



K S R Institute for Engineering and Technology

Tiruchengode, Namakkal (Dt), Tamil Nadu

(Approved by AICTE New Delhi & Affiliated to Anna University Chennai)

BE (CSE, EEE, ECE, Mech) & B.Tech (IT) Programmes are Accredited by NBA

3.3.3 Number of Books and Chapters in edited volumes Books published and Papers published in National International Conference Proceedings per teacher during last five years

INDEX

Academic Year	Number of Publications		Total
2019 - 2020	Books	11	122
	Conferences	111	
2018 - 2019	Books	-	155
	Conferences	155	
2017 - 2018	Books	10	191
	Conferences	181	
2016 - 2017	Books	12	83
	Conferences	71	
2015 - 2016	Books	6	51
	Conferences	45	

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per Teacher

ACADEMIC YEAR: 2019-2020

Book Publications

S.N O	NAME OF THE TEACHER	TITLE OF THE BOOK/CHAPTERS PUBLISHED	YEAR OF PUBLICATION	ISBN/ISSN NUMBER OF THE PROCEEDING	NAME OF THE PUBLISHER
1	Dr.M.Venkatesan	Computer Architecture and Organization	2019	978-9384 634-89-6	ARS Publications
2	Dr. P.Meenakshi Devi	Computer Architecture	2019	978-93-87255-56-2	ARS Publications
3	Dr. M.Vimaladevi	Cryptography and Network Security	2019	978-93-87670-78-6	Suchitra Publications Chennai
4	V.Prakasham	Cryptography and Network Security	2019	978-93-87670-78-6	Suchitra Publications Chennai
5	Dr. M.Vimaladevi	Big Data Analytics	2019	978-93-87670-74-7	Suchitra Publications Chennai
6	Dr. M.Vimaladevi	Compiler Design	2019	978-93-87670-73-0	Suchitra Publications Chennai
7	Dr. P.Meenakshi Devi	Computer Architecture and Organization	2019	978-9384 634-89-6	ARS Publications
8	Dr. P.Meenakshi Devi	Computer Architecture	2019	978-93-87255-56-2	ARS Publications
9	Dr.J.C.Kannan	Engineering Physics	2019	978-93-89051-63-6	The Charulatha Publications Chennai

10	Dr. V. Devabharathi	Engineering Physics	2019	978-93-89051-63-6	The Charulatha Publications Chennai
11	Dr. D.Madhan	Engineering Physics	2019	978-93-89051-63-6	The Charulatha Publications Chennai

Conference Publications

S.N O	NAME OF THE TEACHER	TITLE OF THE PAPER	TITLE OF THE PROCEEDINGS OF THE CONFERENCE	ISBN/ISSN NUMBER OF THE PROCEEDING	NAME OF THE PUBLISHER
1	Dr. B.Kalaavathi	Lung Tumor Classification and Detection from CT Scan Images using Deep Convolutional Neural Networks (DCNN)	2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE)	978-1-7281-3778-0	IEEE
2	Dr. B.Kalaavathi	Robotics and Automation	International Conference On AI	-	ICT Academy
3	Dr. B.Kalaavathi	Communication and Embedded System	International Conference On Signals	-	ICT Academy
4	Dr. B.Kalaavathi	High Performance and Edge Computing	International Conference On Advances in IOT	-	ICT Academy
5	Dr. B.Kalaavathi	Energy and Hybrid Vehicles	International Conference On Advances in Sensors	-	ICT Academy
6	Dr. B.Kalaavathi	Fake Currency Detection Using Image Processing	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
7	Dr.B.Kalaavathi	E-Directory Service Mobile Application	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

8	Dr. M.Vimala Devi	IOT Based Electrolyte Bottle For Healthcare	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
9	Dr. P.Vijayalakshmi	Smart F2C Profiling Based on Culticated Product Direct Marketing System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
10	Dr. P.Vijayalakshmi	Udhiram	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
11	Dr.M.Jaganathan	Waste Segregation Management Using IOT	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
12	Dr.M.Jaganathan	Application of Blockchain Technology in Finance and Accounting	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
13	V.Prakasham	Inter-Vlan With Nat in Cloud	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
14	R.Venkatesan	Better and Faster Emergency Care During Accidents and Vehicle	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
15	R.Venkatesan	Alumni Tracking System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

16	P.Jagadeesan	Automated Ration Distribution System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
17	V.Gopinath	Multivendor E-Commerce Website	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
18	R.Sathya Priya	Smart Helmet & Intelligent Bike System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
19	Dr. R.Jeyabharath	Artificial Intelligence Based Traffic Control System for Emergency Vehicles	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology
20	Dr. P. Veena	Artificial Intelligence Based Traffic Control System for Emergency Vehicles	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology
21	Dr. P. Veena	Online Remote Monitoring and Control of Windmill	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology
22	Dr.A . Murugasen	Intelligent Battery Management System for Electrical Vehicle	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology
23	T.Aravind	Driving License Based Bio-Authenticated Smart Vechicle	International Conference on Engineering and Technology	-	Selvam College of Technology
24	Dr.C.Santhakumar	Automatic Headlight Brightness Control in E-Vehicle	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology

25	C. Sivakumar	Energy Harvesting Using Piezoelectrical Array Sensor in Road Using IoT	National Conference on Computing Communication Technology and Science(NCCCT'20)	-	Muthayammal College of Engineering
26	R.Sacithraa	Zone based Speed Control in Electric Vehicle	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology
27	K. Meenatchi	Microcontroller based Automatic Plant Irrigation System	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology
28	Dr.T. Srihari	IoT Based Electric Vehicle Fast Charging with used Time of Tariff	Conference on Engineering and Technology (ICET 2020).	-	Selvam College of Technology
29	Dr.S.Velmurugan	Development of Smart Robot Car for Surveillance	International Conference on Engineering and Technology ICET-2020	-	Muthayammal College of Engineering
30	Dr.R.Nandakumar	Real Time Monitoring System for Aquaculture using IOT	International Conference on Engineering and Technology ICET-2021(2020)	-	Vignana Bharathi Institute of Technology, Hyderabad
31	Dr.R.Nandakumar	Real Time Monitoring System for Aquaculture using IOT	Second National Conference on Emerging Engineering and Technology	978-81-9456848-0-5	VR1 Publications
32	Dr.W.Deva Priya	Lane Departure Warning System	National Conference On "Challenges and opportunities In Industry 4.0 – COIN'2020	978-81-9456848-0-5	VR1 Publications

33	P.Govindaraju	Fingerprint based Medical Information and Online First Aid Recommender for Emergency	National Level Web Conference – Advanced Electrical Computing & Communication Technology (AECCT 2020)	-	Adithya Institute of Technology
34	P.Premkumar	Health Management of Crop Precision with Smart Farming Technologies with IOT	Second National Level conference on “Emerging Engineering and Technology”	-	Vignana Bharathi Institute of Technology, Hyderabad
35	S.Premalatha	An IOT Based Cloud System for Traffic Monitoring using Mobile Sensor Data Processing	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020	978-81-9456848-0-5	VR1 Publications
36	B.Latha	Smart Walking Stick for Visually Challenged People using Raspberry-Pi	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
37	T.Marthandan	Onboard Vehicle Air pollution Monitoring and Vehicle tracking System	National Conference On Signal Processing, Communication Computing and Networks	-	Bannari Institute of Technology
38	J.Divakaran	Automated Self Navigated Dustbin Dispensary System Smart Cities	IEEE sponsored 6th International E – conference on Latest trends in science, engineering and technology (ICLTSET)	-	Karpagam Institute of Technology
39	P.Mohana Sunthari	A Compact Multiband Self Isolated Antenna for 5G mm Wave Applications using MIMO	IEEE sponsored 6th International E – conference on Latest trends in science, engineering and technology (ICLTSET)	-	Karpagam Institute of Technology

40	V.Sindhuja	IOT Based Fertilizer Injector For Agricultural Plants with Analysing System	Second National Conference on Emerging Engineering and Technology	-	Vignana Bharathi Institute of Technology
41	P.Janani	Bio-metric Finger Print System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
42	B.Vinoth Kumar	Multipurpose Robots used in Agriculture	IEEE sponsored 6th International E – conference on Latest trends in science, engineering and technology (ICLTSET)	978-81-9456848-0-5	VR1 Publications
43	K.Venkatachalam	Bike LCD Home Security Alert System Using GSM	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
44	P. Premkumar	Health Management of Crop Precision with Smart Farming Technology using IOT	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
45	P.Govindaraju	Smart Real Time Drainage Monitoring and controlling System using Arduino	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
46	M.Udhayakumar	Accident Alert System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
47	P.Mohana Sunthari	A Compact Multiband Self Isolated Antenna for 5g Mm Wave Applications using MIMO	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

48	M.V.Mahesh	Automatic Pesticide Spraying Controller	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
49	J.Divakaran	Self Navigated Smart Dustbin for Smart Cities	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
50	V.Sindhuja	IOT Based Fertilizer Injector for Agricultural Plants with Analyzing System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
51	K.Venkatachalam	LCD Automatic College Bell Using Arduino Microcontroller	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
52	Mr.T.Marthandan	Vehicle Air Pollution Monitoring Tracking System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
53	Dr.Murugesan.P	Heat Transfer and Friction Factor Characteristics of Variant Plain Tapes Fitted in a Double Pipe Heat Exchanger	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
54	Dr.Murugesan.P	Heat Transfer and Friction Factor Characteristics of Variant Plain Tapes Fitted in a Double Pipe Heat Exchanger	Advanced Technology on Aerospace & Mechanical Engineering	-	C.S.I College of Engineeirng

55	Dr.Murugesan.P	Heat Transfer And Friction Factor Characteristics Of Variant Plain Tapes Fitted In A Double Pipe Heat Exchanger	International Conference on Science, Technology, Engineering and Management	-	KIT- Kalaigarkarunani dhi Institute of Technology, Coimbatore
56	Dr.P.Gopinath	Mechanical Characterization Of Chicken Egg Shell Reinforced Al7075 Matrix Composite	National Conference On "Challenges and opportunities In Industry 4.0 – COIN'2020	978-81-9456848-0-5	VR1 Publications
57	Dr.P.Gopinath	Testing and Evaluation of Mechanical Properties on Jute Fibre Plain Woven Fabric Composite Structures	Research Support Conclave	-	CIT - TLC , Coimbatore
58	Dr.P.Gopinath	Design And Experimental Investigation Of Properties Of Chicken Egg Shell Reinforced Al 6351 Matrix Composite	International Conference on Science, Technology, Engineering and Management	-	Kalaigarkarunathi Institute of Technology
59	Dr.R.Mani	Extraction Of Fuel From Waste Plastic Using Pyrolysis Process	National Conference On "Challenges and opportunities In Industry 4.0 – COIN'2020	978-81-9456848-0-5	VR1 Publications
60	Dr.R.Mani	Extraction Of Fuel From Waste Plastic Using Pyrolysis Process	International conference on Modern Engineering, Science and Technology	-	Dr.Kalam Institute of Engineering Research, Chennai

61	Dr.R.Mani	Design And Analysis Development Of Epoxy Resin Made Omnidirectional Wind Turbine	International Conference on Recent Developments in Material Science and Applications	-	Chennai institute of technology, Chennai
62	Dr.R.Mani	Design And Analysis Of Automatic Ground Nut Extraction Machine	International conference on Science, Technology, Engineering and Management	-	KIT- Kalaigarkarunani dhi Institute of Technology
63	Vasanthakumar.R	Heat Transfer And Friction Factor Characteristics Of Variant Twisted Tape Fitted In A Double Pipe Heat Exchanger	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
64	Vasanthakumar.R	Heat Transfer And Friction Factor Characteristics Of Variant Twisted Tape Fitted In A Double Pipe Heat Exchanger	International conference on Modern Engineering, Science and Technology	-	Dr.Kalam Institute of Engineering Research, Chennai
65	G.Anitha	Experimental Investigation And Mechanical Properties Analysis Of Aluminium Metal Matrix Of Tip 2 And Gr Reinforced Composite	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
66	G.Anitha	Design And Analysis Of Automatic Stretcher Cum Wheelchair With Lifting And Shifting Mechanism	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

67	Shanmugam M V	Design and Development of 3D Filament Extruder	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
68	M.V.Shanmugam	Design And Implementation of Bore Well Rescue System	National Conference On "Challenges and opportunities In Industry 4.0 – COIN'2020"	978-81-9456848-0-5	VR1 Publications
69	Shanmugam M V	Design And Implementation of Bore Well Rescue System	Advanced Technologies on Aerospace and Mechanical Engineering	-	CSI College of Engineering,ketti
70	Gopalakrishnan.K	Design And Implementation of Bore Well Rescue System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
71	K.Gopalakrishnan	Design And Fabrication of Automatic Box Packing Machine	International conference on Modern Engineering, Science and Technology	-	Dr.Kalam Institute of Engineering Research, Chennai
72	Gopalakrishnan.K	Design And Fabrication of Coconut De-Husking Machine	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	-	K S R Institute for Engineering and Technology
73	S.Balamurugan	Design and Analysis of Piston Coated with Ceramic Materials	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
74	Ponnusamy.S	Banana Leaf Cutting Machine using Hydraulic Power Pack	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

75	Mohanraj.A	Design & Analysis of Waste Heat Recovery in Domestic Refrigeration using R134a	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
76	Mohanraj.A	Design & Analysis of Waste Heat Recovery in Domestic Refrigeration using R134a	Advanced Technology on Aerospace & Mechanical Engineering	-	CSI College of Engineering
77	Mohanraj.A	Testing and Evaluation of Mechanical properties on jute Fibre Plain Woven Fabric Composite Structures	Research Support Conclave	-	CIT - TLC , Coimbatore
78	K.Velusamy	Design and Analysis of Connecting Rod using Different Alloy Material	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
79	K.Velusamy	Design and Analysis of Centrifugal Pump Impeller using CFD Analysis	International conference on Science , Technology, Engineering and Management	-	KIT- Kalaigarkarunani dhi Institute of Technology, Coimbatore
80	A. Premkumar	Design and Analysis of Chassis with Different Cross-section	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
81	Mohanavelan.S	Design & Analysis of Different Insulation Material Flat Plate Solar Air Dryer	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
82	Mohanavelan.S	Design & Analysis of Flat Plate Solar Air Dryer	Advanced Technology on Aerospace & Mechanical Engineering	-	C.S.I College of Engineeirng

83	P.Manikandan	Analysis of P2h Electric Vehicle Porsche Hybrid Vehicle	Advanced Technology on Aerospace & Mechanical Engineering	-	C.S.I College of Engineeirng
84	P.Manikandan	Design and Performance Analysis of P2H Electric Vehicle (Porsche hybrid Electric Two wheeler)	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
85	Chakravarthi P	Tribological and Micro Structural Analysis of Aluminium (LM6) Reinforced with Alumina and Silicon Carbide Micro Particles	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
86	S.Rajkumar	Design and Analysis of Automatic Slicing Tender Coconut	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
87	Rajkumar.S	Experimental Investigation on Friction and Wear Behaviour of Hybrid Copper Matrix Composites Synthesized by Powder Metallurgy	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

88	S.Rajkumar	Experimental Investigation on Friction and Wear Behaviour of Hybrid Copper Matrix Composites Synthesized by Powder Metallurgy	Advanced Technology on Aerospace & Mechanical Engineering	-	C.S.I College of engineering ,Ketti,ooty
89	S.Rajkumar	Design and Analysis of Automatic Slicing Tender Coconut	International Conference on Science,Technology, Engineering and Management	-	KIT- Kalaigarkarunani dhi Institute of Technology
90	Baskaran S	Design and Analysis of Automobile Leaf Spring for Various Cross Sections by using Different Composite Materials	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
91	J.Mathan	Design and Analysis of Composite Material using GFRP in Propeller Shaft	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
92	J.Mathan	Design and Analysis of Composite Material using GFRP in Propeller Shaft	Advanced Technology on Aerospace & Mechanical Engineering	-	C.S.I College of engineering ,Ketti,ooty
93	J.Mathan	Design and Automation of Coconut de-Husking Machine using Belt Conveyor	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

94	S.Rahul	Tribological Behaviour of Aluminium Hybrid Metal Matrix Composite Reinforced with Coconut Shell ash and Egg Shell Ash	Advanced Technologies on Aerospace & Mechanical Engineering	-	C.S.I College of Engineeirng
95	S.Rahul	Tribological Behaviour of Aluminium Hybrid Metal Matrix Composite Reinforced with Coconut Shell ash and Egg Shell Ash	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
96	S.Rahul	Tribological Behaviour Of Aluminium Hybrid Metal Matrix Composite Reinforced With Coconut Shell Ash And Egg Shell Ash	International Conference on Science, Technology, Engineering and Management	-	KIT- Kalaigarkarunani dhi Institute of Technology
97	P.Karthick	Design and Analysis of Sand Sieving Machine by using Composite Material	Advanced Technology on Aerospace & Mechanical Engineering	-	C.S.I College of engineeirng
98	P.Karthick	Design and Analysis of Sand Sieving Machine by using Composite Material	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
99	Dr.S.Russia	Scalable Content - Aware Collaborative Filtering for Location Recommendation	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications

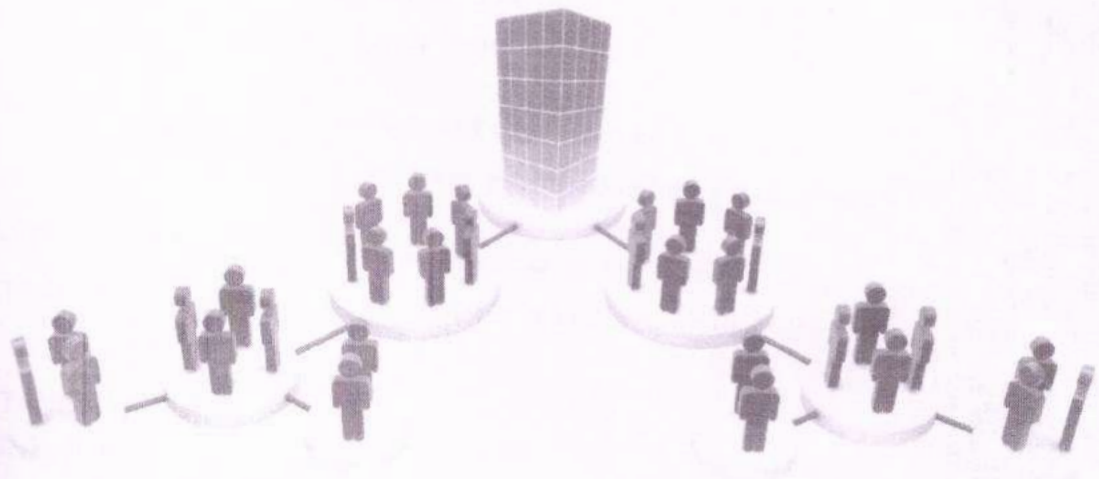
100	Dr. M.Dhurgadevi	Geo Sensor : Semanifying Change and Event Detection Over Big Data	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
101	P.S.Prakash Kumar	Ontology - Based Data Access to Big Data	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
102	P.S.Prakash Kumar	Blockchain Utilization in Healthcare : Key Requirements and Challenges	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
103	S.Nandhagopal	E- Farmer Self Service	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
104	K.G.Lavanya	Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis	International Conference on "Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things	—	K.S.Rangasamy College of Technology
105	D.Balakrishnan	Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis	International Conference on "Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things	—	K.S.Rangasamy College of Technology
106	D. Balakrishnan	An Web Application for Querying and Answering Coding Doubts	National Conference on Networking, Intelligence and Computing	—	Kongu Engineering College

107	D. Balakrishnan	An Android based Mobile Application for Food Ordering System	National Conference on Networking, Intelligence and Computing	–	Kongu Engineering College
108	P.Keerthana	Student Grievance Supported System	International Conference on Engineering and Technology	–	Selvam College of Technology
109	P.Keerthana	Student Grievance Supported System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
110	K.Gowsic	An Android Application for Hush-Hush Voting System	National Conference On "Challenges and Opportunities in Industry 4.0 - COIN 2020"	978-81-9456848-0-5	VR1 Publications
111	L.Priyanga Devi	Survey on Healthcare Hazard Control Responsibilities, Practice and Analysis	International Conference on "Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things	–	K.S.Rangasamy College of Technology

As per the Latest Syllabus of Anna University, Chennai (Regulation - 2017)

COMPUTER ARCHITECTURE AND ORGANIZATION

For B.E. V Semester ECE Branch



ARS PUBLICATIONS
CHENNAI.

