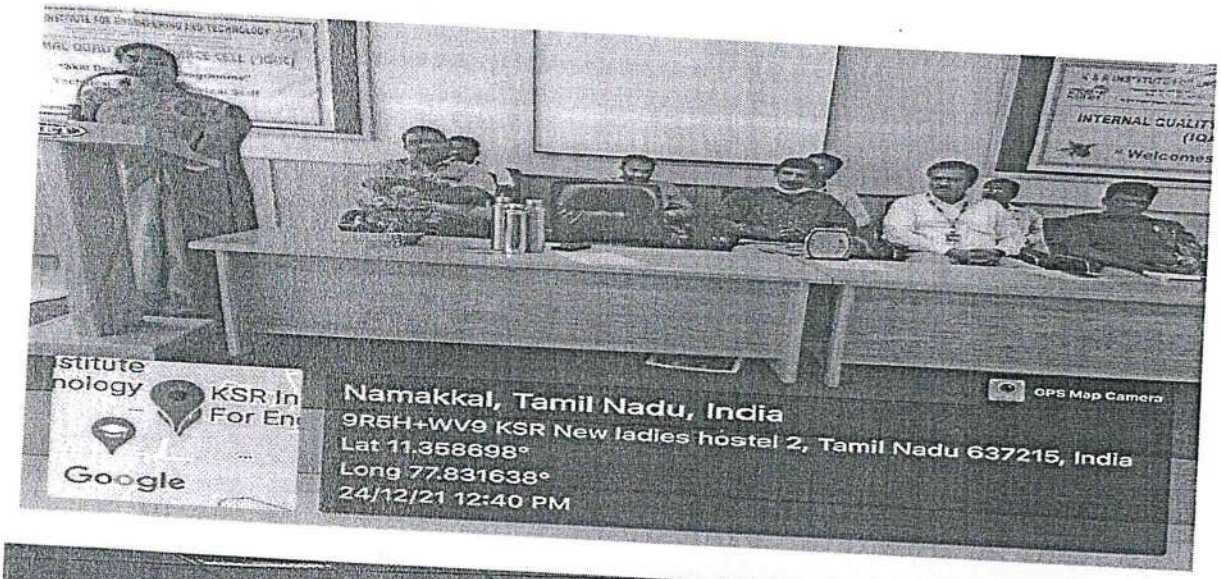
K S R K[illegible] NAGAR,
TIRUCHE[illegible]5,



Brief About the Workshop:

"Microsoft Office (Word & Excel)" - Skill development programme for technical and Non-technical staff was conducted on 24.12.2021. The session starts with Prayer song and Dr. P. Veena coordinator - IQAC welcomes the respected chief guest, Principal, Directors, HoD's and the staff members with immense pleasure.

The workshop mainly highlights to train the staff members to get easier in using formulas that are used in MS-Excel applications. The Sessions were conducted by Mr. R. Prabhou, from HI-Tech Systems, Tiruchengode and Mr. T. Selvaprabhu, AP/IT of K S R Institute for Engineering and Technology. The workshop concluded by vote of thanks given by Mrs. S. Akiladevi, ASP/Chemistry.

27/12/21
Dept. Coordinator

P. Veena. 27/12/21
IQAC Coordinator

Principal

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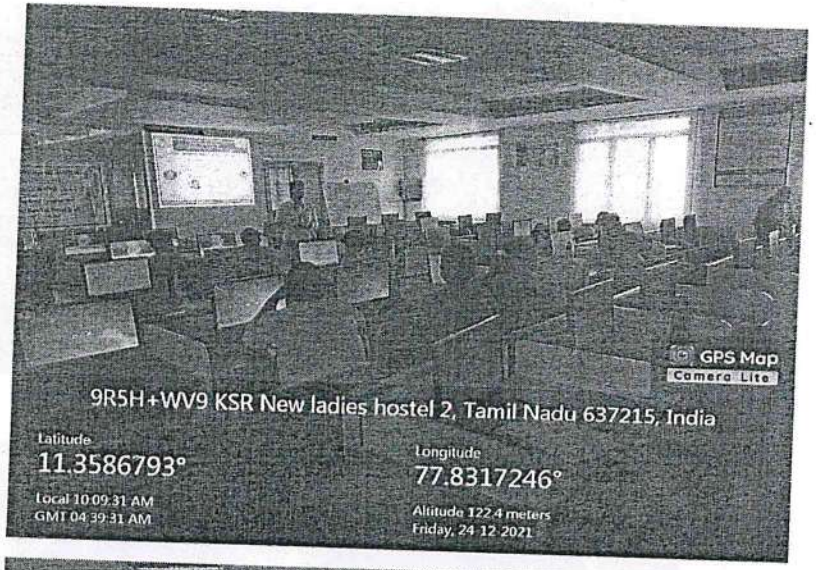

