RAJARAJESWARI COLLEGE OF ENGINEERING

 # 14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560 074. Karnataka

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NEWS LETTER

SAMPARKA VANI

Dr. A. C. Shanmugam
B.A. L.L.B, FIMSA, FRCPS (Glasgow, U.K)
Chairman, RRGI

Sri. A.C.S.Arunkumar
B.Tech (Hons), LMISTE,MIET., (UK).,LMCSI.,
Vice-Chairman RRGI

Dr. T. Chandrashekar
Prinicipal, R.R.C.E.

Dr. Rangaiah L
Professor and Head,
Department of ECE, R.R.C.E.

VISION

Our aim is to provide a program of high quality to produce creative technocrats and also establish an excellent R & D Centre to pursue research in the frontier areas of Electronics and Communication Engineering.

MISSION

To emerge as a centre of excellence in the field of Electronics & Communication Engineering, the graduates able to produce innovative solutions to the needs of the society, cognizant to the universal moral values, and adherent to the professional ethics.

READING SUGGESTIONS

- ☑ **STUDENTS ACTIVITIES**
- ☑ **ELCOM-X**
- ☑ **FDP**
- ☑ **ICETEMT**
- ☑ **PUBLICATIONS**
- ☑ **PLACEMENTS**
- ☑ **SPORTS & CULTURALS**
- ☑ **ALUMNI VOICE**

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1-Skill and Knowledge
To impart students with a strong background in the basic science, mathematics and electronics and communication engineering fundamentals required for solving engineering problems.

PEO 2 -Lifelong learning
To train students with good scientific and engineering breadth so as to comprehend, analyze, design, and provide technical solutions for the real-life problems.

PEO 3- Attitudes
Exercise excellent leadership qualities to address issues in a responsible, ethical, and innovative manner with continuous learning and broader societal context.

EDITORS NOTE

Once again We granted the chance to work on and launch the latest issue of Department Newsletter-SAMPARKAVANI for the academic year 2021–2022. A department's newsletter emphasizes accomplishments, events, and academic excellence. I tried to capture the enjoyment and activities of last year in this edition. We hope that the newsletter inspires many more people, including students, to use it as a venue for showcasing their artistic abilities.

Dr. Rangaiah L , Professor and Head, Dept of ECE
Chaithanya S, Assistant Professor, Dept of ECE

ALUMNI TALK
ON
AUTO SAR

RESOURCE PERSON

Mr.Raghunath N,
Software Design Engineer,
Amtronics ENG Services PVT LTD.

Venue : Sathayendranath Bose Seminar Hall
Date : 28/05/2022
Time : 10.45am to 12.30pm

ABOUT EVENT

- The event started with welcoming the alumni Mr.Raghunath Nfor the event by Prof.V Sreepathi - Alumni coordinator, Department of ECE, Dr. L Rangaiah - HoD-ECE. Around 67 students of IV & VI semester belongs to Electronics and Communication Engineering participated in the event.

- The welcome speech was given by Prof.V Sreepathi- Alumni coordinator, Department of ECE. Later Students were given guidance on Auto SAR Applications. Interacted about their preparations for Auto SAR. KSAR Classic provides a robust Base Software Stack Solution for Safety were given valuable inputs for each category. After the interaction with the students, the resource person was honoured with Memento as a token of appreciation to conclude the event.

TECHNICAL SEMINAR
ON
LATEST TECHNOLOGIES AND OPPORTUNITIES IN EMBEDDED SYSTEMS FOR YOUNG ENTREPRENEURS

RESOURCE PERSON

Mr. ChaitanyaNaik
Technology Analysis Manager
Technologics Global Pvt. Ltd Bangalore. .

Venue : APJ Abdul Kalam Conference Hall,
Date : 29thOctober 2021 Friday
Time : 11.30am

OBJECTIVE OF THE SESSION:

To provide an awareness session onLatest Technologies and Opportunities in Embedded Systems for Young Entrepreneurs and motivate the students to enhance their knowledge in the latest technologies.