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

ACKNOWLEDGEMENT

We are greatly indebted to **Lion. Dr. K. S. Rangasamy M.J.F.**, Chairman, K.S.R. Educational Institutions, for granting us an opportunity to write this book in a successful manner.

We would like to express our deep gratitude to our beloved Vice-Chairman **Mr.R.Srinivasan**, for his kind words and enthusiastic motivation in all our endeavors which inspires a lot in completing this book.

We are very much indebted to all our family members and our friends for their invaluable moral support at every stage of our work.

We thank all those who have helped us directly or indirectly in the successful completion of this book.

We would like to express our sincere thanks to A.R.S Publications for their support and help in publishing this book in a successful manner.

Dr.M.VENKATESAN
Dr.P.MEENAKSHI DEVI



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

Computer Architecture and Organization

Dr.M.VENKATESAN - Dr.P.MEENAKSHI DEVI

OUR OTHER USEFUL BOOKS
AS PER THE LATEST SYLLABUS OF ANNA UNIVERSITY

III SEMESTER ECE ENGINEERING BOOKS (REGULATION -2017)

FUNDAMENTALS OF DATA STRUCTURES IN C - A.NAGARATHINAM
ELECTRONIC CIRCUITS - I - K.BALAJI
DIGITAL ELECTRONICS - D.EDWIN DHAS
CONTROL SYSTEMS ENGINEERING - C.RAVIKUMAR, R.RADHA

IV SEMESTER ECE ENGINEERING BOOKS REGULATION- 2017

ELECTRONIC CIRCUITS II - Dr. B.S.SATHISHKUMAR,
A.P.PRABAKARAN
COMMUNICATION THEORY - Dr.G.THOLKAPPIA
M.ROJARAMANI
ELECTRO MAGNETIC THEORY - Dr.C.SENTHILKUMAR
C.SHANMUGARAJA
PSIVAKUMAR

ENVIRONMENTAL SCIENCE AND ENGINEERING - PRABUDEVARATHINAM

V SEMESTER ECE ENGINEERING BOOKS (REGULATION -2017)

DIGITAL COMMUNICATION - C.JAYASRI, CHITRAVALAVAN
DISCRETE-TIME SIGNAL PROCESSING - Dr. B.S.SATHISHKUMAR
COMMUNICATION NETWORKS - M.ANANDA KUMAR
OBJECT ORIENTED PROGRAMMING (ELECTIVE-I) - K.SRIRAMKUMAR, P.KRISHNA SANKAR
MEDICAL ELECTRONICS (ELECTIVE-I) - Dr.S.LATHA SHANMUGAVADIVU
OPERATING SYSTEMS (ELECTIVE-I) - R.SUDHA
TOTAL QUALITY MANAGEMENT (ELECTIVE-I) - Dr.M.S.GAYATHRI

Head Office:

A.R.S. PUBLICATIONS

11, Veerabhadra Nagar, 8th Street, 1 - II

Medavakkam, Chennai - 600 030

Tel : 044 - 4858742

Email :

For more information visit www.arspublications.com

**K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 219,
NAMAKKAL DISTRICT, TAMIL NADU.**

ISBN 978-93-84634-89-6

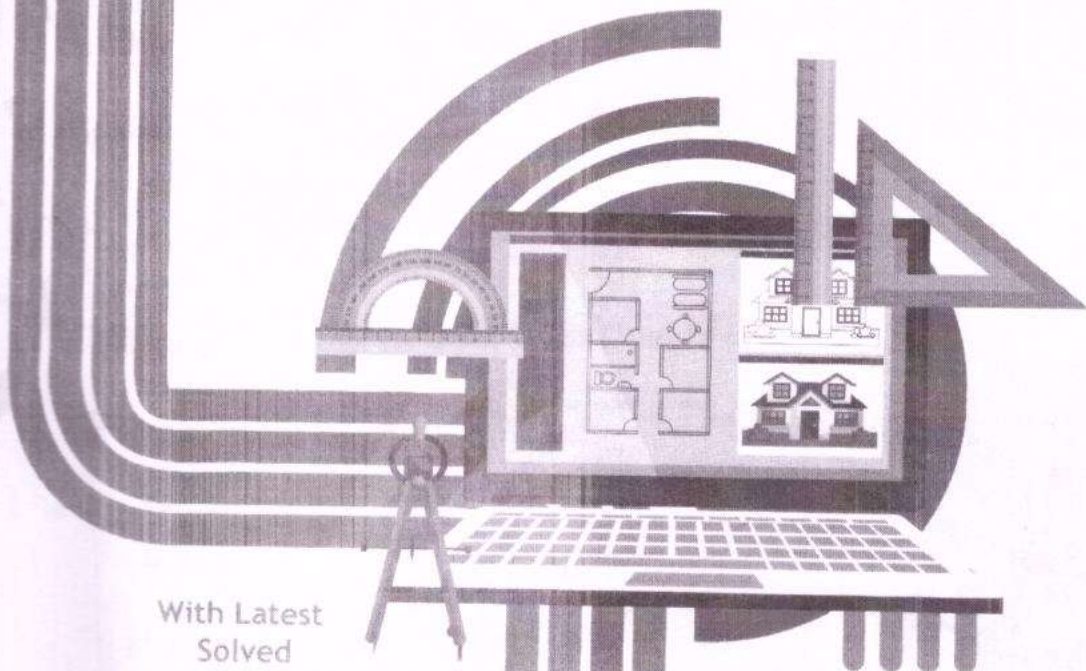


9 789384 634896

As per the Latest Syllabus of Anna University, Chennai (Regulation -2017)

COMPUTER ARCHITECTURE

For B.E. / B.Tech IV Semester CSE / IT Branches



With Latest
Solved
Anna University
Question Papers

ARS PUBLICATIONS
CHENNAI.

Dr.M.VENKATESAN
Dr.P.MEENAKSHI DEVI

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

ACKNOWLEDGEMENT

We are greatly indebted to *Lion. Dr. K. S. Rangasamy M.J.F.*, Chairman, K.S.R. Educational Institutions, for granting us an opportunity to write this book in a successful manner.

We would like to express our deep gratitude to our beloved Managing Trustee *Mr. R. Srinivasan*, for his kind words and enthusiastic motivation in all our endeavors which inspires a lot in completing this book.

We are very much indebted to all our family members and our friends for their invaluable moral support at every stage of our work.

We thank all those who have helped us directly or indirectly in the successful completion of this book.

We would like to express our sincere thanks to *A.R. Publications* for their support and help in publishing this book in a successful manner.

Dr.M.VENKATESAN
Dr.P.MEENAKSHI DEVI

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

COMPUTER ARCHITECTURE

Dr.M.VENKATESAN - Dr.P.MEENAKSHI DEVI

OUR OTHER USEFUL BOOKS
AS PER THE LATEST SYLLABUS OF ANNA UNIVERSITY

IV SEMESTER CSE ENGINEERING BOOKS - (REGULATION 2017)

DATABASE MANAGEMENT SYSTEM	- Dr.R.ALAGESWARAN, Dr.S.MIRUNA JOE AMALI
DESIGN AND ANALYSIS OF ALGORITHMS	- P.KRISHNA SANKAR, N.P.SHANGARANARAYANEE
OPERATING SYSTEMS	- R.SUDHA
SOFTWARE ENGINEERING	- R.SUDHA

V SEMESTER CSE ENGINEERING BOOKS - (REGULATION 2017)

ALGEBRA AND NUMBER THEORY	- K.KUMARASAMY
COMPUTER NETWORKS	- M.ANANDAKUMAR
MICROPROCESSOR AND MICROCONTROLLER	- Dr.L.BALAJI, A.DHANALAKSHMI
THEORY OF COMPUTATION	- K.KRISHNAKUMARI
OBJECT ORIENTED ANALYSIS AND DESIGN	- P.KRISHNA SANKAR, N.P.SHANGARANARAYANEE S.GANESAGURU
AIR POLLUTION AND CONTROL ENGINEERING	- S.GANESAGURU
BASICS OF BIOMEDICAL INSTRUMENTATION	- Dr.N.DHANASEKAR
SENSORS AND TRANSDUCERS	- Dr.K.B.BHASKAR

Head Office:

A.R.S. PUBLICATIONS

11, Veerabathra Nagar, 8th Street, Part - II

Medavakkam, Chennai - 600 105, Tamil Nadu, India

Tel : 044 - 48587467 Cell: 9840057186

Email: arsmenaga@gmail.com

For more information visit our website: www.arspublications.com

PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. P. KALVI NAGAR,
TIRUCHENGOORU - 607 215,
NAMAKKAL DT, TAMIL NADU

ISBN 978-93-87255-56-2



9 789387 255562

CRYPTOGRAPHY AND NETWORK SECURITY

For B.E. VII Semester CSE / B.Tech IT Branches

As per the Latest Syllabus of
Anna University, Chennai
(Regulations - 2017)

WITH 14 LAB
EXPERIMENTS

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

Dr. M. VIMALADEVI
Dr. S. SELVI
V. PRAKASHAM

SUCHITRA PUBLICATIONS
(A GROUP OF LAKSHMI PUBLICATIONS)

CRYPTOGRAPHY AND NETWORK SECURITY

Dr. M. VIMALADEVI
Dr. S. SELVI
V. PRAKASHAM

Our other useful Books As per the Latest Syllabus of Anna University

I SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Problem Solving and Python Programming - Dr. M. Vimaladevi

III SEMESTER CSE / IT BOOKS - REGULATIONS 2017

- Discrete Mathematics (CSE / IT) - J. Sakthivel
- Digital Principles and System Design (CSE / IT) - L. Gopinath
- Data Structures (CSE / IT) - Dr. K. Brindha
- Object Oriented Programming (CSE / IT) - R. Ruhin Kouser
- Object Oriented Programming (CSE / IT) - Dr. V. LathaJothi
- Communication Engineering (CSE / IT) - Dr. K. Muralibabu
- Analog and Digital Communication (IT) - Dr. K. Muralibabu

V SEMESTER CSE / IT BOOKS - REGULATIONS 2017

- Computer Networks (IT) - Dr. K. Muralibabu
- Microprocessors and Microcontrollers (CSE/IT) - L. Gopinath
- Software Engineering (IT) - R. Ruhin Kouser
- Object Oriented Analysis and Design (5th CSE/ 6th IT) - Dr. B. Thenkalvi
- Theory of Computation (CSE) - Dr. S.N. Sangeetha, C. Kotteeswari
- Geographic Information System (Open Elective - I) - M.S. Gowthaman

VII SEMESTER CSE / IT BOOKS - REGULATIONS 2017

- Principles of Management (CSE / IT) - Dr. G.K. Vijayaraghavan
- Cryptography and Networks Security (CSE/IT) - Dr.M. Vimaladevi, Dr.S. Selvi
- Cloud Computing (CSE/IT) - R. RuhinKouser
- Big Data Analysis (Prof. Elective-II) (7th CSE / 6th IT) - Dr. M. Vimaladevi
- Software Project Management (Prof. Elective-II CSE/IT) - Dr. V. Lathajothi
- Service Oriented Architecture (Prof. Elective-II CSE / IT) - Dr. V. Lathajothi
- Total Quality Management (Prof. Elective-II CSE / IT) - Dr. V. Jayakumar
- Multicore Architecture and Programming (Prof. Elective-III CSE) - R. Ruhinkouser
- Human Computer Interaction (Prof. Elective-III) - Dr. V. Lathajothi
- Disaster Management (Prof. Elective-III CSE / IT) - R. Ruthra, T.S. Pavithra
- Robotics (Open Elective-II) - Dr. P. Jaganathan

SUCHITRA PUBLICATIONS

Plot No.73, V.G.P. Gokul Nagar, 2nd Main Road, (40 Feet Road)
Perumbakkam, Chennai - 600 100, Tamil Nadu, India.
Phone: 044 - 4952 3977, Mobile : 9894 598 598
Email : lakshnipublication@gmail.com, suchitrapublications@gmail.com
Website : lakshnipublications.com

ISBN 978-93-87676-78-5



9 789387 670785

PRINCIPAL.

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY

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

CRYPTOGRAPHY AND NETWORK SECURITY

For B.E. VII Semester CSE / B.Tech IT Branches

As per the Latest Syllabus of
Anna University, Chennai
(Regulations - 2017)

WITH 14 LAB
EXPERIMENTS

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

Dr. M. VIMALADEVI
Dr. S. SELVI
V. PRAKASHAM

SUCHITRA PUBLICATIONS
(A GROUP OF LAKSHMI PUBLICATIONS)

CRYPTOGRAPHY AND NETWORK SECURITY

Dr. M. VIMALADEVI
Dr. S. SELVI
V. PRAKASHAM

Our other useful Books As per the Latest Syllabus of Anna University

I SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Problem Solving and Python Programming - Dr. M. Vimaladevi

III SEMESTER CSE / IT BOOKS - REGULATIONS 2017

- Discrete Mathematics (CSE / IT) - J. Sakthivel
- Digital Principles and System Design (CSE / IT) - L. Gopinath
- Data Structures (CSE / IT) - Dr. K. Brindha
- Object Oriented Programming (CSE / IT) - R. Ruhin Kouser
- Object Oriented Programming (CSE / IT) - Dr. V. LathaJothi
- Communication Engineering (CSE / IT) - Dr. K. Muralibabu
- Analog and Digital Communication (IT) - Dr. K. Muralibabu

V SEMESTER CSE / IT BOOKS - REGULATIONS 2017

- Computer Networks (IT) - Dr. K. Muralibabu
- Microprocessors and Microcontrollers (CSE/IT) - L. Gopinath
- Software Engineering (IT) - R. Ruhin Kouser
- Object Oriented Analysis and Design (5th CSE/ 6th IT) - Dr. B. Thenkalvi
- Theory of Computation (CSE) - Dr. S.N. Sangeetha, C. Kotteeswari
- Geographic Information System (Open Elective - I) - M.S. Gowthaman

VII SEMESTER CSE / IT BOOKS - REGULATIONS 2017

- Principles of Management (CSE / IT) - Dr. G.K. Vijayaraghavan
- Cryptography and Networks Security (CSE/IT) - Dr.M. Vimaladevi, Dr.S. Selvi
- Cloud Computing (CSE/IT) - R. RuhinKouser
- Big Data Analysis (Prof. Elective-II) (7th CSE / 6th IT) - Dr. M. Vimaladevi
- Software Project Management (Prof. Elective-II CSE/IT) - Dr. V. Lathajothi
- Service Oriented Architecture (Prof. Elective-II CSE / IT) - Dr. V. Lathajothi
- Total Quality Management (Prof. Elective-II CSE / IT) - Dr. V. Jayakumar
- Multicore Architecture and Programming (Prof. Elective-III CSE) - R. Ruhinkouser
- Human Computer Interaction (Prof. Elective-III) - Dr. V. Lathajothi
- Disaster Management (Prof. Elective-III CSE / IT) - R. Ruthra, T.S. Pavithra
- Robotics (Open Elective-II) - Dr. P. Jaganathan

SUCHITRA PUBLICATIONS

Plot No.73, V.G.P. Gokul Nagar, 2nd Main Road, (40 Feet Road)
Perumbakkam, Chennai - 600 100, Tamil Nadu, India.
Phone: 044 - 4952 3977, Mobile : 9894 598 598
Email : lakshnipublication@gmail.com, suchitrapublications@gmail.com
Website : lakshnipublications.com

ISBN 978-93-87676-78-5



9 789387 670785

PRINCIPAL.

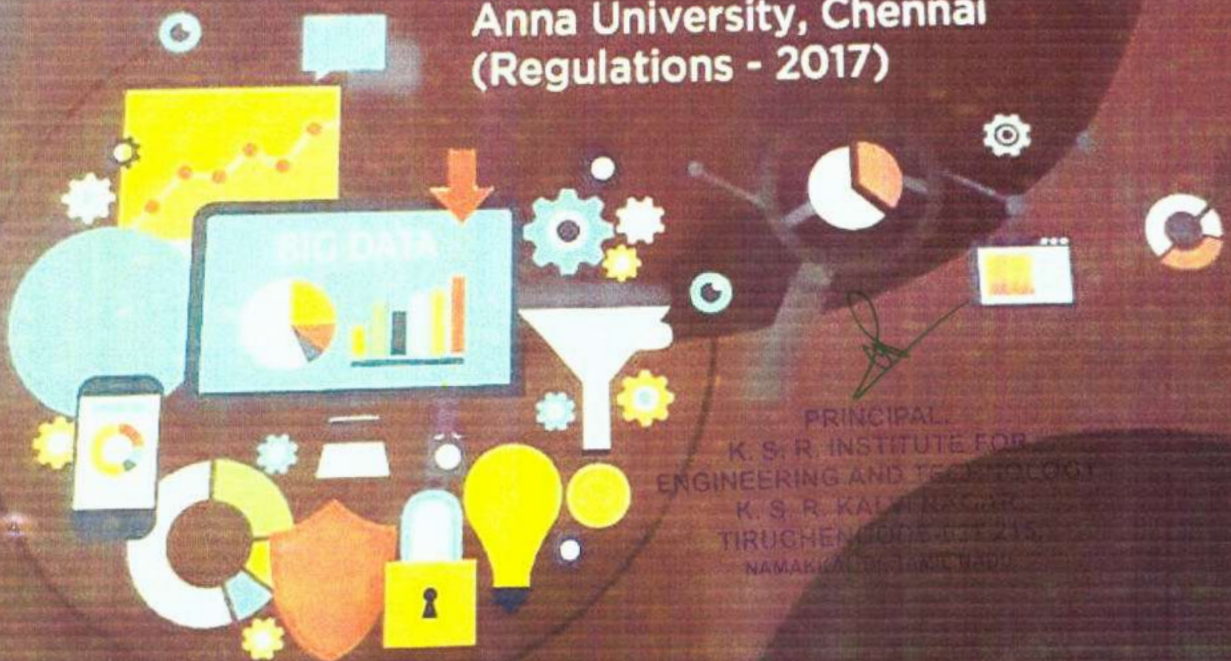
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY

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

BIG DATA ANALYTICS

For B.E. VI Semester IT Branch
For B.E. VII Semester CSE Branch
(Professional Elective - II)

As per the Latest Syllabus of
Anna University, Chennai
(Regulations - 2017)



PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K. S. R. KALANJASAR
TIRUCHENGOORE - 613 215
NAMAKKAL DISTRICT, TAMIL NADU

SUCHITRA PUBLICATIONS
(A GROUP OF LAKSHMI PUBLICATIONS)

Dr. M. VIMALADEVI
Dr. S. SELVI
Dr. V. KAVITHA

BIG DATA ANALYTICS

Dr. M. VIMALADEVI
Dr. S. SELVI
Dr. V. KAVITHA

Our other useful Books As per the Latest Syllabus of Anna University

II SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Basic Electrical, Electronics and Measurement Engineering (CSE/IT) - K. Balamaheswari
Environmental Science and Engineering (CSE/IT) - Dr. M. Sivakumar, Dr. R. Saravanan

IV SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Design and Analysis of Algorithms (CSE/IT) - K. Brindha
Computer Architecture (CSE/IT) - S. Kanimozhi
Software Engineering (CSE/IT) - R. Ruhinkouser
DataBase Management Systems - S.N.Sangeethaa, C.Kotteeswari
Operating Systems - R. Ruhinkouser