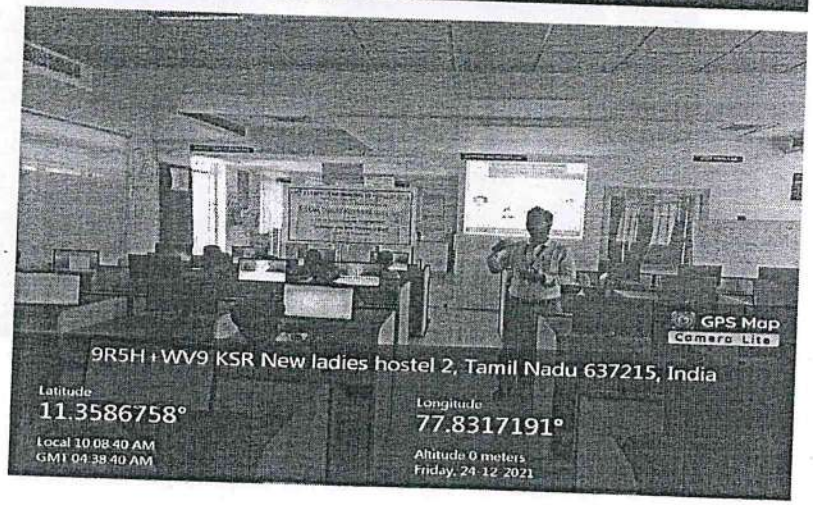

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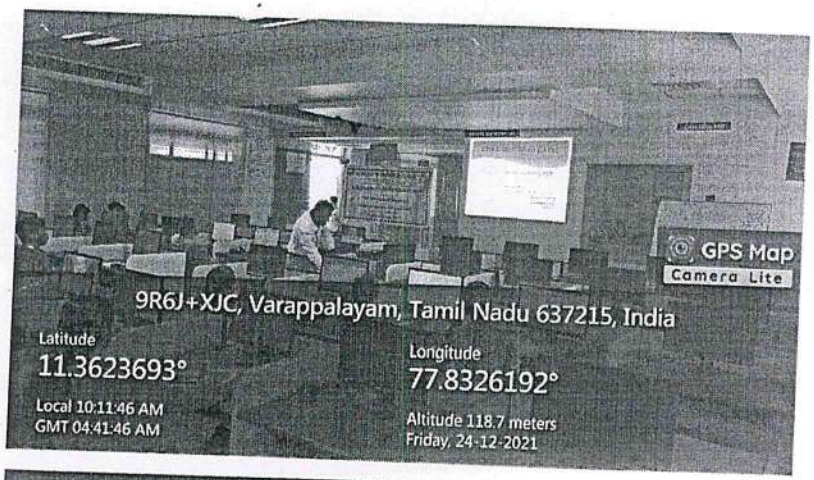

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TIRUCHENGODE - 637 215

Internal Quality Assurance Cell (IQAC)

Skill Development Program on " Microsoft Office Tools (Excel)"