OUTCOME OF THE EVENT

The Latest Technologies and Opportunities in Embedded Systems for Young Entrepreneurs awareness programme was jointly organized by Department of Electronics and Communication Engineering & Entrepreneur Development Cell of RRCE, Bengaluru in collaboration with Technologics Global Pvt. Ltd. Mr. Chaitanya Naik delivered awareness and choice for entrepreneurs in field of the latest technologies like embedded systems, VLSI, and Communication systems. Also, he delivered the job opportunities in those fields. So from the above seminar outcome is the students are able to become and job creator and also solution provider for the enterprises.

INNOVATE-2022
PROTOTYPE PROJECT EXHIBITION

Project Expo 2022
RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India

OBJECTIVE OF THE EVENT:

Main Objective of organizing this event is to provide the platform and unleash the potential of the students by showcasing their innovativeness and creativity. This provides opportunity for the students to demonstrate their learning experience.

Date:23rd July 2022
Venue: Department of ECE,RRCE, Bengaluru
Event Co-ordinators: Dr. Suneetha.R, Dr.R.Gangadhar Reddy

Project Expo 2022
RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India

OUTCOME OF THE EVENT:

The Students gained knowledge on

Develop professionals having good skills, self-learning ability and confidence to support and contribute to the growth of relevant industries.

It is to provide the platform and unleash the potential of the students by showcasing their innovativeness and creativity.

This provides opportunity for the students to demonstrate their learning experience.

Project Exhibition-2022
RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India

Project Exhibition-2022
RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India

Project Exhibition-2022
RajaRajeswari College Of Engineering, Bengaluru, Karnataka 560074, India

INDUSTRIAL VISIT

OUTCOME OF THE PROGRAM

☑ Gained Knowledge of application of remote sensing in agriculture, weather monitoring, Disaster Recovery etc.

☑ To differentiate between PSLV and GSLV.

☑ Gained knowledge about TV Broadcast mechanism with the help of demo model.

☑ Gained knowledge about different Satellites.

IDEATHON 2021
"ENGINEER'S DAY "

"Engineer's Day 2021" Celebrations jointly organized by DEPARTMENT OF Electronics &Communication Engineering, ED Cell RRIIC.
Theme : Innovative Idea for Solving Societal Problems
Date : 20th September 2021
Time : 11:00 AM

OBJECTIVE OF THE EVENT

The focus of this event is to explore the students innovative idea for solving the societal problems by expending their technical knowledge.

STAFF CO-ORDINATOR(S)

Name of the Staff	Designation & Dept	Role in RRIIC
Dr. A. Muruganandham	Professor ECE	ED Cell Coordinator
Dr. Vijaya S M	ASP ECE	Faculty Innovation Coordinator
Dr. SumithaManoj	ASP ECE	Internship Coordinator
Dr. D. Sobya	ASP ECE	Startup Coordinator

Number of Students Participated: 24
Jury Members:
1. Dr. P. EbbyDarney, Associate Professor & Head, EEE Dept.
2. Dr. D. Sivakumar, Associate Professor, CSE Dept
3. Dr. A. Muruganandham, EDC Coordinator & Professor, ECE Dept.
4. Prof. Sunitha R, Assistant Professor& Idea Club Coordinator, ECE Dept.

OUTCOME OF THE EVENT

Winners of this event are rewarded with following Prizes:
First Prize: Rs 1000 with Shield & Merit certificate
Second Prize: Rs 500 with Shield & Merit certificate
Third Prize: Merit certificate .
Participation certificates are issued to the quality contribution by the participants.
Due to students feasibility the event was conducted on 22nd September 2021.

WINNERS AND AWARDS:

Name of the Winner	Reward / Prize
Sanjay P Trikaleshwar .S	Rs 1000 Cash Prize, Shield and Merit certificate
Arjun E Akash C Sajjan	Rs 500 Cash Prize, Shield and Merit certificate
Vishwajith V Pai Vidya C N	Merit certificate

ELCOM-X
TECHNICAL FEST

ABOUT SYMPOSIUM

☑ The symposium included many of the technical events participated by good number of students.