VI SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Internet Programming (CSE) - R. Ruhinkouser
Artificial Intelligence (CSE) - R. Ruhinkouser
Mobile Computing (CSE) - Dr. K. Muralibabu
Compiler Design (CSE) - M. Vimaladevi
Big Data Analytics (IT/CSE) - M. Vimaladevi
Distributed Systems (CSE/IT) - Dr. V. LathaJothi
Object Oriented Analysis and Design (IT) - Dr. B. Thenkalvi
Mobile Communication (IT) - Dr. K. Muralibabu
Software Testing (CSE/IT) (Prof. Elective - I) - R. Ruhinkouser
Data Warehousing and Data Mining (CSE) (Prof. Elective - I) - R. Ruhinkouser
Embedded Systems (CSE/IT) (Prof. Elective - I) - L. Gopinath

VIII SEMESTER CSE / IT BOOKS - REGULATIONS 2013

Multicore Architectures and Programming - R. Ruhinkouser
Soft Computing (6th IT / 8th CSE) - N. Anitha Devi
Service Oriented Architecture (IT) - Elective - I. Sakthi Devi
Professional Ethics in Engineering - Elective - Dr. V. Jayakumar
Total Quality Management - Elective - Dr. V. Jayakumar
Software Project Management - Elective - Dr. V. Latha Jothi
Human Computer Interaction (CSE/IT) - Dr. V. Latha Jothi, S. Sangeethaa
GraphTheory and Applications (IT) - Elective - J. Sakthivel

SUCHITRA PUBLICATIONS

Plot No.73, V.G.P. Gokul Nagar, 2nd Main Road, (40 Feet Road)
Perumbakkam, Chennai - 600 100, Tamil Nadu, India.
Phone: 044 4952 3977, Mobile : 9894 598 598
Email : lakshmipublication@gmail.com,
suchitrapublications@gmail.com
Website : lakshmipublication.com

ISBN 978-93-87670-74-7



9 789387 670747

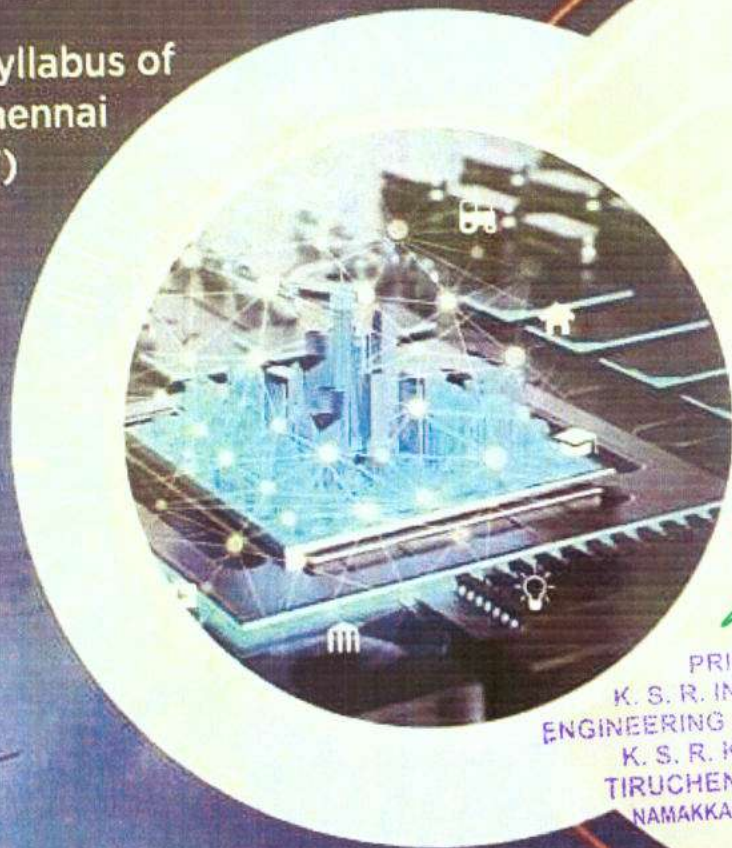
PRINCIPAL.

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

COMPILER DESIGN


For B.E. VI Semester CSE Branch

As per the Latest Syllabus of
Anna University, Chennai
(Regulations - 2017)



SUCHITRA PUBLICATIONS
(A GROUP OF LAKSHMI PUBLICATIONS)

Dr. M. VIMALADEVI
B. KIRUBA
M. MOHANASUNDARI


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

COMPILER DESIGN

Dr. M. VIMALADEVI
B. KIRUBA
M. MOHANASUNDARI

Our other useful Books As per the Latest Syllabus of Anna University

II SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Basic Electrical, Electronics and Measurement Engineering (CSE/IT) - K. Balamaheswari
Environmental Science and Engineering (CSE/IT) - Dr. M. Sivakumar, Dr. R. Saravanan

IV SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Design and Analysis of Algorithms (CSE/IT) - K. Brindha
Computer Architecture (CSE/IT) - S. Kanimozhi
Software Engineering (CSE/IT) - R. Ruhinkouser
DataBase Management Systems - S.N.Sangeethaa, C.Kotteeswari
Operating Systems - R. Ruhinkouser

VI SEMESTER CSE / IT BOOKS - REGULATIONS 2017

Internet Programming (CSE) - R. Ruhinkouser
Artificial Intelligence (CSE) - R. Ruhinkouser
Mobile Computing (CSE) - Dr. K. Muralibabu
Compiler Design (CSE) - M. Vimaladevi
Big Data Analytics (IT/CSE) - M. Vimaladevi
Distributed Systems (CSE/IT) - Dr. V. LathaJothi
Object Oriented Analysis and Design (IT) - Dr. B. Thenkalvi
Mobile Communication (IT) - Dr. K. Muralibabu
Software Testing (CSE/IT) (Prof. Elective - I) - R. Ruhinkouser
Data Warehousing and Data Mining (CSE) (Prof. Elective - I) - R. Ruhinkouser
Embedded Systems (CSE/IT) (Prof. Elective - I) - L. Gopinath

VIII SEMESTER CSE / IT BOOKS - REGULATIONS 2013

Multicore Architectures and Programming - R. Ruhinkouser
Soft Computing (6th IT / 8th CSE) - N. Anitha Devi
Service Oriented Architecture (IT) - Elective - I. Sakthi Devi
Professional Ethics in Engineering - Elective - Dr. V. Jayakumar
Total Quality Management - Elective - Dr. V. Jayakumar
Software Project Management - Elective - Dr. V. Latha Jothi
Human Computer Interaction (CSE/IT) - Dr. V. Latha Jothi, S. Sangeethaa
Graph Theory and Applications (IT) - Elective - J. Sakthivel

PRINCIPAL,

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

SUCHITRA PUBLICATIONS

Plot No.73, V.G.P. Gokul Nagar, 2nd Main Road, (40 Feet Road)
Perumbakkam, Chennai - 600 100, Tamil Nadu, India.
Phone: 044 4952 3977, Mobile : 9894 598 598
Email : lakshmipublication@gmail.com,
suchitrapublications@gmail.com
Website : lakshmipublication.com

ISBN 978-93-87670-73-0

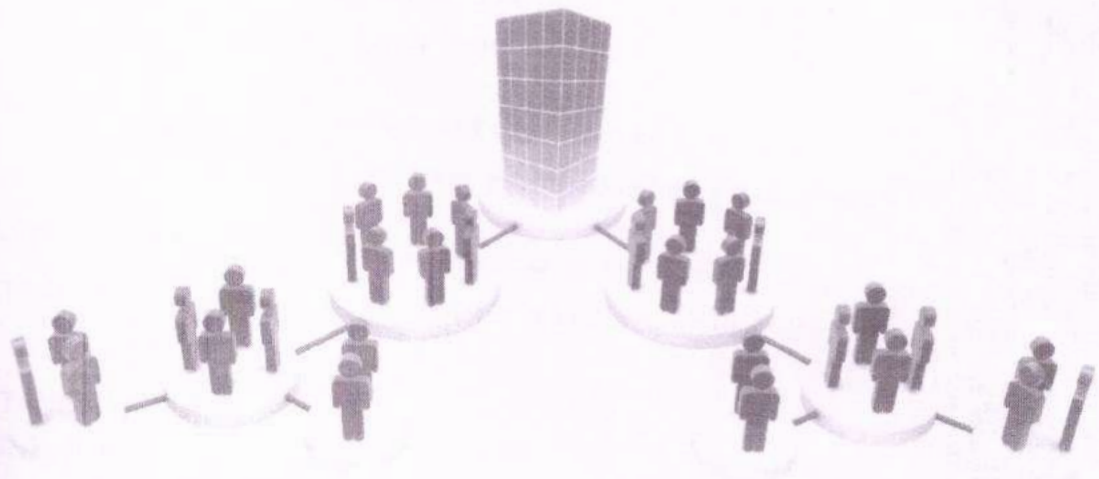


9 789387 670730

As per the Latest Syllabus of Anna University, Chennai (Regulation - 2017)

COMPUTER ARCHITECTURE AND ORGANIZATION

For B.E. V Semester ECE Branch



ARS PUBLICATIONS
CHENNAI.

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

ACKNOWLEDGEMENT

We are greatly indebted to **Lion. Dr. K. S. Rangasamy M.J.F.**, Chairman, K.S.R. Educational Institutions, for granting us an opportunity to write this book in a successful manner.

We would like to express our deep gratitude to our beloved Vice-Chairman **Mr.R.Srinivasan**, for his kind words and enthusiastic motivation in all our endeavors which inspires a lot in completing this book.

We are very much indebted to all our family members and our friends for their invaluable moral support at every stage of our work.

We thank all those who have helped us directly or indirectly in the successful completion of this book.

We would like to express our sincere thanks to A.R.S Publications for their support and help in publishing this book in a successful manner.

Dr.M.VENKATESAN
Dr.P.MEENAKSHI DEVI



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

Computer Architecture and Organization

Dr.M.VENKATESAN - Dr.P.MEENAKSHI DEVI

OUR OTHER USEFUL BOOKS
AS PER THE LATEST SYLLABUS OF ANNA UNIVERSITY

III SEMESTER ECE ENGINEERING BOOKS (REGULATION -2017)

FUNDAMENTALS OF DATA STRUCTURES IN C - A.NAGARATHINAM
ELECTRONIC CIRCUITS - I - K.BALAJI
DIGITAL ELECTRONICS - D.EDWIN DHAS
CONTROL SYSTEMS ENGINEERING - C.RAVIKUMAR, R.RADHA

IV SEMESTER ECE ENGINEERING BOOKS REGULATION- 2017

ELECTRONIC CIRCUITS II - Dr. B.S.SATHISHKUMAR,
A.P.PRABAKARAN
COMMUNICATION THEORY - Dr.G.THOLKAPPIA
M.ROJARAMANI
ELECTRO MAGNETIC THEORY - Dr.C.SENTHILKUMAR
C.SHANMUGARAJA
PSIVAKUMAR
ENVIRONMENTAL SCIENCE AND ENGINEERING - PRABUDEVARATHINAM

V SEMESTER ECE ENGINEERING BOOKS (REGULATION -2017)

DIGITAL COMMUNICATION - C.JAYASRI, CHITRAVALAVAN
DISCRETE-TIME SIGNAL PROCESSING - Dr. B.S.SATHISHKUMAR
COMMUNICATION NETWORKS - M.ANANDA KUMAR
OBJECT ORIENTED PROGRAMMING (ELECTIVE-I) - K.SRIRAMKUMAR, P.KRISHNA SANKAR
MEDICAL ELECTRONICS (ELECTIVE-I) - Dr.S.LATHA SHANMUGAVADIVU
OPERATING SYSTEMS (ELECTIVE-I) - R.SUDHA
TOTAL QUALITY MANAGEMENT (ELECTIVE-I) - Dr.M.S.GAYATHRI

Head Office:

A.R.S. PUBLICATIONS

11, Veerabhadra Nagar, 8th Street, 1 - II

Medavakkam, Chennai - 600 030

Tel : 044 - 4858747

Email : arspublications@gmail.com

For more information visit www.arspublications.com

**K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 219,
NAMAKKAL DISTRICT, TAMIL NADU.**

ISBN 978-93-84634-89-6

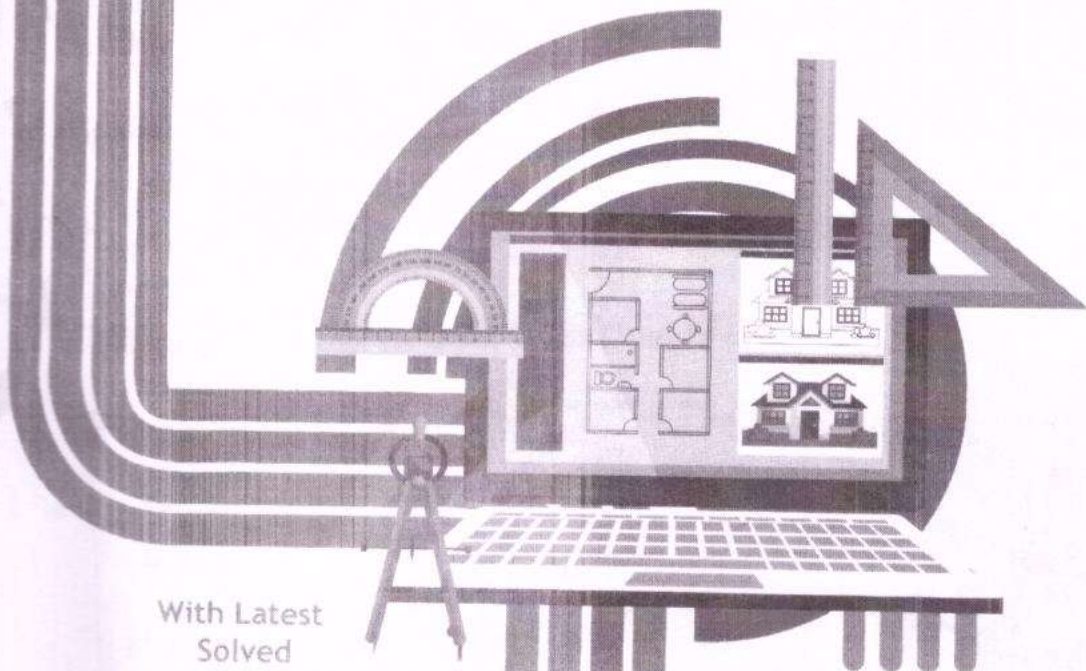


9 789384 634896

As per the Latest Syllabus of Anna University, Chennai (Regulation -2017)

COMPUTER ARCHITECTURE

For B.E. / B.Tech IV Semester CSE / IT Branches



With Latest
Solved
Anna University
Question Papers

ARS PUBLICATIONS
CHENNAI.

Dr.M.VENKATESAN
Dr.P.MEENAKSHI DEVI

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

ACKNOWLEDGEMENT

We are greatly indebted to *Lion. Dr. K. S. Rangasamy M.J.F.*, Chairman, K.S.R. Educational Institutions, for granting us an opportunity to write this book in a successful manner.

We would like to express our deep gratitude to our beloved Managing Trustee *Mr. R. Srinivasan*, for his kind words and enthusiastic motivation in all our endeavors which inspires a lot in completing this book.

We are very much indebted to all our family members and our friends for their invaluable moral support at every stage of our work.

We thank all those who have helped us directly or indirectly in the successful completion of this book.

We would like to express our sincere thanks to *A.R. Publications* for their support and help in publishing this book in a successful manner.

Dr.M.VENKATESAN
Dr.P.MEENAKSHI DEVI

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

COMPUTER ARCHITECTURE

Dr.M.VENKATESAN - Dr.P.MEENAKSHI DEVI

OUR OTHER USEFUL BOOKS
AS PER THE LATEST SYLLABUS OF ANNA UNIVERSITY

IV SEMESTER CSE ENGINEERING BOOKS - (REGULATION 2017)

DATABASE MANAGEMENT SYSTEM	- Dr.R.ALAGESWARAN, Dr.S.MIRUNA JOE AMALI
DESIGN AND ANALYSIS OF ALGORITHMS	- P.KRISHNA SANKAR, N.P.SHANGARANARAYANEE
OPERATING SYSTEMS	- R.SUDHA
SOFTWARE ENGINEERING	- R.SUDHA

V SEMESTER CSE ENGINEERING BOOKS - (REGULATION 2017)

ALGEBRA AND NUMBER THEORY	- K.KUMARASAMY
COMPUTER NETWORKS	- M.ANANDAKUMAR
MICROPROCESSOR AND MICROCONTROLLER	- Dr.L.BALAJI, A.DHANALAKSHMI
THEORY OF COMPUTATION	- K.KRISHNAKUMARI
OBJECT ORIENTED ANALYSIS AND DESIGN	- P.KRISHNA SANKAR, N.P.SHANGARANARAYANEE S.GANESAGURU
AIR POLLUTION AND CONTROL ENGINEERING	- S.GANESAGURU
BASICS OF BIOMEDICAL INSTRUMENTATION	- Dr.N.DHANASEKAR
SENSORS AND TRANSDUCERS	- Dr.K.B.BHASKAR

Head Office:

A.R.S. PUBLICATIONS

11, Veerabathra Nagar, 8th Street, Part - II
Medavakkam, Chennai - 600 105, Tamil Nadu, India
Tel : 044 - 48587467 Cell: 9840055186

Principal
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. P. KALVI NAGAR,
TIRUCHENGOORU - 607 215,
NAMAKKAL DT, TAMIL NADU



Engineering Physics

Dr. J. C. Kannan
Dr. V. Devabharati
Dr. D. Madhan

Engineering Physics

Regulation 2017



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company



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

1st SEMESTER (2017 REGULATION)

Problem Solving & Python Programming
Communicative English
Engineering Mathematics - 1
Engineering Physics
Engineering Chemistry
Engineering Graphics

3rd SEMESTER (2017 REGULATION)

CSE
Digital Principles & System Design
Data Structures
Object Oriented Programming
Communication Engineering

IT
Digital Principles & System Design
Data Structures
Object Oriented Programming

EEE
Transforms & Partial Differential Equations
Digital Logic Circuits
Electrical Machines - 1
Electronic Devices & Circuits
Power Plant Engineering

ECE
Fundamentals of Data Structures in C
Digital Electronics
Signals & Systems
Controls System Engineering

CIVIL
ENGINEERING GEOLOGY

5th SEMESTER (2017 REGULATION)

CSE
Computer Networks
Microprocessors & Microcontrollers
Theory of Computation
Object Oriented Analysis & Design

IT
Computer Networks
Microprocessors & Microcontrollers
Software Engineering

ECE
Digital Communication
Computer Architecture & Organization
Communication Networks
Object Oriented Programming
Medical Electronics

EEE
Power System Analysis
Microprocessors & Microcontrollers
Power Electronics
Object Oriented Programming

7th SEMESTER (2017 REGULATION)

CSE
Principles of Management
Cryptography & Network Security
Cloud Computing
Big Data Analytics
Machine Learning Techniques
Software Project Management
Internet of Things
Service Oriented Architecture
Multicore Architecture Programming
Human Computer Interaction

IT

Principles of Management
Cryptography & Network Security
Cloud Computing
Machine Learning Techniques
Internet of Things
Software Project Management
Service Oriented Architecture

ECE

Antennas & Microwave Engineering
Optical Communication
Embedded & Real Time Systems
Ad hoc & Wireless Sensor Networks
Advanced Wireless Communication
Cognitive Radio

EEE

Principles of Management
Power System Transient
Power Electronics
Renewable Energy Systems
Renewable Energy Sources
High Voltage Engineering

CIVIL

RAILWAYS AIRPORTS DOCKS AND
HARBOUR ENGINEERING

ELECTIVES

Geographical Information System
Basics of Biomedical Instrumentation
Medical Electronics



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company

Old No.22/1, New No.52/1, Babu Rajendra Prasad 1st Street,
West Mambalam, Chennai - 33.