Date: 24.12.2021 Timing: 9:30AM - 12PM

S.NO	STAFF NAME	DESIGNATION	DEPARTMENT	SIGNATURE
1	D. MOHANRAJ	PA TO PRINCIPAL	OFFICE	
2	R. PUNITHA	PROGRAMMER	OFFICE	
3	P. MANISHANKAR	OFFICE ASSISTANT	OFFICE	
4	G. VASANTHKUMAR	OFFICE ASSISTANT	OFFICE	
5	N. KIRUPASANGAR	PROGRAMMER	OFFICE	
6	S. DHARANYA	SENIOR ASSISTANT	OFFICE	
7	M. PRABHAVATHI	LAB ASSISTANT	ENGLISH	
8	K. KALAIVANI	LAB ASSISTANT	MATHS	
9	P. AISHWARYAADEVI	LAB ASSISTANT	PHYSICS	
10	P. SELVARAJ	LAB ASSISTANT	CHEMISTRY	
11	S. KARTHIKEYAN (a)	SYSTEM ADMINISTRATOR	CSE	AB
12	T. UDHAYA	LAB INSTRUCTOR	CSE	
13	M. SARAVANARAJ	LAB INSTRUCTOR	CSE	
14	S. ABIVIRUTHI	TECHNICAL ASSISTANT	CSE	
15	J. ARUN	LAB INSTRUCTOR	ECE	
16	K. MANIKANDAN	LAB INSTRUCTOR	ECE	
17	S. ANANDAN	LAB TECHNICIAN	ECE	
18	P. SOUNDARYA	PROGRAMMER	ECE	
19	V. ARAVINDHAN	TECHNICAL ASSISTANT	ECE	
20	R. MATHESH	LAB INSTRUCTOR	EEE	
21	S. KANAGABRINTHA	LAB INSTRUCTOR	EEE	
22	A. RAJAJI	LAB INSTRUCTOR	EEE	
23	T. SAMPATHKUMAR	TECHNICAL ASSISTANT	EEE	
24	P. KARTHIK	LAB INSTRUCTOR	EEE	
25	S. GOPALA KRISHNAN	TECHNICAL ASSISTANT	EEE	
26	A.S. GEETHA	PROGRAMMER	IQAC	

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S.NO	STAFF NAME	DESIGNATION	DEPARTMENT	SIGNATURE
27	T. CHITRA	Lab Assistant ATTENDANT	IT	
28	M. INDHUMATHI	LAB ASSISTANT	IT	
29	E. SASIKUMAR	LAB INSTRUCTOR	IT	
30	D. SENTHIL KUMAR	LAB INSTRUCTOR	MECH	
31	S. ANDAL	PROGRAMMER	MECH	
32	M. RAJESHKANNAN (a)	LAB INSTRUCTOR	MECH	AB
33	N. SUGANYA	LAB ASSISTANT	MECH	
34	S. KANNAN	PROGRAMMER	EXAM CELL	
35	M. NITHYA	ASSISTANT	EXAM CELL	M. Nithya
36	R. SURESH KUMAR	ASSISTANT LIBRARIAN	LIBRARY	
37	M. NITHYA	ASSISTANT	LIBRARY	
38	S. BHUVANESWARI	ASSISTANT	LIBRARY	
39	JESMY DENNIS	ASSISTANT	LIBRARY	
40	S. ARTHANAREESWARAN	ASSISTANT	T&P CELL	
	29/12/21	29/12/21		
PROGRAM COORDINATOR		IQAC COORDINATOR	PRINCIPAL	

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Assessment on "Microsoft Office Tool - Excel"

Lets Begin Our Self Calculative Analysis Exam

selvaprabhut@ksriet.ac.in Switch account

The name and photo associated with your Google account will be recorded when you upload files and submit this form. Only the email you enter is part of your response.

* Required

Email *

Your email

Prefix *

- Mr
- Mrs
- Miss

Name (Eg: T. SELVAPRABHU) *

Your answer

Department *

- Bio Medical Engineering
- CSE
- ECE
- EEE
- MECH
- IT
- S & H (Chemistry)
- S & H (English)
- S & H (Maths)
- S & H (Physics)
- Office
- Others

Email *

Your answer

PART A

Following (1 to 5) Each Questions Carries 1 Mark.

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1. What is the intersection of a column and a row on a worksheet called ? * 1 point

- ○ Value
- ○ Column
- ○ Address
- ○ Cell

2. What type of chart is useful for comparing values over categories ? * 1 point

- ☐ Pie Chart
- ☐ Column Chart
- ☐ Line Chart
- ☐ Dot Graph

3. Which function in Excel tells how many numeric entries are there ?Your third question? * 1 point

- ○ NUM
- ○ COUNT
- ○ SUM
- ○ CHKNUM

1/20/22, 4:08 PM Assessment on "Microsoft Office Tool - Excel"

4. A features that displays only the data in column (s) according to specified criteria * 1 point

- ○ Formula
- ○ Sorting
- ○ Filtering
- ○ Pivot

5. Statistical calculations and preparation of tables and graphs can be done using * 1 point

- ○ Adobe Photoshop
- ○ Excel
- ○ Access
- ○ Power Point

PART B

Following (6 to 15) Each Questions Carries 2 Mark.