☑ This is helped the students in showing their strength in technical aspects. The technical events such as Coding-Q bits, Technical Quiz, Ideation caption-it, Trivia, Air crash and Project Exhibition were includedto prove their technical competence and competitiveness

☑ The nontechnical events such as Treasure hunt, Decoration and posters, NFS, CS, BGMI, PUBG and mini Casio Games were challenging to students and created lot of vibrancies

☑ This event is organized, participated and planned by the students and they got to learn lot of organizing, fund generation, accounts, event coordination etc.

☑ The students exhibited their talent through show models built with electronics. This is added colors to the whole event.

☑ The most of the models were reusable having wonderful ideas of event, coordination and management.

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
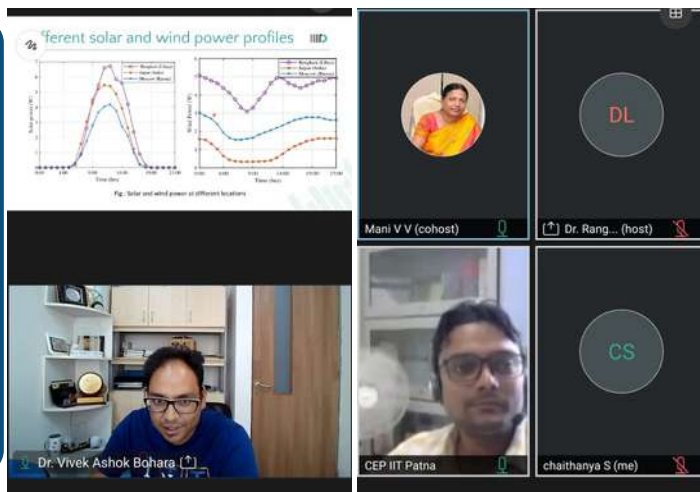# APPLICATIONS OF AI IN WIRELESS COMMUNICATION AND SENSOR NETWORKS
IN ASSOCIATION WITH
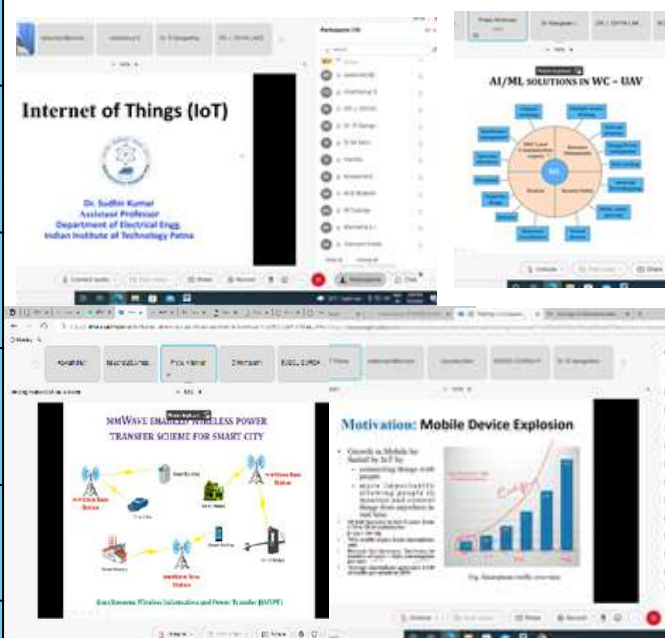# E&ICT ACADEMY, NIT WARANGAL

OBJECTIVE OF FDP

This FDP aims at providing strong theoretical background along with practical experience in the field of computer vision and medical imaging applications and how the viualization and analysis of the images could be efficiently done with the help of computer vision and medical image analysis based algorithms. In the growing and emerging era of "Digital India" initiative, the use of computer vision becomes pertinent in the machine vision and medical imaging area since several applications of the images determine and contribute towards socio-economic status of the regions and the country as whole. FDP will be helpful for the faculties and researchers working in the areas of AI/ML for computer vision and medical image analysis applications.