Mobile : 93453 81624 / 98848 19497 / 99404 45319 / 044-79640499

Email : thecharulathapublicationsit@gmail.com

ISBN-13: 978-93-89051-63-6



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

Engineering Physics

Dr. J. C. Kannan
Dr. V. Devabharati
Dr. D. Madhan

Engineering Physics

Regulation 2017



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company



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

1st SEMESTER (2017 REGULATION)

Problem Solving & Python Programming
Communicative English
Engineering Mathematics - 1
Engineering Physics
Engineering Chemistry
Engineering Graphics

3rd SEMESTER (2017 REGULATION)

CSE
Digital Principles & System Design
Data Structures
Object Oriented Programming
Communication Engineering

IT
Digital Principles & System Design
Data Structures
Object Oriented Programming

EEE
Transforms & Partial Differential Equations
Digital Logic Circuits
Electrical Machines - 1
Electronic Devices & Circuits
Power Plant Engineering

ECE
Fundamentals of Data Structures in C
Digital Electronics
Signals & Systems
Controls System Engineering

CIVIL
ENGINEERING GEOLOGY

5th SEMESTER (2017 REGULATION)

CSE
Computer Networks
Microprocessors & Microcontrollers
Theory of Computation
Object Oriented Analysis & Design

IT
Computer Networks
Microprocessors & Microcontrollers
Software Engineering

ECE
Digital Communication
Computer Architecture & Organization
Communication Networks
Object Oriented Programming
Medical Electronics

EEE
Power System Analysis
Microprocessors & Microcontrollers
Power Electronics
Object Oriented Programming

7th SEMESTER (2017 REGULATION)

CSE
Principles of Management
Cryptography & Network Security
Cloud Computing
Big Data Analytics
Machine Learning Techniques
Software Project Management
Internet of Things
Service Oriented Architecture
Multicore Architecture Programming
Human Computer Interaction

IT

Principles of Management
Cryptography & Network Security
Cloud Computing
Machine Learning Techniques
Internet of Things
Software Project Management
Service Oriented Architecture

ECE

Antennas & Microwave Engineering
Optical Communication
Embedded & Real Time Systems
Ad hoc & Wireless Sensor Networks
Advanced Wireless Communication
Cognitive Radio

EEE

Principles of Management
Power System Transient
Power Electronics
Renewable Energy Systems
Renewable Energy Sources
High Voltage Engineering

CIVIL

RAILWAYS AIRPORTS DOCKS AND
HARBOUR ENGINEERING

ELECTIVES

Geographical Information System
Basics of Biomedical Instrumentation
Medical Electronics



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company

Old No.22/1, New No.52/1, Babu Rajendra Prasad 1st Street,
West Mambalam, Chennai - 33.

Mobile : 93453 81624 / 98848 19497 / 99404 45319 / 044-79640499

Email : thecharulathapublicationsit@gmail.com

ISBN-13: 978-93-89051-63-6



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

Engineering Physics

Dr. J. C. Kannan
Dr. V. Devabharati
Dr. D. Madhan

Engineering Physics

Regulation 2017



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company



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

1st SEMESTER (2017 REGULATION)

Problem Solving & Python Programming
Communicative English
Engineering Mathematics - 1
Engineering Physics
Engineering Chemistry
Engineering Graphics

3rd SEMESTER (2017 REGULATION)

CSE
Digital Principles & System Design
Data Structures
Object Oriented Programming
Communication Engineering

IT
Digital Principles & System Design
Data Structures
Object Oriented Programming

EEE
Transforms & Partial Differential Equations
Digital Logic Circuits
Electrical Machines - 1
Electronic Devices & Circuits
Power Plant Engineering

ECE
Fundamentals of Data Structures in C
Digital Electronics
Signals & Systems
Controls System Engineering

CIVIL
ENGINEERING GEOLOGY

5th SEMESTER (2017 REGULATION)

CSE
Computer Networks
Microprocessors & Microcontrollers
Theory of Computation
Object Oriented Analysis & Design

IT
Computer Networks
Microprocessors & Microcontrollers
Software Engineering

ECE
Digital Communication
Computer Architecture & Organization
Communication Networks
Object Oriented Programming
Medical Electronics

EEE
Power System Analysis
Microprocessors & Microcontrollers
Power Electronics
Object Oriented Programming

7th SEMESTER (2017 REGULATION)

CSE
Principles of Management
Cryptography & Network Security
Cloud Computing
Big Data Analytics
Machine Learning Techniques
Software Project Management
Internet of Things
Service Oriented Architecture
Multicore Architecture Programming
Human Computer Interaction

IT

Principles of Management
Cryptography & Network Security
Cloud Computing
Machine Learning Techniques
Internet of Things
Software Project Management
Service Oriented Architecture

ECE

Antennas & Microwave Engineering
Optical Communication
Embedded & Real Time Systems
Ad hoc & Wireless Sensor Networks
Advanced Wireless Communication
Cognitive Radio

EEE

Principles of Management
Power System Transient
Power Electronics
Renewable Energy Systems
Renewable Energy Sources
High Voltage Engineering

CIVIL

RAILWAYS AIRPORTS DOCKS AND
HARBOUR ENGINEERING

ELECTIVES

Geographical Information System
Basics of Biomedical Instrumentation
Medical Electronics



THE CHARULATHA PUBLICATIONS

Books & IT Solutions Company

Old No.22/1, New No.52/1, Babu Rajendra Prasad 1st Street,
West Mambalam, Chennai - 33.

Mobile : 93453 81624 / 98848 19497 / 99404 45319 / 044-79640499

Email : thecharulathapublicationsit@gmail.com

ISBN-13: 978-93-89051-63-6



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



All



ADVANCED SEARCH

Conferences > 2019 International Conference...

Lung Tumor Classification and Detection from CT Scan Images using Deep Convolutional Neural Networks (DCNN)

Publisher: IEEE

Cite This

PDF

N. Mohanapriya ; B. Kalavathi ; T. senthil Kuamr All Authors

188 Full Text Views



Alerts

Manage Content Alerts

Add to Citation Alerts

More Like This

Study of Medical Image Processing Techniques Applied to Lung Cancer
2019 14th Iberian Conference on Information Systems and Technologies (CISTI)
Published: 2019

A Deep Model for Lung Cancer Type Identification by Densely Connected Convolutional Networks and Adaptive Boosting
IEEE Access
Published: 2020

Show More

Abstract



Download PDF

Document Sections

I. INTRODUCTION

II. RELATED WORK

III. PROPOSED WORK:

IV. RESULT AND DISCUSSION

V. CONCLUSION AND FUTURE WORK

Authors

Figures

Abstract:Lung cancer is life-threatening diseases and it now affects all people regardless of gender. Precise lung tumor classification helps to diagnosis lung cancer early, which... [View more](#)

Metadata

Abstract: Lung cancer is life-threatening diseases and it now affects all people regardless of gender. Precise lung tumor classification helps to diagnosis lung cancer early, which decreases the rate of death of lung cancer, but it is hard to detect early. Harmless or malignant is known as a lung tumor. It is innocuous when the tumor cells were healthy, when the cells are abnormal and can grow hysterically, they are cancerous cells, and the tumor is in curable. A classifier based on Deep Convolutional Neural Networks (DCNN), which classifies the lung tumor composed of different fully connected pooling and Convolutional layers. Three architectures were defined for DCNN classifier each one is trained with different patch size. DCNN is applied to the CT image for

PRINCIPAL,
K. S. R. INSTITUTE F
ENGINEERING AND TECH
K. S. R. KALVI NAC
TIRUCHENGODE-63
NAMAKKAL DL. TAMIL N...

References
Keywords
Metrics
More Like This

classification of benign and malignant lung tumor. The proposed architectures were examined on the LIDC database and cross checked with other classifiers result such as Artificial Neural Network Simulation result presents DCNN classifier achieves better performance.

Published in: 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE)

Date of Conference: 11-12 Dec. 2019 **INSPEC Accession Number:** 19379756

Date Added to IEEE Xplore: 20 February 2020 **DOI:** 10.1109/ICCIKE47802.2019.9004247

Publisher: IEEE

▼ **ISBN Information:**

Electronic ISBN: 978-1-7281-3778-0

Print on Demand (PoD)

ISBN: 978-1-7281-3779-7

Conference Location: Dubai, United Arab Emirates

☰ Contents

I. INTRODUCTION

Recent statistics from the world health institutions demonstrate that approximately 7.6 million people die every year in the world due to cancer. In regards, it is expected which cancer mortality will continue to rise to around 18 million worldwide in 2030. The main causes of death are Lung cancer mortality rate is counting for about 27% of all deaths from cancer [2]. The death of the lung cancer patients' numbers is more than that of breast cancer. Due to lack of literacy towards lung cancer, the possibility of detecting the disease is harder at the early stage. In other words, at the time of detection, already the disease reach to its advance stage [3]. The stages of lung cancer can be classified as first and second stage. The First stage refers to tumor presents only in limited area and the second stage is tumors that expand over to various body parts. Deep learning algorithms, especially DCNN, have rapidly become a popular methodology for processing medical images as well, including detection of medical problems, Feature Extraction, segmentation, and classification.

PRINCIPAL
K. S. R. INSTITUTE
ENGINEERING AND TEC
K. S. R. KALVI NA
TIRUCHENGODE-6
NAMAKKAL DI, TAMIL

Authors	▼
Figures	▼
References	▼
Keywords	▼
Metrics	▼

IEEE Personal Account

Purchase Details

Profile Information

Need Help?

Follow

CHANGE USERNAME/PASSWORD

PAYMENT OPTIONS

COMMUNICATIONS PREFERENCES

US & CANADA: +1 800 678 4333

f in

VIEW PURCHASED DOCUMENTS

PROFESSION AND EDUCATION

WORLDWIDE: +1 732 981 0060



**GLOBALTECHNOLOGY
FORUM 2020**

Certificate of Participation

This is to certify that

DR.KALAAVATHI BUVANESHWARAN

has participated in

International Conference on AI, Robotics and Automation

Organized by ICT Academy, held between 14 - 18 Oct 2020

Supported by



M Sivakumar
CEO, ICT Academy
GTF2020 Patron Member

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

Dr B Anbuthambji
President, ICT Academy
GTF2020 GTAC Member

Under the Guidance of



Department of Information Technology
Government of Tamil Nadu



GLOBALTECHNOLOGY
FORUM 2020

Organised by



ICT ACADEMY
OF TAMIL NADU

Certificate of Participation

This is to certify that

DR.KALAAVATHI BUVANESHWARAN

has participated in

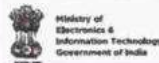
International Conference on Signals, Communication and Embedded Systems

Organized by ICT Academy, held between 14 - 18 Oct 2020

PRINCIPAL.

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

Supported by




M Sivakumar
CEO, ICT Academy
GTF2020 Patron Member

Dr B Anbuthambi
President, ICT Academy
GTF2020 GTAC Member

Under the Guidance of

Department of Information Technology
Government of Tamil Nadu


**GLOBALTECHNOLOGY
FORUM 2020**

Organised by

**ICTACADEMY
OF TAMIL NADU**

Certificate of Participation

This is to certify that

DR.KALAAVATHI BUVANESHWARAN

has participated in


International Conference on Advances in IOT, High Performance and Edge Computing

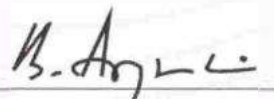
Organized by ICT Academy, held between 14 - 18 Oct 2020

Supported by




M Sivakumar
CEO, ICT Academy
GTF2020 Patron Member


PRINCIPAL,
K.S.R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALVINAGAR,
TIRUCHENG ODE-637 215,
NAMAKKAL Dt. TAMIL NADU.


Dr B Anbuthambi
President, ICT Academy
GTF2020 GTAC Member

Under the Guidance of



Department of Information Technology
Government of Tamil Nadu



GLOBALTECHNOLOGY
FORUM 2020

Organised by



ICT.ACADEMY
OF TAMIL NADU

Certificate of Participation

This is to certify that

DR.KALAAVATHI BUVANESHWARAN

has participated in

International Conference on Advances in Sensors, Energy and Hybrid vehicles

Organized by ICT Academy, held between 14 - 18 Oct 2020

Supported by



M Sivakumar
CEO, ICT Academy
GTF2020 Patron Member

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

Dr B Anbuthambi
President, ICT Academy
GTF2020 GTAC Member

FAKE CURRENCY DETECTION USING IMAGE PROCESSING

Dr.B.Kalaavathi¹ **S.Stelin bercia²** **P.Indira priyadharshini³** **V.Priyanka⁴** **S.Venmathi⁵**

Professor & Head¹, UG Scholar^{2,3,4,5}

Department of Computer Science and Engineering

K S R Institute for Engineering and Technology.

Abstract - Fake currency has always been an issue which has created a lot of problem in the market. These issues faced throughout the world in particular affecting the economy of almost every country including India. Counterfeiting money stands for the illegal copying of original currency without the legal sanction of the state or government; hence counterfeit currency is a fake currency that has not been authorized by the government. RBI is the only bank to publish currency notes in India. . In the course of recent years, because of the enormous innovative advances in shading printing, copying and examining, falsifying issues have turned out to be increasingly genuine. The rising technological advancement has made the opportunity for creating more forged currency. Producing counterfeit money is a form of fraud or forgery. Printing of Fake notes of Rs.100, 500 and 1000 exists already there but after the demonetization, the counterfeit notes of new Rs.50,200,500,2000 have also come which effects the country's economic growth. The approach consists of a number of components including image processing, edge detection, image segmentation and characteristic extraction and comparing images. The expected results will be the text and voice output of the currency documented and confirmed. The proposed system has got advantages like simplicity, high performance speed, to develop an automatic fake currency detector system which is fast and easy to use for a common man and to develop low cost system, using effective and efficient techniques, to provide accurate and reliable results at good throughput.

K S R Institute for Engineering and Technology - Research and Development Cell


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

E - DIRECTORY SERVICE MOBILE APPLICATION

Dr.B.Kalaavathi¹**B.Swetha²****R.S.Vasu Mitha³****A.Raja Rajan⁴****S.Komathi⁵***Professor & Head¹, UG Scholar^{2,3,4,5}**Department of Computer Science and Engineering**K S R Institute for Engineering and Technology.*

Abstract - In present scenario, people are buried up in a heavy work culture, as everyone is engaged with busy schedules, and hectic tasks which make them deviate from family life. If any issues encounter unexpectedly, it distracts them and makes them choose over the work they have to accomplish primarily. It is important to manage both professional and family life. In such circumstances, every one of us would have fantasized about a kind of house which doesn't have any leaks in pipes, if it doesn't have any mess in fixing a furniture and a kind of house which never face any maintenance issues and every one of us have thought that a life would be much better if no point of issue arises in getting a service at your door step and if there is no mess in bargaining a labour for home service. In such situation's E-Commerce plays a vital role in today's life as it has so many advantages in our life because it makes convenient in daily life of the people. So, giving a thought to that aspect of life is to design and develop a system that provides many services at your doorstep in just one click. A System that provides variety of services like plumbers, movers and packers, repair persons, cleaners, electricians, painters, salon, spa, laundry and many more. To make it comfortable for all the users our system also provides a mobile environment which offers ease in accessing our

K S R Institute for Engineering and Technology - Research and Development Cell



PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KAVINAGAR,
TIRUCHENGOORE-637 215,
NAMAKKAL DI. TAMIL NADU.

IOT BASED ELECTROLYTE BOTTLE FOR HEALTHCARE

Dr.M.Vimala Devi¹ **K.Dharani²** **R.Jeevitha³** **R.Manjula⁴** **M.Praveen Kumar⁵**

Associate Professor¹, UG Scholar^{2,3,4,5}

*Department of Computer Science and Engineering
K S R Institute for Engineering and Technology.*

Abstract - During recent years, Good patient care in hospitals, assessment and management of fluid and electrolyte is the most fundamental thing required. In current health care measures, whenever a electrolyte bottle is fed to any patient, the patient needs to be continuously administered by a nurse or any caretaker. Almost in every hospital, a nurse or caretaker is responsible for monitoring the electrolyte bottle level continuously without any interruptions. In hospitals, due to heavy workloads nurses forget to change the electrolyte bottle once it is emptied, it will bring a bad consequences to the patient, the air bubbles entering the patient bloodstream which cause immediate death. Hence to prevent the patient from getting harmed and protect their lives during electrolyte bottle feeding period, the electrolyte bottle level monitoring system have been developed. The system consists of micro controller which receives input from the IR sensor and it sends output to the GSM module. An alerting signal using sound alarms for replacing the glucose trip bottle is being used in very few hospitals. The sound alarms may not be heard by nurses if they are not too close enough and obviously sound cannot be increased as it is a hospital. So replacing the sound alarms with the alerting phone message may be still more efficient since everyone will use their phone always and thus using a GSM module is not so much costlier and it can be easily implemented. The proposed system is built using Internet of Things (IoT) platform. The proposed system comprises of sensors which will act as a level sensor for monitoring the critical level of the electrolyte bottle. Electrolyte bottle reaches the critical level which is sensed by the IR sensors. This sensed output is sent to the micro-controller which scans the database for retrieving the contented information and alert is sent to the nurses and doctors in the hospitals. If the nurse attends the patient, then she should stop the buzzer and reset the whole system. if the nurse fails to attend the patient within the set time limit, the reverse flow of the blood into the electrolyte bottle is stopped. For this a spring-de motor arrangement will be made. The clamp will be attached to spring, along with the compression and stretching of spring, the clamp will also move in

K S R Institute for Engineering and Technology - Research and Development Cell



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

SMART F2C PROFILING BASED ON CULTIVATED PRODUCT DIRECT MARKETING SYSTEM

Dr.P.Vijayalakshmi¹

P.Ajith Kumar²

E.Megasuriyan³

G.Vignesh⁴

Assistant Professor¹, UG Scholar^{2,3,4}

*Department of Computer Science and Engineering
K S R Institute for Engineering and Technology.*

Abstract - Problem statement in Description System that provides farmers an interface to sell their produce, and connect with the buyers all over India Simple interface that works on mobile, SMS to upload produce details and respond via phone and SMS (taking care of digital divide). Interface for anyone to buy the produce/vegetable – initially visit the place and buy or have

K S R Institute for Engineering and Technology - Research and Development Cell



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

UDHIRAM

Dr.P.Vijayalakshmi¹

Mohammedsamir A²

Laxman Cibi S³


Assistant Professor¹, UG Scholar^{2,3}

Department of Computer Science and Engineering

K S R Institute for Engineering and Technology.

Abstract - This is a web application allows you to access the whole information about Blood Bank Management Software, readily scalable and adaptable to meet the complex need of Blood Banks Who are Key Facilitator for the Healthcare Sector, it also supports all the functionalities of Blood Bank. Entering the details about the blood groups, members, addresses etc. It is time consuming and leads to error prone result which consumes lot of manpower to better results where lacks of data security and retrieval of data takes lot of time. We are never short of donors; often it's the lead time

K S R Institute for Engineering and Technology - Research and Development Cell


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

WASTE SEGREGATION MANAGEMENT USING IOT

Dr.Jaganathan M¹

Jayavarshini G²

Shilpa B³

Sruthi S⁴


Subhasree S⁵

Assistant Professor¹, UG Scholar^{2,3,4,5}

*Department of Computer Science and Engineering
K S R Institute for Engineering and Technology.*

Abstract - Waste Management and segregation is a much-needed process in metro cities and urban areas due to spreading of diseases. It is estimated that India produces 42.0 million tons of municipal solid waste annually at present. Waste lying littered in the surrounding, dumped on open lands, becomes a major problem for various types of disease-causing bacteria and viruses hence, segregation, transport, handling and disposal of waste must be managed properly to minimize the risks of the public and environment. When mixed dry and wet waste breaks down in lowland, it creates nasty greenhouse gases. Segregation makes it attainable to utilize and recycle the waste effectively. This waste segregator system can easily segregate waste. When waste is thrown in the pipe, IR sensor will sense the waste. Waste is divided into three categories namely Wet, Dry and Metallic. Another sensor will sense the garbage category. If the waste is metallic then the mechanism will bring the metal collecting bin below the pipe and with the help of servo motor the waste will fall into the metal bin. Similarly, the process will repeat if wet waste is sensed. If the sensor doesn't activate both the sensor category then the waste will be considered to be a dry waste.