PART B

Following (6 to 15) Each Questions Carries 2 Mark.

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6. What type of chart will you use to compare performance of two employees in the year 2016 ? * 2 points

- Column Chart
- Dot Chart
- Line Chart
- Pie Chart

7. Which one is not a Function in MS Excel ? * 2 points

- SUM
- AVG
- MAX
- MIN

8. Functions in MS Excel must begin with ___ * 2 points

- An () sign
- An Equal Sign
- A Plus Sign
- A > Sign

9. Which function in Excel checks whether a condition is true or not ? * 2 points

- SUM
- COUNT
- IF
- AVERAGE

10. In Excel, Columns are labelled as ___ * 2 points

- A, B, C, etc
- 1,2,3 etc
- A1, A2, etc.
- A1, A2, etc.

11. The Greater Than sign (>) is an example of _____ operator. 2 points

- Arithmatic
- Logical
- Conditional
- Greater

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12. In Excel, which one denoted a range from B1 through E5 — 2 points

- B1 - E5
- B1 to E5
- B1:E5
- B1$E5

13. The ___ feature of MS Excel quickly completes a series of data — 2 points

- Auto Complete
- Auto Fill
- Fill Handle
- Sorting

14. How will you graphically represent expenditure in different departments ? — 2 points

- Column Chart
- Line Chart
- Pie Chart
- Cone Chart

1/20/22, 4:08 PM Assessment on "Microsoft Office Tool - Excel"

15. How many sheets are there, by default, when we create a new Excel file ? — 2 points

- 1
- 2
- 3
- 4

PART C (Insert An Excel File with Pie Chart for Students (Roll No, Name, Subjects, Total, Pass/Fail, Percentage) having 5 different subjects and calculate the Total of each student and give average of them along with their over all Pass & Fail Percentage, use Count if formula to show how many students passed and failed) - 10 Marks — 10 points

Add file

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K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

Internal Quality Assurance Cell (IQAC)

Skill Development Program on " Microsoft Office Tools"

MARK STATEMENT

Date: 24.12.2021

S.NO	STAFF NAME	DESIGNATION	DEPARTMENT	MARKS OBTAINED (35)
1	D. MOHANRAJ	PA TO PRINCIPAL	OFFICE	30
2	R. PUNITHA	PROGRAMMER	OFFICE	34
3	P. MANISHANKAR	OFFICE ASSISTANT	OFFICE	31
4	G. VASANTHKUMAR	JUNIOR ASSISTANT	OFFICE	30
5	N. KIRUPASANGAR	PROGRAMMER	OFFICE	32
6	S. DHARANYA	SENIOR ASSISTANT	OFFICE	33
7	M. PRABHAVATHI	LAB ASSISTANT	ENGLISH	28
8	K. KALAIVANI	LAB ASSISTANT	MATHS	29
9	P. AISHWARYAADEVI	LAB ASSISTANT	PHYSICS	28
10	P. SELVARAJ	LAB ASSISTANT	CHEMISTRY	29
11	S. KARTHIKEYAN	SYSTEM ADMINISTRATOR	CSE	AB
12	S.ABIVIRUTHI	LAB INSTRUCTOR	CSE	27
13	T. UDHAYA	LAB INSTRUCTOR	CSE	29
14	M. SARAVANARAJ	LAB INSTRUCTOR	CSE	28
15	J. ARUN	LAB INSTRUCTOR	ECE	30
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17	S. ANANDAN	LAB TECHNICIAN	ECE	27
18	P. SOUNDARYA	PROGRAMMER	ECE	28
19	V. ARAVINDHAN	TECHNICAL ASSISTANT	ECE	27
20	R. MATHESH	LAB INSTRUCTOR	EEE	26
21	S. KANAGABRINTHA	LAB INSTRUCTOR	EEE	30
22	A. RAJAJI	LAB INSTRUCTOR	EEE	25
23	T. SAMPATHKUMAR	TECHNICAL ASSISTANT	EEE	25
24	P. KARTHIK	LAB INSTRUCTOR	EEE	AB
25	S. GOPALA KRISHNAN	TECHNICAL ASSISTANT	EEE	27
26	A.S. GEETHA	PROGRAMMER	IQAC	34
27	T. CHITRA	LAB INSTRUCTOR	IT	27
28	M. INDHUMATHI	LAB ASSISTANT	IT	27
29	E. SASIKUMAR	LAB INSTRUCTOR	IT	28
30	D. SENTHIL KUMAR	LAB INSTRUCTOR	MECH	25
31	S. ANDAL	PROGRAMMER	MECH	28
32	M. RAJESHKANNAN	LAB INSTRUCTOR	MECH	AB
33	N. SUGANYA	LAB ASSISTANT	MECH	28
34	S. KANNAN	PROGRAMMER	EXAM CELL	24
35	M. NITHYA	ASSISTANT	EXAM CELL	25
36	R. SURESH KUMAR	ASSISTANT LIBRARIAN	LIBRARY	31
37	M. NITHYA	ASSISTANT	LIBRARY	28
38	S. BHUVANESWARI	ASSISTANT	LIBRARY	29
39	JESMY DENNIS	ASSISTANT	LIBRARY	30
40	S. ARTHANAREESWARAN	ASSISTANT	T&P CELL	28