K S R Institute for Engineering and Technology - Research and Development Cell


PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVA C. A. R.,
TIRUCHENGODE-637 215,
NAMAKKAL DISTRICT, TAMIL NADU.

APPLICATION OF BLOCKCHAIN TECHNOLOGY IN FINANCE AND ACCOUNTING

Dr.Jaganathan M¹

Y.Akila²

K.Manikandan³

A.Nathishkumar⁴

M.Venkatesh⁵

Assistant Professor¹, UG Scholar^{2, 3, 4, 5}

Department of Computer Science and Engineering

K S R Institute for Engineering and Technology.

Abstract - Block chaining technology is a distributed infrastructure and computing paradigm. The latest version is represented by the super account book. The latest version is block chain 3. From

K S R Institute for Engineering and Technology - Research and Development Cell



PRINCIPAL,

K.S.R.INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K.S.R. KALIVNDEER,
TIRUCHENGODE-637 215,
NAIMARKAL Dt, TAMIL NADU.

INTER-VLAN WITH NAT IN CLOUD

Prakasham.V¹

Barath.K²

Krishnaganth T.A³


Visveswaran.B⁴

Munusamy.R⁵

Assistant Professor¹, UG Scholar^{2,3,4,5}

*Department of Computer Science and Engineering
K SRInstitute for Engineering and Technology.*

Abstract - Inter VLAN is to design a network for a software development association dependent on VLAN with Cisco routers and switches. The affiliation has three workplaces headway, testing and learner with high speed. The switches in all of the workplaces must be made sure about with port security. The customers in all of the workplaces should have buried find a good pace one another. All of the workplaces should be on different IP frameworks.


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

BETTER AND FASTER EMERGENCY CARE DURING ACCIDENTS AND VEHICLE

Venkatesan R¹

Anisha N²

Ilakiya S³

Selvamalini J⁴


Soundharya A⁵

Assistant Professor¹, UG Scholar^{2,3,4,5}

*Department of Computer Science and Engineering
K SRInstitute for Engineering and Technology.*

Abstract-The main objective of the proposed system is to avoid accident by giving indication through alarm buzzer. Accidents can occur anywhere, anytime therefore it is necessary to develop a system to avoid accidents. Now-a-days accidents are happening more frequently due to globalization, lack of attention, fast speed of vehicles. To overcome this problem the system has been developed in a simple manner using sensors. The sensor is used to control the speed of the vehicle and monitoring the speed by using speedometer and accelerometer. When the speed increases it gives the alarm and automatically controls the speed. The sensor is also used to send information to nearby emergency centers while the accident occurs. To overcome all the limitation this system is designed which is very efficient and easy to understand.


K S RInstitute for Engineering and Technology - Research and Development Cell


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

ALUMNI TRACKING SYSTEM

Venkatesan R¹**Arun R²****Pugazhivelan P³****Velu Prabha S⁴***Assistant Professor¹, UG Scholar^{2,3,4}**Department of Computer Science and Engineering**K S R Institute for Engineering and Technology.*

Abstract- In current scenario, the database of Alumni is maintained by college which is static. Due to this reason, the real time information of alumni is not present on any central platform. So there is a need of an application which can keep all the college graduates in real time. Our thoughts of project, we make interaction between current studied students and passed out (Alumni's) students. Its main aim is focused on exchange the information. We build a web page (like as Facebook, LinkedIn) to registered the alumni's information. Its help to easily communicate with the college student's and post the information in web page related on what our do in company project? What they are working in industry project and currently use, advanced technologies. And we need to access the page with help of developing URL used to login and share our information to others. Our major aim is college students known about what happen in industry side, so this is our concept to make a project and Its way of presentation is mostly very interactive and useful for the every studied students. We design a web page for registration and login page initially, because the passed out students just register our details and join the page. Same time the already registered students directly login into go to the page, In which help of sharing the information via request to follow our alumni in web portal to gather some related information's. After that we daily post some interesting news and current issues on our portal to login the page view the content. And any type of program organizing our campus this way we invite the alumni's to join our festival and celebrations.



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

AUTOMATED RATION DISTRIBUTION SYSTEM

M.P.Jagadeesan¹

S.Devi Gayathri²

S.Gowri³

R.Harini⁴

R.Indhu⁵


Assistant Professor¹, UG Scholar^{2,3,4,5}

Department of Computer Science and Engineering

K S R Institute for Engineering and Technology.

Abstract- One of the largest Government Economic Policy in India is the Ration Distribution System. The main motto of this system is to provide food grains like rice, wheat, sugar, kerosene etc., to people at affordable price. To provide food security to people, this system is spread all over India. State and Central Government of India controls this Ration Distribution System. The

KSRInstitute for Engineering and Technology - Research and Development Cell


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

MULTIVENDOR E-COMMERCE WEBSITE

Gopinath V¹**Yuvapriyanka V²****Devadharshini S S³****Swetha C⁴****Sowmiya S⁵***Assistant Professor¹, UG Scholar^{2,3,4,5}*

Department of Computer Science and Engineering
K SR Institute for Engineering and Technology.

Abstract - Now-a-days most consumer products are available on e-commerce websites and e-commerce business is booming. Many businesses which want to sell their products online are facing difficulties in developing and maintaining e-commerce websites on their own as cost involved in building and maintaining and the time to develop a custom website platform are very high. As a result many vendors are unable to sell their products online. In order to solve these problems, we propose a cloud based multi-tenant, multi-vendor e-commerce platform as a service which. This proposed e-commerce platform allows tenants to develop a multi-vendor e-commerce market place as well as individual e-commerce websites for different vendors. In addition to developing e-commerce websites, this platform also enables development of mobile applications and desktop application via an API. This allows vendors in is to create an account which would allow product information to be updated securely and will allow users to buy goods from different vendors. Vendors can upload their own products into these system after get approval from Admin and can sell their products. Customer can view and buy their needed products by paying amount .This website comes with an Admin panel that was built with JavaScript, Php and MYSQL database. The Admin can manage the entire store through the Admin panel.



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


SMART HELMET & INTELLIGENT BIKE SYSTEM

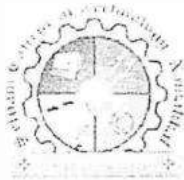
Sathya Priya R¹ **Gowthamakumaran P²** **Kamalesh M³** **Pavithiran S⁴** **Premnath R⁵**

Associate Professor⁴, UG Scholar^{2,3,5}

*Department of Computer Science and Engineering
K SRIInstitute for Engineering and Technology.*

Abstract-The main objective of this paper is to build a safety system which is integrated with the smart helmet and intelligent bike to reduce the probability of two-wheeler accidents and drunken drive cases. A smart helmet is a type of protective headgear used by the rider which makes bike driving safer than before. This implement by using advance feature like alcohol detection, accident identification use as a hands free device, fall detection. This makes not only smart helmet but also feature of smart bike. Its compulsory to wear helmet, without helmet ignition switch cannot ON. A RF Module as wireless link which able to communicate between transmitter and receiver. The LCD display is attached in the bike which helps to communicate with phone signal. Whether the phone get rings the LCD displays the number of a mobile phone. The ignore once button is connected with the LCD display used to avoid an unwanted calls.


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KMLY VEDGAR,
TIRUCHENODI-637 215,
NAMAKKAL DL, TAMIL NADU.



SELVA M COLLEGE OF TECHNOLOGY



19-20

POINNUSAMY NAGAR, SALEM ROAD(NH-44),
NAMAKKAL - 637003, TAMILNADU.

Mob: 9942099122, 99420 99109
Web: <https://selvamtech.edu.in>

Accredited by NAAC | UGC Recognized 2(f) Status | An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai

6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020


DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with

The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

This is to certify that Mr/Ms/Mrs/DrR. J EYABHARATHI..... of
.....KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY..... has
participated and presented a paper entitledARTIFICIAL INTELLIGENCE BASED TRAFFIC.....
.....CONTROL SYSTEM FOR EMERGENCY VEHICLES..... in the 6th International
Conference on Engineering and Technology (ICET-2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New & Innovative Engineering Technology (IJNET).

Mr. M.Ravichandran
Convener


Er. S. Loganathan
Hon. Secretary, I.E (I)

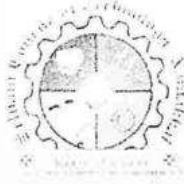
PRINCIPAL


Er. D. Arulselvan
Chairman, IE (I)



Dr. A. Natarajan
Principal-SCT

TIRUCHENGODE-637 215,
NAMAKKAL DIST. TAMIL NADU.



SELVAM COLLEGE OF TECHNOLOGY



POINNUSAMY NAGAR, SALEM ROAD(NH-44),
NAMAKKAL - 637003, TAMILNADU.

Mob: 99420 99122, 99420 99109
Web: <https://selvamtech.edu.in>

Accredited by NAAC (UGC Recognized 2(f) Status) An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai

6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020

DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with

The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

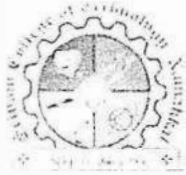
This is to certify that Mr/Ms/Mrs/Dr D.VEENA of
..... KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY has
participated and presented a paper entitled ARTIFICIAL INTELLIGENCE BASED TRAFFIC ...
..... CONTROL SYSTEM FOR EMERGENCY VEHICLES in the 6th International
Conference on Engineering and Technology (ICET- 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre Salem and International Journal of
New Innovations in Engineering and Technology (IJNIET).

Mr.M.Ravichandran
Convener

Er.S.Loganathan
Hon. Secretary, IE(I)
TIRU
NAR
CHEN
NAKKAL
PRINCIPAL
K.S.R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
K.S.R. KALVI NAGAR,
GODE-637 215,
DR. TAMIL NADU.

Dr.A.Arulselvan
Chairman, IE(I)

Dr.A.Natarajan
Principial-SCT



SELVAM COLLEGE OF TECHNOLOGY

PONIVUSAMY NAGAR, SALEM ROAD (NH-44),
NAMAKKAL - 637003, TAMILNADU.

Mob: 99420 99122, 99420 99109
Web: <https://selvamtech.edu.in>

Accredited by NAAC | UGC Recognized 2(f) Status | An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai




6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020

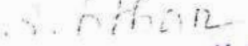

DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with


The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

This is to certify that Mr/Ms/Mrs/Dr VEENA of
K. S. R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY has
participated and presented a paper entitled ONLINE REMOTE MONITORING
AND CONTROL OF WINDMILL in the 6th International
Conference on Engineering and Technology (ICET - 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New Innovations in Engineering and Technology (IJNIET).


Mr. M. Ravichandran
Convener


Er. S. Loganathan
Hon. Secretary, IE(I)

Dr. A. Arulselvan
Chairman, IE(I)


Dr. A. Natarajan
Principal-SCT



SELVAM COLLEGE OF TECHNOLOGY



PONNUSAMY NAGAR, SALEM ROAD(NH-44),
NAMAKKAL - 637003. TAMILNADU.

Mob: 99420 99122, 99420 99109
Web:https://selvamtech.edu.in

Accredited by NAAC | UGC Recognized 2(F) Status | An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai

6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020


DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA


in association with


The Institution of Engineers (India)
SALEM LOCAL CENTRE


Certificate of Appreciation

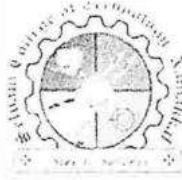
This is to certify that Mr/Ms/Mrs/Dr MR. M. IYER DESAN, A. M.E. PH.D. of
K.S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY has
participated and presented a paper entitled INTELLIGENT BATTERY
MANAGEMENT SYSTEM FOR ELECTRICAL VEHICLE in the 6th International
Conference on Engineering and Technology (ICET - 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New Innovations in Engineering and Technology (IJNIET).


Mr. M. Ravichandran
Convener


Er. S. Loganathan
Hon. Secretary, IE(I)


Er. D. Arulselvan
Chairman, IE(I)


Dr. A. Natarajan
Principal-SCT



SELVAM COLLEGE OF TECHNOLOGY

PONNUSAMY NAGAR, SALEM ROAD(NH-44),
NAMAKKAL - 637003. TAMILNADU.

Mob: 99420 99122, 99420 99109
Web: <https://selvamtech.edu.in>



Accredited by NAAC | UGC Recognized 2(f) Status | An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai


6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020



DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with


The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

This is to certify that Mr/Ms/Mrs/Dr T. ARVIND of
K.S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY has
participated and presented a paper entitled DRIVING LICENSE BASED
BIO-AUTHENTICATED SMART VEHICLE in the 6th International
Conference on Engineering and Technology (ICET - 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New Innovations in Engineering and Technology (IJNIET).


Mr. M. Ravichandran
Convener


Er. S. Loganathan
Hon. Secretary, IE(I)

E. Arulselvan
Chairman, IE(I)


Dr. A. Natarajan
Principal-SCT

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVINAGAR,
MANGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.



SELVA M COLLEGE OF TECHNOLOGY

PONNUSAMY NAGAR, SALEM ROAD (NH-44),
NAMAKKAL - 637003, TAMILNADU.

Mob: 99420 99122, 99420 99109
Web: <http://ps.selvamtech.edu.in>

Accredited by NAAC | UGC Recognized 2(f) Status | An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai



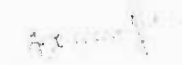
6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020


DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with


The Institution of Engineers (India)
SALEM LOCAL CENTRE


Certificate of Appreciation

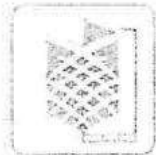
This is to certify that Mr/Ms/Mrs/DrC. S. ANTHA. KUMAR..... of
.....K.S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY..... has
participated and presented a paper entitledAUTOMATIC HEADLIGHT BRIGHTNESS.....
.....CONTROL IN E-VEHICLE..... in the 6th International
Conference on Engineering and Technology (ICET - 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New Innovations in Engineering and Technology (IJN IET).


Mr. M. Ravichandran
Convener


Er. S. Loganathan
Hon. Secretary, IE(I)


PRINCIPAL
K.S.R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
KALVIKOTTAI
NAMAKKAL - 637003, TAMILNADU.


Dr. A. Natarajan
Principal-SCT



MUTHAYAMMAL COLLEGE OF ENGINEERING



CERTIFICATE OF PARTICIPATION

This is to Certify that

C.Sivakumar

K.S.R Institute for Engineering and Technology

has presented

Energy Harvesting Using Piezoelectrical Array Sensor in Road Using IoT

National Conference on Computing Communication Technology and Science (NCCCTS'20)

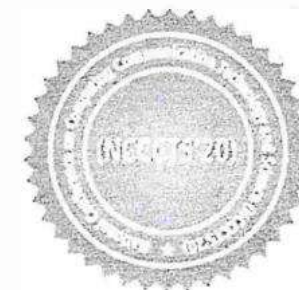
held on 6th March 2020

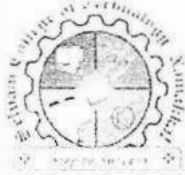
Muthayammal College of Engineering, Rasipuram, Namakkal Dt., Tamilnadu.

R. S. Balvini

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. BALVINI NAGAR,
T. I. R. PO, CHEGGODE-621 15,
NAMAKKAL DT. TAMIL NADU.

Principal





SELVAM COLLEGE OF TECHNOLOGY



PONNUSAMY NAGAR, SALEM ROAD(NH-44),
NAMAKKAL - 637003, TAMILNADU.

Mob: 99420 99122, 99420 99109
Web:https://selvamtech.edu.in

Accredited by NAAC | UGC Recognized 2(f) Status | An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai

6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020

DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with

The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

This is to certify that Mr/Ms/Mrs/DrR. SAGITHRA A..... of
.....K.S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY..... has
participated and presented a paper entitledZONE BASED SPEED CONTROL IN.....
.....ELECTRIC VEHICLE..... in the 6th International
Conference on Engineering and Technology (ICET-2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New innovations in Engineering and Technology (IJNIET).

Mr.M.Ravichandran
Convener

Er.S.Loganathan
Hon.Secretary, IE(I)
PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
NAMAKKAL DISTRICT, TAMIL NADU.
Dr.A.Arulselvan
Chairman, IE(I)

Dr.A.Natarajan
Principal-SCT



SELVAM COLLEGE OF TECHNOLOGY



PONNUSAMY NAGAR, SALEM ROAD (NH-44),
NAMAKKAL - 637003, TAMILNADU.

Mob: 99420 99122, 99420 99109
Web: <https://selvamtech.edu.in>

Accredited by NAAC | UGC Recognized 2(f) Status | An ISO 9001: 2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai

6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020

DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with

The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

This is to certify that Mr/Ms/Mrs/Dr K. MEENAKSHI of
..... K.S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY has
participated and presented a paper entitled MICROCONTROLLER BASED AUTOMATIC
..... IRRIGATION SYSTEM in the 6th International
Conference on Engineering and Technology (ICET - 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New Innovations in Engineering and Technology (IJNIET).

Mr. M. Ravichandran

Mr. M. Ravichandran
Convener

Er. S. Loganathan

Er. S. Loganathan
Hon. Secretary, IE(I)

PRINCIPAL

K. S. INSTITUTE

FOR ENGINEERING AND TECHNOLOGY

K. S. R. KALVI NAGAR

TRICHY - 637 215.

NAMAKKAL DISTRICT, TAMIL NADU.

Dr. A. Natarajan

Dr. A. Natarajan
Chairman, IE(I)

Dr. A. Natarajan

Dr. A. Natarajan
Principal-SCT



SELVAM COLLEGE OF TECHNOLOGY



PONNUSAMY NAGAR, SALEM ROAD(NH-44),
NAMAKKAL - 637003. TAMILNADU.

Mob: 99420 99122, 99420 99109
Web: https://selvamtech.edu.in

Accredited by NAAC|UGC Recognized 2(f) Status |An ISO 9001: 2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai

6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020

DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with

The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

This is to certify that Mr/Ms/Mrs/Dr SRIMORI..... T..... ME..... PUD..... of
..... KSR..... INSTITUTE..... FOR..... ENGINEERING..... AND..... TECHNOLOGY..... has
participated and presented a paper entitled IOT..... BASED..... ELECTRIC..... VEHICLE..... FAST.....
..... IN A..... FRIED..... TIME..... AND..... TABLE..... in the 6th International
Conference on Engineering and Technology (ICET - 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New Innovations in Engineering and Technology (IJNIET).

Mr. M.Ravichandran
Convener

Er.S.Loganathan
Hon.S ecretary

PRINCIPAL
K.S.R.INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
P.O. SELVAMNAGAR
NAMAKKAL - 637 215,
TAMILNADU.

Dr.D.Arulselvan
Chairman, IE(I)

Dr.A.Natarajan
Principial-SCF



MUTHAYAMMAL COLLEGE OF ENGINEERING

Rasipuram - 637 408. Namakkal Dt., Tamilnadu, India.



NCCCTS'20

CERTIFICATE OF PARTICIPATION

This is to Certify that

Dr.S.Velmurugan.,M.E., Ph.D
K.S.R Institute for Engineering and Technology
has presented

Development of Smart Robot Car for Surveillance

at

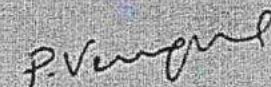
National Conference on Computing Communication Technology and Science (NCCCTS'20)

held on 6th March 2020

Muthayammal College of Engineering, Rasipuram, Namakkal Dt., Tamilnadu.


Chairperson


Convener
PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVENAGAR,
TIRUCHENGAI DISTRICT,
TAMILNADU.


Principal



SECOND NATIONAL CONFERENCE ON EMERGING ENGINEERING AND TECHNOLOGY

NCEET 2020

Organized by

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION AND PRESENTATION

This is to certify that

Dr./Mr./Ms. DR. R. NANDAKUMAR has presented a paper titled

REAL TIME MONITERING SYSTEM FOR AQUACULTURE USING IOT

in the SECOND NATIONAL CONFERENCE ON EMERGING ENGINEERING AND TECHNOLOGY organized by

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, VBIT HYD on 15th May, 2020.



Dr. S. Rajasekaran
(Co - Convener)



Dr. K. Neelima
(HoD & Convener)



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

Dr. C. Amarendar Rao
(Principal)



Triuchengode, Namakkal- 637 215


Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. DR. R. NANDAKUMAR

for participating and presenting his/her paper on REAL TIME MONITORING SYSTEM
FOR AQUACULTURE USING IOT in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. DY. W. DEVA PRIYA

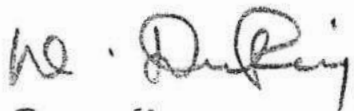
for participating and presenting his/her paper on LANE DEPARTURE WARNING

SYSTEM in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


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











ADITHYA
INSTITUTE OF
TECHNOLOGY

Department of Electrical Sciences

A National Level Web Conference

ADVANCED ELECTRICAL COMPUTING & COMMUNICATION TECHNOLOGY
(AECCT-2020)

Certificate of Participation

This is to certify that Dr/Mr/Ms P.GOVINDARAJU
of KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
has presented a paper
titled FINGERPRINT BASED MEDICAL INFORMATION AND ONLINE
FIRST-AID RECOMMENDER FOR EMERGENCY in
the National Level web conference -- Advanced Electrical Computing &
Communication Technology (AECCT 2020) organized by Department of
Electrical Sciences on 05.06.2020 & 06.06.2020.

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

Dr. K.G. PARTHIBAN
HEAD ELECTRICAL SCIENCES

Dr. S.SARITHA
PRINCIPAL

Dr. CHITRA MANOHAR
CEO



VIGNANA BHARATHI
Institute of Technology

(Approved by AICTE, Accredited by NBA & NAAC, Permanently Affiliated to JNTUH)



SECOND NATIONAL CONFERENCE ON EMERGING ENGINEERING AND TECHNOLOGY

NCEET 2020

Organized by

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION AND PRESENTATION

This is to certify that

Dr./Mr./Ms. P PREMKUMAR has presented a paper titled

HEALTH MANAGEMENT OF CROP PRECISION WITH SMART FARMING

TECHNOLOGIES USING IOT

in the SECOND NATIONAL CONFERENCE ON EMERGING ENGINEERING AND TECHNOLOGY organized by
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, VBIT HYD on 15th May, 2020.

Dr. S. Rajasekaran
(Co - Convener)

Dr. K. Neelima
(HoD & Convener)

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

Dr. G. Amarendar Rao
(Principal)

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215




Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)


Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. S. PREMALATHA

for participating and presenting his/her paper on AN IOT BASED CLOUD SYSTEM FOR
TRAFFIC MONITORING USING MOBILE SENSOR PROCESS in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. B. LATHA AP/ECE


for participating and presenting his/her paper on SMART WALKING STICK FOR VISUALLY


CHALLENGED PEOPLE USING RASPBERRY - PI in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal



BANNARI AMMAN

INSTITUTE OF TECHNOLOGY

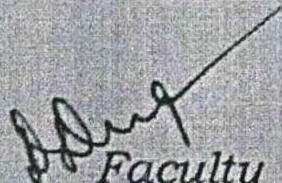
An Autonomous Institution Affiliated to Anna University,
Approved by AICTE, Accredited by NAAC with 'A' Grade





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

National Conference on Signal Processing, Communication and Networking

This is to certify that Dr./ Mr./ Ms./Mrs. T. MARTHANDAN
of K.S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY has presented a paper
titled ONBOARD VEHICLE AIR POLLUTION MONITORING AND VEHICLE TRACKING SYSTEM
in the National Conference on
Signal Processing, Communication and Networking (NCSPCN 2020) held during 13-14 March 2020 at
Bannari Amman Institute of Technology.


Faculty
Co-ordinator


HOD


PRINCIPAL
K.S.R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY
TRICHY CAMPUS
NARAYANALDI, TRICHY-620 020


Principal



ICTLSET'20

6th International E - Conference on Latest Trends in Science, Engineering and Technology

Indexed in
 Google
Scholar



KARPAGAM
INSTITUTE OF TECHNOLOGY

Inspiring Innovation

(Approved by AICTE & Affiliated to Anna University, Chennai
L&T Bypass Road, Bodipalayam Post, Coimbatore-641 10)

Certificate

This is to certify that Mr./Ms./Dr. Mr. J. DIVAKARAN, AP/ECE
of KSR Institute for Engineering and Technology, Tiruchengode has presented a
paper titled "AUTOMATED SELF NAVIGATED DUSTBIN DISPENSARY SYSTEM SMART
CITIES"

in the 6th International E - Conference on Latest Trends in Science, Engineering and
Technology (ICTLSET'20) on April 13, 2020.

Dr. S. GOPINATH
Convener

Dr. D. BHANU
Vice Principal
PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAKAKKAL DI, TAMIL NADU.

Dr. P. MANIMARAN
Principal



ICLTSET'20

6th International E - Conference on Latest Trends in Science, Engineering and Technology

Indexed in
 Google
Scholar



KARPAGAM
INSTITUTE OF TECHNOLOGY

Inspiring Innovation

(Approved by AICTE & Affiliated to Anna University, Chennai
L&T Bypass Road, Bodipalayam Post, Coimbatore-641 10)

Certificate

This is to certify that Mr./Ms./Dr. Ms. P. Mohana Sunthari, AP/ECE
of KSR Institute for Engineering and Technology, Tiruchengode has presented a
paper titled "A COMPACT MULTIBAND SELF ISOLATED ANTENNA FOR 5G mm
WAVE APPLICATIONS USING MIMO"

in the 6th International E - Conference on Latest Trends in Science, Engineering and
Technology (ICLTSET'20) on April 13, 2020.

Dr. S. GOPINATH
Convener

Dr. D. BHANU
Vice Principal

Dr. P. MANIMARAN
Principal

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



VIGNANA BHARATHI
Institute of Technology

(Approved by AICTE, Accredited by NBA & NAAC, Permanent Affiliated to JNTU-H)



SECOND NATIONAL CONFERENCE ON EMERGING ENGINEERING AND TECHNOLOGY

NCEET 2020

Organized by

Department of Electrical and Electronics Engineering

CERTIFICATE

OF PARTICIPATION AND PRESENTATION

This is to certify that

Dr./Mr./Ms. V. SINDHUJA has presented a paper titled

IOT BASED FERTILIZER INJECTOR FOR AGRICULTURAL PLANTS WITH

ANALYZING SYSTEM

in the SECOND NATIONAL CONFERENCE ON EMERGING ENGINEERING AND TECHNOLOGY organized by
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, VBIT HYD on 15th May, 2020.

Dr. S. Rajasekaran
(Co - Convener)

Dr. K. Neelima
(HoD & Convener)

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

Dr. G. Amarendar Rao
(Principal)

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell

CERTIFICATE

This certificate acknowledges and honours Dr. /Mr. /Ms. P. JANANI

for participating and presenting his/her paper on BIOMETRIC FINGER PRINT

SYSTEM

-----in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.

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

Coordinator

Organizing Secretary

IQAC Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215




Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

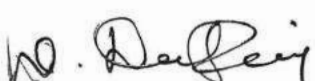
Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. B. VINOOTH KUMAR

for participating and presenting his/her paper on MULTI PURPOSE ROBOTS USED IN
AGRICULTURE in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


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









K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. K. VENKATACHALAM

for participating and presenting his/her paper on BIKE LCD HOME SECURITY ALART

SYSTEM USING GSM in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.

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

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. P. PREMKUMAR AP/ECE

for participating and presenting his/her paper on HEALTH MANAGEMENT OF CROP PRECISION


WITH SMART FARMING TECHNOLOGY USING IOT in National Conference on

“Challenges and Opportunities in Industry 4.0” (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215




Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)


Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. P. GOVINDARAJU AP/ECE

for participating and presenting his/her paper on SMART REAL TIME DRAINAGE MONITORING AND CONTROLLING SYSTEM USING ARDUINO in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. M. UDHAYA KUMAR

for participating and presenting his/her paper on ACCIDENT ALERT SYSTEM

in National Conference on

“Challenges and Opportunities in Industry 4.0” (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.

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

Dr. D. Raj
Coordinator

Dr. S. S. Senthil Kumar
Organizing Secretary

Dr. P. K. Senthil Kumar
ICAC Coordinator

Dr. M. S. Senthil Kumar
ICAC Coordinator

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Tiruchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell CERTIFICATE

This certificate acknowledges and honours Dr. /Mr./Ms. P. MOHANA SUNTHARI, AP/ECE

for participating and presenting his/her paper on A COMPACT MULTIBAND SELF ISOLATED ANTENNA

FOR 5G AND WIRELESS APPLICATIONS USING MLMO in National Conference on

"Challenges and Opportunities in Industry 4.0" (CON-2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.



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

[Signature]
Coordinator

[Signature]
Organizing Secretary

[Signature]
IQAC Coordinator

[Signature]
Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. M. V. MAHESH , AP/ ECE


for participating and presenting his/her paper on AUTOMATIC FERTILIZER SPRAYING

CONTROLLER


in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. J. DIVAKARAN

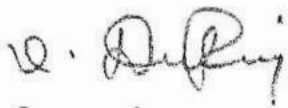
for participating and presenting his/her paper on SELF NAVIGATED SMART DUSTBIN

FOR SMART CITIES -----in National Conference on

“Challenges and Opportunities in Industry 4.0” (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


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









K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215




Affiliated to Anna University, Approved by AICTE .
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. V. SINDHUJA

for participating and presenting his/her paper on IOT BASED FERTILIZER INJECTOR
FOR AGRICULTURAL PLANTS WITH ANALYZING SYSTEM in National Conference on


“Challenges and Opportunities in Industry 4.0” (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. K. VENKATACHALAM

for participating and presenting his/her paper on LCD AUTOMATIC COLLEGE

BELL USING ARDUINO MICROCONTROLLER in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.

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

Coordinator

Organizing Secretary

IQAC Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215




Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)


Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. T. MARTHANDAN , AP/ECE

for participating and presenting his/her paper on VEHICLE AIR POLLUTION MONITORING
AND TRACKING SYSTEM.-----in National Conference on

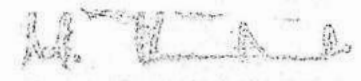
"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell


CERTIFICATE


This certificate acknowledges and honours Dr. /Mr. /Ms. P. MURUGESAN

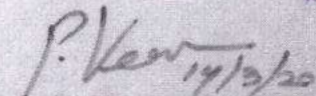
for participating and presenting his/her paper on Heat transfer and friction factor characteristics
of variant plain tapes fitted in a double pipe heat exchanger in National Conference on


"Challenges and Opportunities in Industry 4.0" (COIN-2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.

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


Coordinator


Organizing Secretary


14/3/20
IQAC Coordinator


Principal



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

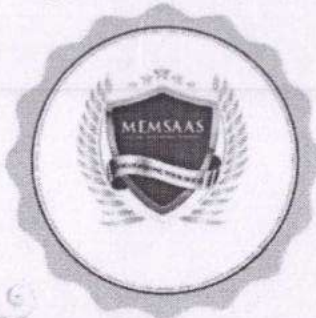
Dr. P. MURUGESAN of KSR INSTITUTE FOR ENGINEERING & TECHNOLOGY
Has Participated in 05th National convention on

"Advanced Technologies on Aerospace & Mechanical Engineering"

Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

and Presented a Research Paper Titled

HEAT TRANSFER AND FRICTION FACTOR CHARACTERISTICS OF VARIENT PLAIN TAPE FITTED IN DOUBLE PIPE EXCHANGER.



Hon. Secretary
SAMP

Principal
CSICE, Ooty

President
SAMP

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



KIT-KALAI GNARKARUNANIDHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)



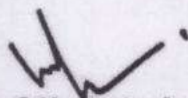
(Approved by AICTE, New Delhi & Accredited with 'A' Grade by NAAC)



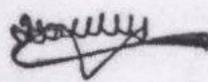
KIT Global Institute for Advanced Studies & Research
Coimbatore - 641 402, Tamilnadu, India.

Certificate of Appreciation

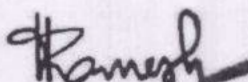
This is to certify that Dr./Mr./Ms./Prof. P. MURUGESAN
of K.S.R. INSTITUTE FOR ENGINEERING & TECHNOLOGY
HEAT TRANSFER AND FRICTION FACTOR
has presented a paper titled.....
CHARACTERISTICS OF PLAIN TAPE FITTED IN A DOUBLE PIPE
..... in the International Conference
HEAT EXCHANGER
on Science, Technology, Engineering and Management (ICSTEM'20) held on
13th & 14th, March 2020 at KIT - Kalaiggnarkarunanidhi Institute of Technology, Coimbatore,
Tamilnadu, India.



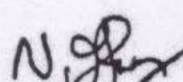
Dr.C.Verkatash
Organizing Chair



Dr.K.Ramasamy
Dean-Academics
&
Research

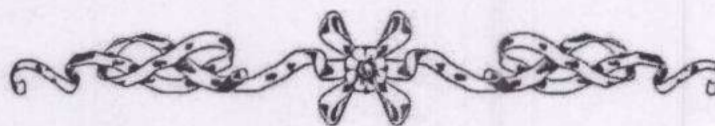


Dr.M.Ramesh
Vice-Principal



Dr.N.Mohan Das Gandhi
Principal

SUPPORTED BY



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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Truchengode, Namakkal- 637215



Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. P. GOPINATH

for participating and presenting his/her paper on Mechanical Characterization of Chukeneeggshell reinforced at 7075 matrix composites

in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.

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

Coordinator

Organizing Secretary

14/3/20
IQAC Coordinator

Principal

RSC 2020

(Facilitating Cutting Edge Research & Network)

January 8 – 10, 2020

Teaching Learning Centre, CIT, CBE

Teaching Learning Centre
(Under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Scheme)
(Department of Higher Education, MHRD, GoI)

Coimbatore Institute of Technology

(Government Aided Autonomous Institution)

Certificate of Participation

This is to certify that

~~Mr. / Ms. / Dr.~~ *P. Gopinath*, Assoc Prof / Mechanical, KSR Institute for Engg. and Technology, Tiruchengode
has participated and ~~presented~~ the abstract titled

Testing and Evaluation of Mechanical properties on Jute fibre Plain Weave Fabric Composite Structures
at Research Support Conclave organized by CIT – TLC, Coimbatore from 08 to 10, January, 2020

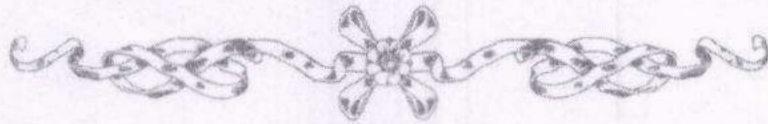
RSC 2020 ID : *33* Track ID : *MS-429* Date & Session : *10-1-2020 & 02:30PM & 05:00PM*

Co - Author(s) :

Y. mif.
Dr. V. Manikandan

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

G
Dr. V. Selladurai



KIT-KALAINARKARUNANIDHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)



(Approved by AICTE, New Delhi & Accredited with 'A' Grade by NAAC)

KIT Global Institute for Advanced Studies & Research
Coimbatore - 641 402, Tamilnadu, India.



Certificate of Appreciation

This is to certify that Dr./Mr./Ms./Prof..... GOPINATH P.....
of KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY.....

has presented a paper titled DESIGN AND EXPERIMENTAL INVESTIGATION OF PROPERTIES OF CHICKEN EGG SHELL REINFORCED ALGAE MATRIX COMPOSITES in the International Conference on Science, Technology, Engineering and Management (ICSTEM'20) held on 13th & 14th, March 2020 at KIT - Kalaignarkarunanidhi Institute of Technology, Coimbatore, Tamilnadu, India.

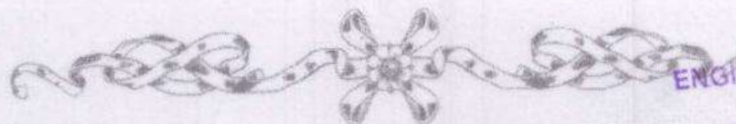
Dr.S.Santhi
Organizing Chair

Dr.K.Ramasamy
Dean-Academics
&
Research

Dr.M.Ramesh
Vice-Principal

Dr.N.Mohan Das Gandhi
Principal

SUPPORTED BY



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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215


Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

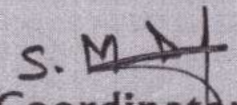
Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. R. MANI

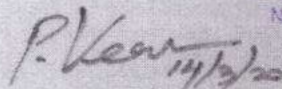
for participating and presenting his/her paper on Extraction of fuel from waste plastic
using pyrolysis process in National Conference on


"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KAVERI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DISTRICT, TAMILNADU.


Coordinator


Organizing Secretary


11/3/20
IQAC Coordinator


Principal

Dr.Kalam Institute of Engineering Research,



Reg. office : 1/4, Bhagavathy Nagar, East Tambaram, Chennai - 600 059
MSME Reg. No. TN02D0130511 | GSTIN 33GEFPK9905B1ZN | www.drkalaminstitute.com



MEST'2020

CERTIFICATE

This is to certify that Mr./Ms./Dr.R.MANI., PROF., DEPT. OF MECHANICAL.....of

...KSR...INSTITUTE...FOR...ENGINEERING...AND...TECHNOLOGY.....

has participated & presented the paper titled ..EXTRACTION OF FUEL FROM.....

...WASTE PLASTICS BY USING PYROLYSIS PROCESS.....

.....in the

“International Conference on Modern Engineering, Science and Technology”, held on 17th February 2020

at Ooty, Tamilnadu, India.

M. Kanmani

Ms.M.Kanmani,
Conference Coordinator

T. Vignesh

Mr.T.Vignesh,
Conference Chairman

PRINCIPAL

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVINAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DIST. TAMIL NADU

R. Sathiskumar

Dr.R.Sathiskumar
Session Chair

CHENNAI INSTITUTE OF TECHNOLOGY

Sarathy Nagar, Kundrathur, Chennai - 600069.

ICRDMSA 2020

International Conference on Recent Developments in
Material Science and Applications



Certificate

This is to certify that
MANI R

KSR Institute for Engineering and Technology, Tamil Nadu

has presented a paper entitled

DESIGN, ANALYSIS AND DEVELOPMENT OF EPOXY RESIN MADE
OMNIDIRECTIONAL WIND TURBINE

in the International Conference on Recent Developments in Material Science
and Applications organised by Department of Mechanical Engineering

Chennai Institute of Technology on 25th & 26th September, 2020.



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

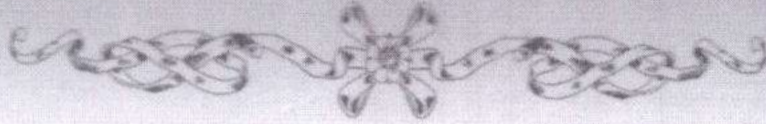
V. Dharmaraj
Organizing Secretary

[Signature]
Convener

[Signature]
Principal



International Conference on Recent Developments
in Material Science and Applications



KIT-KALAI NARKARUNANIDHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)



(Approved by AICTE, New Delhi & Accredited with 'A' Grade by NAAC)

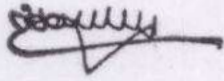
KIT Global Institute for Advanced Studies & Research
Coimbatore - 641 402, Tamilnadu, India.