24/12/21 — Dept Coordinator

27/12/21 — IQAC Coordinator

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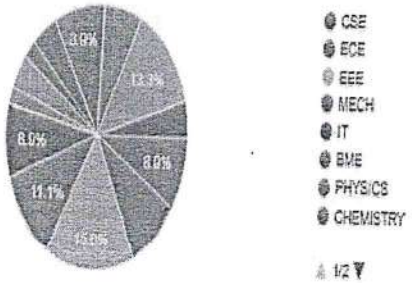
Feedback "Skill Development Programme for KSRIET Technical and Non Technical Staff on "MICROSOFT OFFICE TOOLS" in Association with HI TECH SYSTEM-TIRUCHENGODE

Date: 24.12.2021

Resource Persons: Mr. R. PRABHOU, PRESIDENT HI TECH SYSTEMS & Mr. T. SELVAPRABHU, AP/IT.

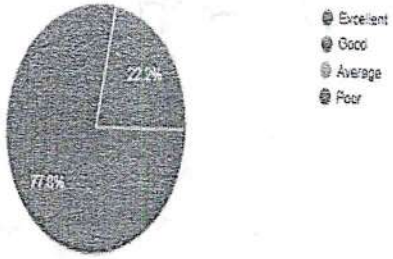
Department

45 responses



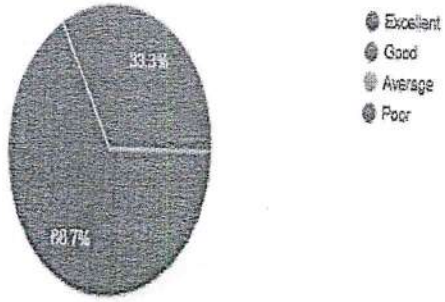
1. Rate the Usefulness of the contents of the Workshop

45 responses



2. Approach and Delivery of the Resource Persons

45 responses



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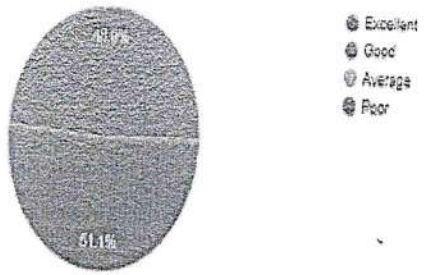
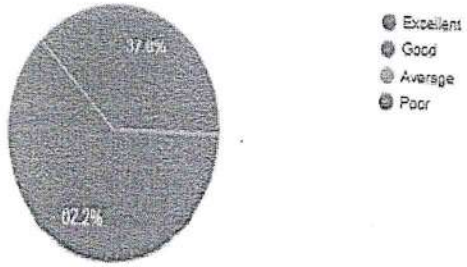
3. Effectiveness and Understanding Level of the program