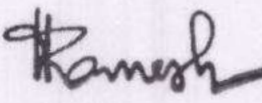


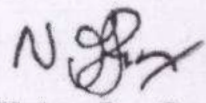
Certificate of Appreciation

This is to certify that Dr./~~Mr.~~/~~Ms.~~/Prof. R. MANI
of KSR INSTITUTE FOR ENGINEERING & TECHNOLOGY
has presented a paper titled DESIGN AND ANALYSIS OF AUTOMATIC
GROUNDNUT EXTRACTION MACHINE in the International Conference
on Science, Technology, Engineering and Management (ICSTEM'20) held on
13th & 14th, March 2020 at KIT - Kalaighnarkarunanidhi Institute of Technology, Coimbatore,
Tamilnadu, India.

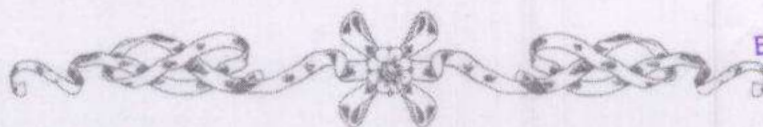
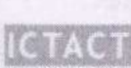
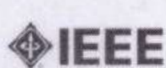

Dr. C. Venkatesh
Organizing Chair


Dr. K. Ramasamy
Dean-Academics
&
Research


Dr. M. Ramesh
Vice-Principal


Dr. N. Mohan Das Gandhi
Principal

SUPPORTED BY



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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



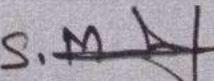
Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)


Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours *Dr. /Mr. /Ms.* R. VASANTHAKUMAR.

for participating and presenting his/her paper on Heat transfer and friction factor characteristics of variant twisted tape fitted in a double pipe heat exchanger in National Conference on "Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DISTRICT, TAMIL NADU.
P. Veeramani 14/3/20
IQAC Coordinator


Principal

Dr.Kalam Institute of Engineering Research,



Reg. office : 1/4, Bhagavathy Nagar, East Tambaram, Chennai - 600 059
MSME Reg. No. TN02D0130511 | GSTIN 33GEFPK9905B1ZN | www.drkalaminstitute.com



MEST'2020

CERTIFICATE

This is to certify that [✓]Mr./Ms./Dr.**R.VASANTHA KUMAR, M.E., AP/MECH**.....of
.....**KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY**.....
has participated & presented the paper titled **HEAT TRANSFER AND FRICTION**.....
FACTOR CHARACTERISTICS OF VARIANT TWISTED TAPE FITTED.....
IN A DOUBLE PIPE HEAT EXCHANGER.....in the
“International Conference on Modern Engineering, Science and Technology”, held on 17th February 2020
at Ooty, Tamilnadu, India.

M.K.
.....
Ms.M.Kanmani,
Conference Coordinator

T.V.
.....
Mr.T.Vignesh,
Conference Chairman

[Signature]
PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU. *[Signature]*
Dr.R.Sathiskumar
Session Chair

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours *Dr. /Mr. /Ms.* G. ANITHA

for participating and presenting his/her paper on Experimental investigation and mechanical properties analysis of aluminum metal matrix of tip 2 & gr reinforced composites in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.

S. M. J.
Coordinator

[Signature]
Organizing Secretary

P. Keerthi
14/3/20
IQAC Coordinator

[Signature]
PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVINAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DISTRICT, TAMIL NADU.

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. M.V. SHANMUGAM

for participating and presenting his/her paper on Design and development of 3d
filament extruder in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at 'KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.

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

Coordinator

Organizing Secretary

IQAC Coordinator

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

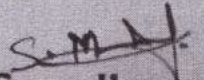
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. M.V. SHANMUGAM


for participating and presenting his/her paper on Design and implementation of borewell
rescue system in National Conference on


"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


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


Principal



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

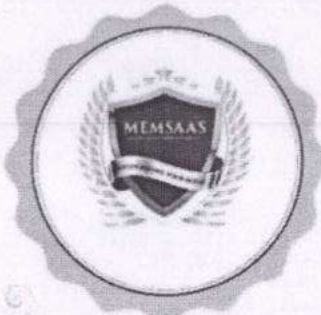
Mr. M. V. SHANMUGAM of KSR INSTITUTE FOR ENGINEERING & TECHNOLOGY.
Has Participated in 05th National convention on


"Advanced Technologies on Aerospace & Mechanical Engineering"

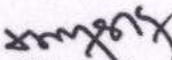
Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

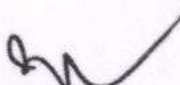
and Presented a Research Paper Titled


DESIGN AND ANALYSIS OF BOREWELL RESCUE SYSTEM




Hon. Secretary
SAMP


Principal
CSICE, Ooty


President
SAMP


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KOTTANAGAR,
TIRUPUR CODE 637 215,
NAMAKKAL DISTRICT, TAMIL NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

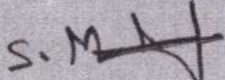
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

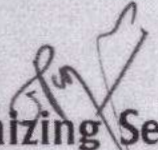
Research and Development Cell **CERTIFICATE**

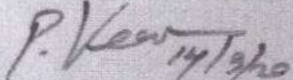
This certificate acknowledges and honours *Dr. /Mr. /Ms.* K. GOPALAKRISHNAN


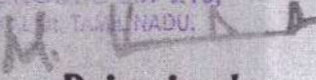
for participating and presenting his/her paper on Design and fabrication of automatic box
Packing machine in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


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

Principal

Dr.Kalam Institute of Engineering Research,



Reg. office : 1/4, Bhagavathy Nagar, East Tambaram, Chennai - 600 059
MSME Reg. No. TN02D0130511 | GSTIN 33GEFPK9905B1ZN | www.drkalaminstitute.com



MEST'2020

CERTIFICATE

This is to certify that [✓]Mr./Ms./Dr.K.:GDPALAKRISHNAN,M:E.,AP/MECH.....of
..KSR.....INSTITUTE FOR ENGINEERING AND TECHNOLOGY.....
has participated & presented the paper titled ..DESIGN AND FABRICATION OF.....
..AUTOMATIC BOX PACKING MACHINE.....
.....in the
“International Conference on Modern Engineering, Science and Technology”, held on 17th February 2020
at Ooty, Tamilnadu, India.

M. Ke

Ms.M.Kanmani,
Conference Coordinator

Mr. T. Vignesh

Mr.T.Vignesh,
Conference Chairman

Principal

K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,

NAMAKKAL Dt, TAMIL NADU. Dr.C.B.Sivaparthipan
Session Chair

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours *Dr. /Mr. /Ms.* K. GOPALAKRISHNAN


for participating and presenting his/her paper on Design and fabrication of coconut

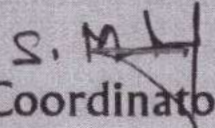
de-husking machine

in National Conference on

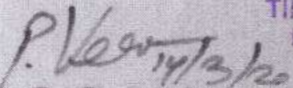
"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637215,
NAMAKKAL DISTRICT, TAMILNADU.


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours ~~Dr. /Mr. /Ms.~~ S. BALAMURUGAN


for participating and presenting his/her paper on Design and analysis piston coated with

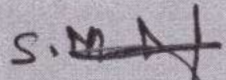
ceramic materials

in National Conference on

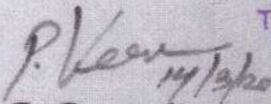
"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,


Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

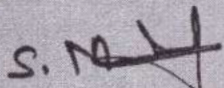
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

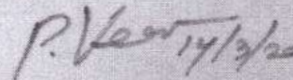
This certificate acknowledges and honours Dr. /Mr. /Ms. S. PONNUSAMY


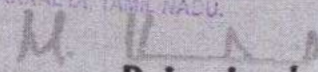
for participating and presenting his/her paper on Banana leaf cutting machine using
hydraulic power pack in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


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

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

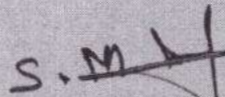
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

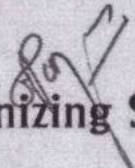
Research and Development Cell **CERTIFICATE**

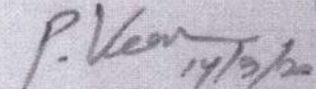
This certificate acknowledges and honours Dr. /Mr. /Ms. A. Mohanraj


for participating and presenting his/her paper on Design & analysis of waste heat recovery indomestic refrigeration using R 134 a in National Conference on

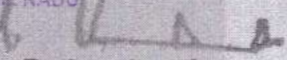
"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


14/3/20
IQAC Coordinator


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


Principal



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

Mr. A. MOHANRAJ of KSR INSTITUTE FOR ENGINEERING

Has Participated in 05th National convention on

& TECHNOLOGY

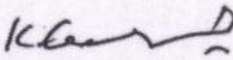
"Advanced Technologies on Aerospace & Mechanical Engineering"

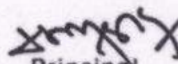
Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

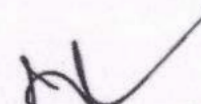
and Presented a Research Paper Titled


DESIGN AND ANALYSIS OF WASTE HEAT RECOVERY IN DOMESTIC
REFRIGERATION USING R134




Hon. Secretary
SAMP


Principal
CSICE, Ooty


President
SAMP


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

RSC 2020

(Facilitating Cutting Edge Research & Network)

January 8 – 10, 2020

Teaching Learning Centre, CIT, CBE



Teaching Learning Centre

(Under Pandit Madan Mohan Malaviya National Mission on Teachers & Teaching Scheme)
(Department of Higher Education, MHRD, GoI)



Coimbatore Institute of Technology

(Government Aided Autonomous Institution)

Certificate of Participation

This is to certify that

Mr. / ~~Ms.~~ / ~~Dr.~~ *A. Mohanraj A/Mechanical, KSR Institute for Engg. & Tech, Tiruchengode*
has participated and presented the abstract titled

Testing and Evolution of Mechanical properties on Jute fibre plain woven fabric Composite structures
at Research Support Conclave organized by CIT – TLC, Coimbatore from 08 to 10, January, 2020

RSC 2020 ID : *33* Track ID : *MS-429* Date & Session : *10.1.2020 & 02:30PM to 04:00PM*

Co - Author(s) : *P. Gopinath*

[Signature]
Dr.V.Manikandan

Organizing Secretary – RSC 2020

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

[Signature]
Dr.V.Selladurai

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

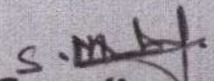
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

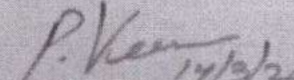
This certificate acknowledges and honours *Dr. /Mr. /Ms.* K. VELUSAMY


for participating and presenting his/her paper on Design and analysis of connecting rod using different alloy material in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


14/3/20
IQAC Coordinator


PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KAMARAJAR,
TIRUCHENGODE, NAMAKKAL, S,
TAMILNADU, INDIA.
Principal



KIT-KALAINARKARUNANIDHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)



(Approved by AICTE, New Delhi & Accredited with 'A' Grade by NAAC)



KIT Global Institute for Advanced Studies & Research
Coimbatore - 641 402, Tamilnadu, India.

Certificate of Appreciation

This is to certify that ~~Dr./Mr./Ms./Prof.~~ K. VELUSAMY

of K.S.R. INSTITUTE FOR ENGINEERING & TECHNOLOGY

has presented a paper titled DESIGN & ANALYSIS OF CENTRIFUGIAL

PUMP IMPELLER USING CFD ANALYSIS in the International Conference

on Science, Technology, Engineering and Management (ICSTEM'20) held on

13th & 14th, March 2020 at KIT - Kalaigarkarunanidhi Institute of Technology, Coimbatore,

Tamilnadu, India.

Dr.C.Venkatesh
Organizing Chair

Dr.K.Ramasamy
Dean-Academics
&
Research

Dr.M.Ramesh
Vice-Principal

Dr.N.Mohan Das Gandhi
Principal

SUPPORTED BY



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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours *Dr. /Mr. /Ms.* A. PREM KUMAR

for participating and presenting his/her paper on Design and analysis of chassis with
different cross - section -----in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.

S. M. [Signature]
Coordinator

[Signature]
Organizing Secretary

P. Venkatesh [Signature]
IQAC Coordinator

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

[Signature]
Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215



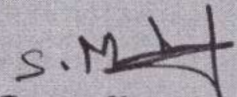
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

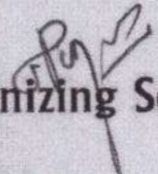
Research and Development Cell **CERTIFICATE**

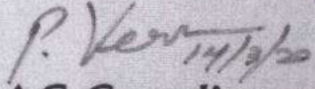
This certificate acknowledges and honours Dr. /Mr. /Ms. S. MOHANAVELAN


for participating and presenting his/her paper on Design & analysis of different insulatio
material flat plate solar air dryer in National Conference on

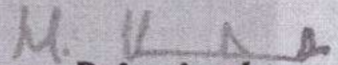
"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


14/3/20
IQAC Coordinator


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


Principal



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

Mr. S. MOHANAVELAN of KSR INSTITUTE FOR ENGINEERING & TECHNOLOGY

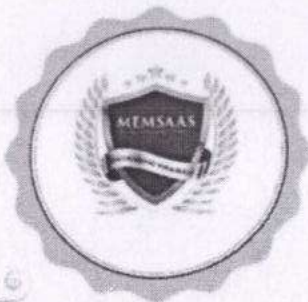
Has Participated in 05th National convention on

"Advanced Technologies on Aerospace & Mechanical Engineering"

Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

and Presented a Research Paper Titled

DESIGN AND ANALYSIS OF FLAT PLATE SOLAR AIR DRYER



Hon. Secretary
SAMP

Principal
CSICE, Ooty

President
SAMP

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



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

Mr. P. MANIKANDAN of KSR INSTITUTE FOR ENGINEERING &

Has Participated in 05th National convention on TECHNOLOGY

"Advanced Technologies on Aerospace & Mechanical Engineering"

Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

and Presented a Research Paper Titled

ANALYSIS OF P2H VEHICLE (PORCHE HYBRID VEHICLE)



Hon. Secretary
SAMP

Principal
CSICE, Ooty

President
SAMP

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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

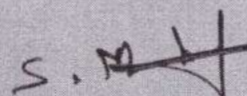
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

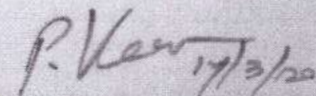
This certificate acknowledges and honours Dr. /Mr. /Ms. P. MANIKANDAN

for participating and presenting his/her paper on Design and performance analysis of P2H electric vehicle (Porsche hybrid electric two wheeler) in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


17/3/20
IQAC Coordinator


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

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

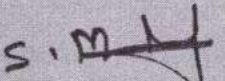
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

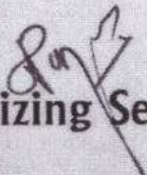
Research and Development Cell **CERTIFICATE**

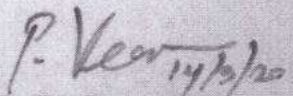
This certificate acknowledges and honours Dr. /Mr. /Ms. P. CHAKRAVARTHI



for participating and presenting his/her paper on Tribological and microstructural analysis of
aluminium (LM6) reinforced with alumina and Silicon Carbide in National Conference on
micro particles

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


14/3/20
IQAC Coordinator


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

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours Dr. /Mr. /Ms. S. RAJKUMAR


for participating and presenting his/her paper on Design and analysis of automatic Slicing

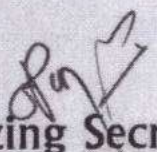
tender Coconut

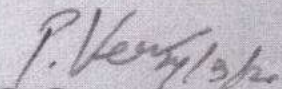
in National Conference on


"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,


Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


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


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

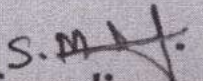
Research and Development Cell CERTIFICATE

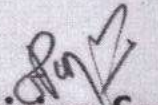
This certificate acknowledges and honours Dr. /Mr. /Ms. S. RAJKUMAR

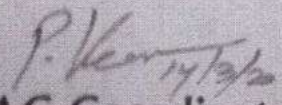
for participating and presenting his/her paper on Experimental investigation on friction and wear behaviour
of hybrid copper matrix composites synthesized by powder metallurgy in National Conference on



"Challenges and Opportunities in Industry 4.0" (COIN-2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DISTRICT, TAMILNADU.

Principal



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

Mr. S. RAJKUMAR of KSR INSTITUTE FOR ENGINEERING &

Has Participated in 05th National convention on

TECHNOLOGY


"Advanced Technologies on Aerospace & Mechanical Engineering"

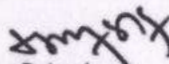
Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

and Presented a Research Paper Titled


EXPERIMENTAL INVESTIGATION ON FRICTION & WEAR BEHAVIOUR OF
HYBRID COPPER MATRIX - COMPOSITES SYNTHESIZED BY POWDER
METALLURGY




Hon. Secretary
SAMP


Principal
CSICE, Ooty


President
SAMP


PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KAVI NAGAR,
TIRUCHENGODE 637 215,
NANDIKOTTAH TALUK, TAMIL NADU.



KIT-KALAINARKARUNANIDHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)



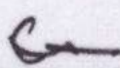
(Approved by AICTE, New Delhi & Accredited with 'A' Grade by NAAC)



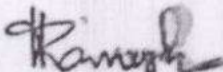
KIT Global Institute for Advanced Studies & Research
Coimbatore - 641 402, Tamilnadu, India.

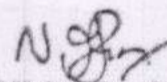
Certificate of Appreciation

This is to certify that **Dr./Mr./Ms./Prof. S. RAJKUMAR** of **KIR INSTITUTE FOR ENGINEERING AND TECHNOLOGY** has presented a paper titled **DESIGN AND ANALYSIS OF AUTOMATIC SAILOR TENDER COCONUT** in the International Conference on Science, Technology, Engineering and Management (ICSTEM'20) held on 13th & 14th, March 2020 at KIT - Kalaighnarkarunanidhi Institute of Technology, Coimbatore, Tamilnadu, India.

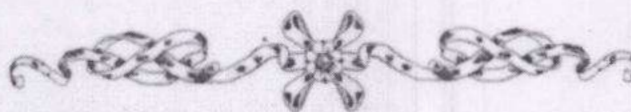

Dr.S.Santhi
Organizing Chair



Dr.K.Ramasamy
Dean-Academics
&
Research


Dr.M.Ramesh
Vice-Principal


Dr.N.Mohan Das Gandhi
Principal

SUPPORTED BY




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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

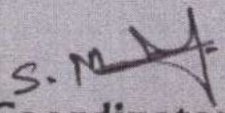
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**

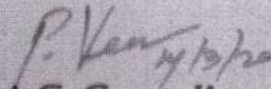
This certificate acknowledges and honours Dr. /Mr. /Ms. S. BASKARAN

for participating and presenting his/her paper on Design and analysis of automobile leaf spring for various cross sections by using different composite materials in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. G. R. HILL, NAMAKKAL,
TIRUCHENGODE-637215,
NAMAKKAL DISTRICT, TAMIL NADU.

Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. J. MATHAN


for participating and presenting his/her paper on Design and analysis of Composite material

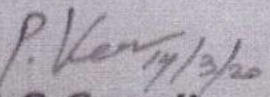
using fgp in propeller shaft in National Conference on


"Challenges and Opportunities in Industry 4.0" (COIN - 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


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

Principal



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

Mr. J. MATHAN

of KSR INSTITUTE FOR ENGINEERING & TECHNOLOGY

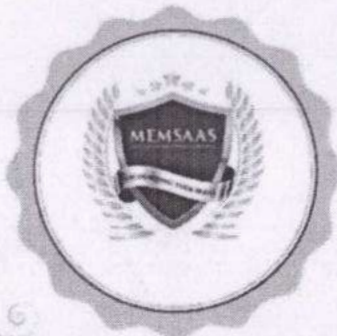
Has Participated in 05th National convention on

"Advanced Technologies on Aerospace & Mechanical Engineering"

Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

and Presented a Research Paper Titled

DESIGN AND ANALYSIS OF COMPOSITE MATERIAL USING CFRP IN PROPELLER SHAFT



Hon. Secretary
SAMP

Principal
CSICE, Ooty

President
SAMP

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVINAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DISTRICT, TAMIL NADU

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Triuchengode, Namakkal- 637215

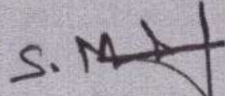
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

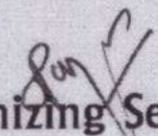
Research and Development Cell **CERTIFICATE**

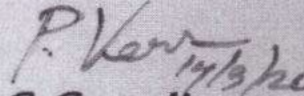
This certificate acknowledges and honours Dr. /Mr. /Ms. J. MATHAN


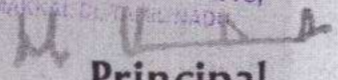
for participating and presenting his/her paper on Design and automation of coconut
de-husking machine using belt conveyer in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


IQAC Coordinator


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

Principal



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

Mr. S. RAHUL

of KSR INSTITUTE FOR ENGINEERING &

TECHNOLOGY

Has Participated in 05th National convention on

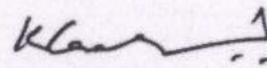
"Advanced Technologies on Aerospace & Mechanical Engineering"

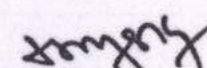
Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

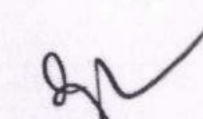
and Presented a Research Paper Titled


TRIBIOLOGICAL BEHAVIOUR OF ALUMINIUM HYBRID METAL MATRIX
COMPOSITE REINFORCED WITH COLONUT SHELL ASH & EGG SHELL ASH




Hon. Secretary
SAMP


Principal
CSICE, Ooty


President
SAMP


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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



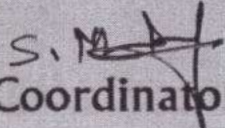
Triuchengode, Namakkal- 637215

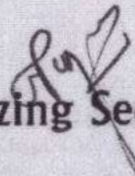
Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

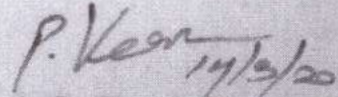
Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours *Dr. /Mr. /Ms.* S. RAHUL

for participating and presenting his/her paper on Tribological behaviour of aluminum hybrid metal matrix composite reinforced with coconut shell ash and egg shell ash in National Conference on "Challenges and Opportunities in Industry 4.0" (COIN-2020) held on March 14, 2020 at KSR Institute for Engineering and Technology, Tiruchengode, Tamilnadu, India.


Coordinator


Organizing Secretary


14/3/20.
IQAC Coordinator


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

Principal



KIT-KALAINARKARUNANIDHI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)



(Approved by AICTE, New Delhi & Accredited with 'A' Grade by NAAC)



KIT Global Institute for Advanced Studies & Research
Coimbatore - 641 402, Tamilnadu, India.

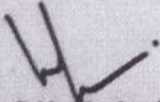
Certificate of Appreciation

This is to certify that ~~Dr./Mr./Ms./Prof.~~ S. RAHUL

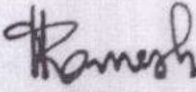
of KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

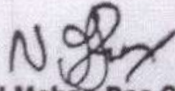
has presented a paper titled TRIBOLOGICAL BEHAVIOUR OF ALUMINUM

HYBRID METAL MATRIX COMPOSITE in the International Conference
REINFORCED WITH COCONUT SHELL ASH AND EGG SHELL ASH
on Science, Technology, Engineering and Management (ICSTEM'20) held on
13th & 14th, March 2020 at KIT - Kalaignarkarunanidhi Institute of Technology, Coimbatore,
Tamilnadu, India.

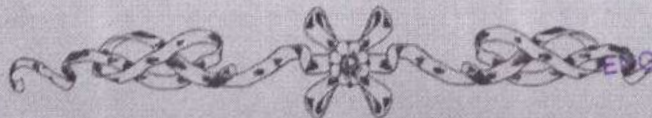
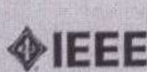

Dr.C.Venkatesh
Organizing Chair


Dr.K.Ramasamy
Dean-Academics
&
Research


Dr.M.Ramesh
Vice-Principal


Dr.N.Mohan Das Gandhi
Principal

SUPPORTED BY



PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 211,
NAMAKKAL DI. TAMIL NADU.



MEMSAAS - 2020



CERTIFICATE of PARTICIPATION

THIS IS TO CERTIFY THAT

Mr. P. KARTHICK of KSR INSTITUTE FOR ENGINEERING &

Has Participated in 05th National convention on

TECHNOLOGY

"Advanced Technologies on Aerospace & Mechanical Engineering"

Held at C.S.I College of Engineering, Ketti, Ooty - The Nilgiris on 24th & 25th January 2020

and Presented a Research Paper Titled

DESIGN AND ANALYSIS OF SAND SIEVING MACHINE BY USING

COMPOSITE MATERIAL



Hon. Secretary
SAMP

Principal
CSICE, Ooty

President
SAMP

PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. ALVI NAGAR,
TIRUCHENGODE-637 215,
DAMANGALUR, TAMIL NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215




Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

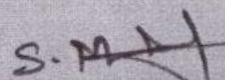
Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. P. KARTHICK

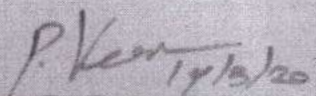
for participating and presenting his/her paper on Design and analysis of sand sieving machine
by using composite material in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Tiruchengode, Tamilnadu, India.


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. INSTITUTE FOR
TIRUCHENGODE-637215,
NAMAKKAL, TAMILNADU.


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



Tiruchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell **CERTIFICATE**


This certificate acknowledges and honours Dr. /Mr. /Ms. S. RUSSIA, ASP / IIT

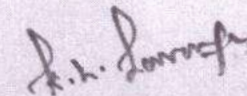
for participating and presenting his/her paper on SCALABLE CONTENT - AWARE COLLABORATIVE

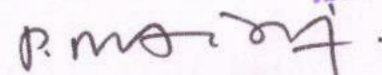
FILTERING FOR LOCATION RECOMMENDATION in National Conference

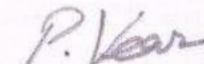
"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Techno

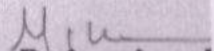
Tiruchengode, Tamilnadu, India.


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


Coordinator


Organizing Secretary


IQAC Coordinator


Principal

easily. Identity theft and identity fraud are referred as two sides of cyber crime in which hackers and malicious users obtain the personal data of existing legitimate users to attempt fraud or deception motivation for financial gain. E-Mails are used as phishing tools in which legitimate looking emails are sent making the genuine users identify with legitimate content with malicious URLs. It helps to steal consumers' personal data such as user names, account numbers, passwords and other financial account credentials. Spam E-Mails emerges or transforms as Phishing mails. Spoofed Mails plays a vital role in which the hackers pretend to be a legitimate sender posing to be from a legitimate organization which divulges the user to give his personal credentials. The content may escape from Content based filters or the email may be without any body of the message except malicious URL in it. This paper identifies malicious URLs in email through reduced feature set method. Hackers bypass anti-spam filtering techniques by embedding malicious URL in the content of the messages. Hence the URL analyzer method with the help of minimized phishing feature set identifies the malicious URL in the emails. R Studio is used as the front end to develop the application.

COIN_IT_15

GEOSENSOR: SEMANTIFYING CHANGE AND EVENT DETECTION OVER BIG DATA

Dr.M.Dhurgadevi¹G.Priyadarshni²S.Mohanraj³V.Steephen⁴J.Stephenraj⁵Associate professor¹ UG Scholar^{2,3,4,5}

Department of Information Technology

KSR Institute for Engineering and Technology

Abstract - GeoSensor is a novel, open-source system that enriches change detection over satellite images with event detection over news items and social media content. GeoSensor combines these two orthogonal operations through state-of-the-art Semantic Web technologies. At its core lies the open-source, semantics-enabled Big Data infrastructure developed by the EU H2020 BigDataEurope project. This allows GeoSensor to offer an on-line functionality, despite facing three major challenges of Big Data: Volume (a single satellite image typically occupies a few GBs), Variety (its data sources include two different types of satellite images and various types of user-generated content) and Veracity, as the accuracy of the end result is crucial for the usefulness of our system. We present GeoSensor's architecture in detail, highlighting the advantages of using semantics for taking the most of the knowledge extracted from news items and Earth Observation products. We also verify GeoSensor's efficiency through a preliminary experimental study.

K S R Institute for Engineering and Technology - Research and Development Cell

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

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Truchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)



Research and Development Cell **CERTIFICATE**

This certificate acknowledges and honours *Dr. /Mr. /Ms.* P.S. PRAKASH KUMAR, AP/IT

participating and presenting his/hers paper on ONTOLOGY - BASED DATA ACCESS

TO BIG DATA in National Conference on

"Challenges and Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,
Truchengode, Tamilnadu, India.

**PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 627 215,
NAMAKKAL Dt, TAMIL NADU.**

K. S. R. Institute

P. S. Prakash Kumar
Secretary

P. Venkatesh
IOAC Coordinator

M. S. Srinivasan
Principal

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

Triuchengode, Namakkal- 637215

Affiliated to Anna University, Approved by AICTE
(All UG Programmes - NBA Accredited)

Research and Development Cell

CERTIFICATE

This certificate acknowledges and honours Dr. /Mr. /Ms. P. S. PRAKASH KUMAR, AP/IT

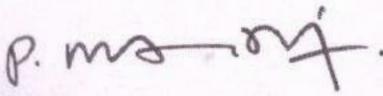
for presenting his/her paper on Blockchain Utilization in Healthcare:

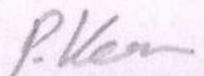
Requirements and challenges in National Conference on

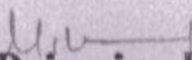
"Opportunities in Industry 4.0" (COIN- 2020) held on March 14, 2020 at KSR Institute for Engineering and Technology,

Tamilnadu, India.


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


Convener Secretary


IOAC Coordinator


Principal

VERTICAL FARMING WITH AEROPONICS

K.C.Aparna Priya¹A.Asلاميya²M.Dhanya³K.Dharani Sri Kalyan⁴UG Scholar^{1, 2, 3, 4}

Department of Agricultural Engineering

Paavai Engineering College.

Abstract - AEROPONICS is a system of growing plants without soil in suspended air with intermittent application of nutrient laden water to the roots of the plants in the form of mist. In our project we are using the above technique to grow lettuce, radish and Cucumber. A hole is made into the sidewalls of the PVC pipe and then the mesh pots are placed in the hole to hold the plant. The bottom of the pot acts as a supporting structure and separate root from the plant. A mist chamber is provided inside the PVC pipe to supply nutrient laden water in the form of mist to the roots which is automated for the regular supply of nutrients by using motor. These conditions allow for better plant nutrition assimilation in a more balanced way. The plants are provided with best condition regarding oxygenation and moisture. The nutrient solution we are using is the fish amino acid. As it is a soil less cultivation we are using rock wool as a germinating media. We are doing Aeroponics vertically to do agriculture in a limited space to meet the demands of the people as in growing population and reduction in cultivable land. This technique is more beneficial when compared to current farming techniques as in this we are using the resources to a full extent like this is the only farming method where limited water is used, decreases labor, expenses and environmental friendly.

COIN_IT_07

E-FARMER SELF SERVICE

ManiBharathi¹K.Saraswathy²V.Yaksheetha³R.Yuvapriya⁴S.Nandhagopal⁵UG Scholar^{1, 2, 3, 4} Assistant Professor⁵

Department of Information Technology

KSR Institute for engineering and technology

Abstract - It is a web application designed using PHP as front end and My-SQL as back-end. The aim of the project is to automate all the activities involved in procuring product from farmer and selling it to customers. In existing system farmers find difficult in reaching their cultivated product to consumers. This system requires an intermediate person to connect farmer and consumer and they will acquire a brokerage for this service. Because of this brokerage products will reach higher price and reduces farmer's profit. Thus a new profitable system is needed to help farmers. Here farmer will post the vegetable and agricultural products that they had cultivated. These products are verified and

K S R Institute for Engineering and Technology - Research and Development Cell

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

Certificate

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

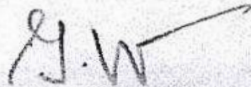
(AUTONOMOUS)

TIRUCHENGODE - 637 215, TAMIL NADU, INDIA.



DEPARTMENT OF CIVIL ENGINEERING

This certificate acknowledges and honours Dr. /Mr. /Ms. Lavanya K G
for participating & presenting his/her paper on Survey on Healthcare Hazard
Control Responsibilities, Practice and Analysis in
AICTE & SERB Sponsored International Conference on "*Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things*" (ICSAIOT - 2019)
held on August 28 & 29, 2019 at K.S.Rangasamy College of Technology Tiruchengode,
Tamil Nadu, India


(Dr.G.Vennila)
Organizing Chair



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

(Dr.A.Kumaravel)

Principal

Certificate

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

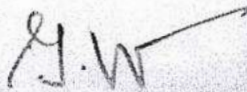
(AUTONOMOUS)

TIRUCHENGODE - 637 215, TAMIL NADU, INDIA.



DEPARTMENT OF CIVIL ENGINEERING

This certificate acknowledges and honours Dr. /Mr. /Ms. Balakrishnan D
for participating & presenting his/her paper on Survey on Healthcare Hazard
Control Responsibilities, Practice and Analysis in
AICTE & SERB Sponsored International Conference on "*Smart Applications for Environmental Quality*
Assessment and Promoting Health Care Systems using Internet of Things" (ICSAIOT - 2019)
held on August 28 & 29, 2019 at K.S.Rangasamy College of Technology Tiruchengode,
Tamil Nadu, India


(Dr.G.Vennila)
Organizing Chair




PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVIKASAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DISTRICT, TAMIL NADU, INDIA.

Principal



Estd : 1984

KONGU ENGINEERING COLLEGE (AUTONOMOUS)

PERUNDURAI ERODE - 638060



CSI - KEC STUDENT BRANCH


7th National Conference on Networking, Intelligence and Computing
(NCNIC 2020)

A National Level Conference

CERTIFICATE

This is to certify that BALA KRISHNAN D (ASST. PROF.) of
..... KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY has presented a paper
entitled ... A WEB APPLICATION FOR QUERYING AND ANSWERING
..... CODING PORTS in NCNIC 2020 held on 10th March 2020.

Kanw
Student Branch Co-ordinator


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

R. S. Meey
Principal



Estd : 1984

KONGU ENGINEERING COLLEGE

(AUTONOMOUS)

PERUNDURAI ERODE - 638060



CSI - KEC STUDENT BRANCH

7th National Conference on Networking, Intelligence and Computing
(NCNIC 2020)

A National Level Conference

CERTIFICATE

This is to certify that BALAKRISHNAN D (ASST PROF) of
KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY has presented a paper
entitled AN ANDROID BASED MOBILE APPLICATION FOR FOOD
ORDERING SYSTEM in NCNIC 2020 held on 10th March 2020.

Koum
Student Branch Co-ordinator

[Signature]
PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALYANAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

[Signature]
Principal



SELVAM COLLEGE OF TECHNOLOGY

PONNUSAMY NAGAR, SALEM ROAD(NH-44),
NAMAKKAL - 637003. TAMILNADU.

Mob: 99420 99122, 99420 99109
Web: <https://selvamtech.edu.in>

Accredited by NAAC | UGC Recognized 2(f) Status | An ISO 9001:2015 Certified Institution
Approved by AICTE - New Delhi, Affiliated to Anna University - Chennai



6th INTERNATIONAL CONFERENCE ON ENGINEERING AND TECHNOLOGY ICET - 2020

DEPARTMENTS OF BIO-TECH, CIVIL, CSE, ECE, EEE and MCA
in association with

The Institution of Engineers (India)
SALEM LOCAL CENTRE

Certificate of Appreciation

This is to certify that Mr/Ms/Mrs/Dr P. KEERTHANA (AP/IT) of
..... K.S.R. INSTITUTE FOR ENGINEERING AND TECHNOLOGY has
participated and presented a paper entitled STUDENT GRIEVANCE SUPPORTED
..... SYSTEM in the 6th International
Conference on Engineering and Technology (ICET - 2020) held on 04th & 05th March 2020 at Selvam College
of Technology, Namakkal, organized by Departments of BIO-TECH, CIVIL, CSE, ECE, EEE and MCA in
association with The Institution of Engineers (India), Salem Local Centre, Salem and International Journal of
New Innovations in Engineering and Technology (IJNIET).

Mr.M.Ravichandran

Er.S.Loganathan

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALU NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DISTRICT, TAMILNADU.

Dr.A.Natarajan

approved by administrator who serves as intermediate between the farmer and customer. These posted product are visible to the customer, which they can able to purchase and order online. These ordered products will be delivered to the customer by appropriate farmers. In addition to that, this website provides better recommendation for each product based on customer's rating. Also it suggested the top moving products among the customers. In this way, the project has increased the efficiency of farmer's cultivation and selling it to the customer.

COIN_IT_08

STUDENT GRIEVANCE SYSTEM

S.Karkulazhi¹**M.Karthika²****J.Kausalya³****P.Keerthana⁴***UG Scholar^{1,2,3} Assistant Professor⁴**Department of Information Technology**KSR Institute for engineering and technology*

Abstract - The grievance is viewed by staff and appropriate action is taken. Admin of the website will have a privilege to take report of the grievances given by students. The application includes mail sending option and so Internet access to the system must be provided. Thus the application assists in better control of the system. The project entitled "STUDENT GRIEVANCE SYSTEM" is developed under the environment ASP .Net as Front End and MS SQL Server as Back-End. This project is developed for the purpose of implementing interaction between the student, faculty and HOD. Here student will give their grievance to the staff using their appropriate login provided to them. It includes mail sending option and so Internet access to the system must be provided. It assists in better control of the system.

COIN_IT_09

AN ANDROID APPLICATION FOR HUSH-HUSH VOTING SYSTEM

S.Indhumathi¹**S.Mounika²****S.Swetha³****Dr.K.Gowsic⁴***UG Scholar^{1,2,3} Assistant Professor⁴**Department of Information Technology**KSR Institute for engineering and technology*

Abstract - The project "AN ANDROID APPLICATION FOR HUSH-HUSH VOTING SYSTEM" is designed using Standard Android 4.0.3 platform. The platform used to develop the application is Eclipse IDE (Mars) with Java 1.6 Standard Edition. Traditional voting systems should be computerized to reduce the vote counting time, to provide evidence that a vote is being correctly

K S R Institute for Engineering and Technology - Research and Development Cell

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

Certificate

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

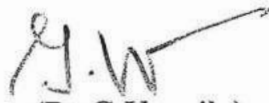
(AUTONOMOUS)

TIRUCHENGODE - 637 215, TAMIL NADU, INDIA.

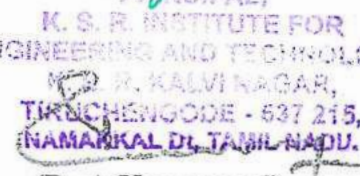


DEPARTMENT OF CIVIL ENGINEERING

This certificate acknowledges and honours Dr. /Mr. /Ms. Priyanga Devi L
for participating & presenting his/her paper on Survey on Healthcare Hazard
Control Responsibilities, Practice and Analysis in
in
AICTE & SERB Sponsored International Conference on “*Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things*” (ICSAIOT - 2019)
held on August 28 & 29, 2019 at K.S.Rangasamy College of Technology Tiruchengode,
Tamil Nadu, India


(Dr.G.Vennila)
Organizing Chair




PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt. TAMIL NADU.
(Dr.A.Kumaravel)
Principal