45 responses



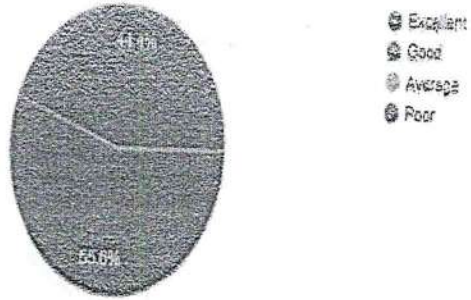
4. Rate the Question and Answer / Doubt Clarification Session

45 responses



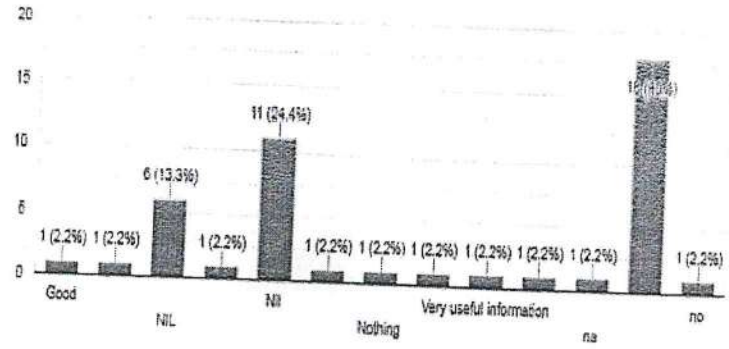
5. Rate the overall organization of the workshop

45 responses



Any other comments or suggestions for Improvement:

45 responses



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NAMAKKAL Dt. TAMIL NADU.

Feedback "Skill Development Programme for KSRIET Technical and Non Technical Staff on "MICROSOFT WORD" in Association with HI TECH SYSTEM-TIRUCHENGODE

Date: 23.12.2021
Resource Persons: Mr. R.PRABHOU, PRESIDENT HI TECH SYSTEMS & Mr.P.GOVINDARAJU HOD/ECE

E-Mail

senthil1051969

Name of the Staff with Designation (Eg: J.Arun, Lab Technician) *

D.Senthil kumar

2. Approach and Delivery of the Resource Persons *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

3. Effectiveness and Understanding Level of the program *

- ○ ...ellent
- ◉ Good
- ○ Average
- ○ Poor

4. Rate the Question and Answer / Doubt Clarification Session *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

Department *

- ○ CSE
- ○ ECE
- ○ EEE
- ◉ MECH
- ○ IT
- ○ BME
- ○ PHYSICS
- ○ CHEMISTRY
- ○ MATHS
- ○ ENGLISH
- ○ LIBRARY
- ○ EXAM CONTROL OFFICE
- ○ OFFICE
- ○ OTHER:

1. Rate the Usefulness of the contents of the Workshop *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

5. Rate the overall organization of the workshop *

- ○ Excellent
- ◉ Good
- ○ Average
- ○ Poor

Any other comments or suggestions for Improvement: *

good

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Feedback "Skill Development Programme for KSRIET Technical and Non Technical Staff on "MICROSOFT WORD" in Association with HI TECH SYSTEM-TIRUCHENGODE

Date: 23.12.2021
Resource Persons: Mr. R.PRABHOU, PRESIDENT HI-TECH SYSTEMS & MR.GOVINDARAJU HOD/ECE

E-Mail

soundhuashu1995@gmail.com

Name of the Staff with Designation (Eg: J.Arun Lab Technician) *

P Soundarya programmer

Department *

- CSE
- ECE
- EEE
- MECH
- IT
- BME
- PHYSICS
- CHEMISTRY
- MATHS
- ENGLISH
- LIBRARY
- EXAM CONTROL OFFICE
- OFFICE
- OTHER:

2. Approach and Delivery of the Resource Persons *

- Excellent
- Good
- Average
- Poor

3. Effectiveness and Understanding Level of the program *

- Excellent
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- Average
- Poor

Rate the Question and Answer / Doubt Clarification Session *

- Excellent
- Good
- Average
- Poor

1. Rate the Usefulness of the contents of the Workshop *

- Excellent
- Good
- Average
- Poor

5. Rate the overall organization of the workshop *

- Excellent
- Good
- Average
- Poor

Any other comments or suggestions for improvement: *

nil

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