Date of FDP: 4th to 14th May 2022

Session	Forenoon (10:00 AM to 12:00PM)	Afternoon (02:00 PM to 04:00 PM)
04-05-22 (Wednesday)	Inauguration and Introduction to the FDP Dr. V. V. Mani,NIT Warangal	Overview of Artificial intelligence driven Non-orthogonal Multiple Access Technique for 5G and beyond 5G- and Stress on implementation of NOMA for VLC. Dr. Suseela Vappangi. VIT AP
05-05-22 (Thursday)	Intelligent Multimedia streaming in Wireless networks Dr. Chetna Singhal, IIT Kharagpur	Lab on Intelligent Multimedia streaming in Wireless networks Dr. Chetna Singhal, IIT Kharagpur
06-05-22 (Friday)	AI Based Channel Estimation for Intelligent Reflecting Surface (IRS) driven Wireless Communication by Dr. Debarati Sen, IIT Kharagpur	Intoduction to Machine Learning with Matlab Dr V V Mani, NIT Warangal
07-05-22 (Saturday)	Interplay of AI and IoT Networks by Dr. Sudhir Kumar, IIT Patna	Ensemble learning for energy resource allocation for Fiber-Wireless networks Dr. Vivek Ashok Bohara, IIIT-Delhi
09-05-22 (Monday)	Machine Learning for Wireless Communication - Hands on Dr V V Mani, NIT Warangal	AI for VLC , Matlab Coding Dr V V Mani, NIT Warangal
10-05-22 (Tuesday)	Deep Leaerning based RF Signal Classification: Part 1 - Theory Dr. Prabhu Chandhar, Chandhar Research Labs, Chennai	Deep Learning based RF Signal Classification: Part 2 - Hands-on Dr. Prabhu Chandhar, Chandhar Research Labs, Chennai
11-05-22 (Wednesday)	Machine Learning based Intrusion Detection in IoT-MQTT Networks Dr. Prabhu Chandhar, Chandhar Research Labs, Chennai	Machine learning based localization and classification in wireless networks by Dr. Abhinav Kumar, IIT Hyderabad
12-05-22 (Thursday)	AI enabled Wireless communication technologies for IoT Applications Dr. Prabu K, NITK Surathkal	Federated Learning over wireless networks by Dr. Gagan Raj Gupta, IIT Bhilai
13-05-22 (Friday)	Machine Learning (ML)-driven Sensing for Smart Buildings Applications Dr. Ashish Pandharipande,, Technical Director-Innovation, NXP semiconductors, Netherland	European/Global Standards in AI for Wireless Communication and Sensor Networks Dinesh Chand Sharma	Director – Standards & Public Policy (SESEI)
14-05-22 (Saturday)	Multiple Access Schemes for Next-generation Wireless Networks Dr Sanjeev Sharma, IIT (BHU) Varanasi	Exam, Valedictory

Participants learn Many Technical Things From this FDP such as

• Introduction to Computer vision and Medical image analysis applications. Machine Learning Basics, working with data pre-processing and data visualization.
• Supervised and unsupervised learning methods, SVM classification, neural networks and applications.
• Introduction to Deep learning methods, and DL based other Architectures and its applications.
• CNN Architectures for CV and medical imaging implementation.
• Video analytics, Object detection/Tracking, segmentation, Yolo models, RCN, Unet and FRCNN.
• Biometrics detection, Human activity and face recognition.
• Medical image data processing and analysis.
• AI/ML for Biomedical imaging, CT Scan/MRI based image analysis, and medical image classifications.
• Basics of Tensor Flow/Keras/PyTorch/Jupyter and Colab.
• Working with data pre-processing and data visualization using python/MATLAB.
• Hands-on session using Python/MATLAB.
• CV and AI algorithms implementation on Hardware platform like Jetson NanoTX2 etc.

INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING, MANAGEMENT AND TECHNOLOGY (ICETEMT- 2022)

OBJECTIVE OF THE EVENT

The primary objective of ICETEMT-2022 is to provide a world class platform to present and discuss all the latest research and results of Scientists, Engineers, Academicians and Research Scholars. This conference provides opportunities for the different areas of delegates to exchange new ideas and application experiences face to face business or research relations and to find global partners for future collaboration.

International Conference held at RRCE: RajaRajeswari College of Engineering, Bangalore has organized an "International Conference on Emerging Trends in Engineering, Management and Technology" (ICETEMT 2022) during 21 – 22 June 2022.

Dr J Amutharaj, Vice Principal and Programme Chair – ICETEMT 2022 delivered the welcome address. Dr T Chandrashekar, Principal has delivered the presidential address. Dr L.Rangiah, Convener and Professor & Head – ECE Department delivered a note on ICETEMT-2022. Dr R Balakrishna, Dean, RRCE delivered a key note address and Dr S Usha, Dean – Research has stressed the importance of connectivity between the academic research and social concern and relevance during the research work.

Mr. Murali, Chairman & MD, Shriram Properties was the Chief Guest of the inaugural function. Mr. Lavanam Amballa, Head – Campus Hiring & Global Campus Operation, WIPRO Technologies & Mr. Kirankumar K.S, Program Manager, CM / AMI, Philips India Ltd., were the Guest of Honours and have graced the occasion. Internationally renowned Technical Experts from various parts of the globe delivered the Tutorial Talks on Sustainable Artificial Intelligence, Data Science, Machine Learning and Deep Learning for large scale business and Cyber Security. More than 200 selected papers were presented in the Conference. Dr Ebby Darney, Professor and Head, Department of Electrical Engineering has proposed the vote of Thanks.

PUBLICATIONS

Improvement of overall performance by implementation of different lean tools - a case study by D. Sobya in International Journal of Performability Engineering sep-21 ISSN 0973-1318

Investigation of duty cycle distortion in clock channels with infinisim clockedgete technology by Sumithamanoj in International journal of engineering trends and technology, Apr, 2022, ISSN 2231-5381

Minimizing the Energy Consumption and Enhancing the Throughput in WSN using Advanced LEACH Protocol by Haritha.K.Sivaraman in International Conference on Emerging Trends in Engineering, Management &Technology-2022

A Novel Approach for a Smart Indoor Farm by Rangaiah L, Vidya C N, Vishwajith V Pai, Rahul Suthar, Varun C in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Commercial Power Saver by Rangaiah L, Arjun E, Akash C Sajjan, Abdul Hannan Khan,Chethan M in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Electric Vehicle Smart Charging Infrastucture In Parking Places by Rangaiah L, Deepika S, 3Chandana R,4Anup G Prabhu,5 Varun S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Diagnosis of Skin Cancer Through Classification of Melanoma and Nevus Using RVM by Punal M Arabi, Sumithra N Sushma Ramesh Yashaswini S Ranjitha G D in International Conference on Emerging Trends in Engineering, Management &Technology-2022

EEG-Based Brain Controlled Wheelchair with Emergency Assistance by Punal M Arabi, Kshatha M, Harathkumar V, Bhoomika N, Jison Abraham Jose in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Real Time Anomaly Detection in Pharmaceutical Pills using Machine Vision And Image Processing by A. Muruganandham in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Pi Based Crippled Person Device by A. Muruganandham, Sowjanya G S, Deekshitha H P, Puneeth Raj V and Rajeshwari S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Multiple Parameter Patient Health Monitoring System by Vijaya S M, Krishna.R Pavan.S Punith B P.Nikhil Gowda in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Offline Voting System Using Two Factor Authentication by Vijaya S M, Swathi K Monisha K J, Vidyaprakash Shekargouda Patil in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Bizarre Activities Recognition Under surveillance Camera by Vijaya S M, Bodhi Thrupthi, Megha J , Shubha C, Thanmaya S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Greenhouse Monitoring and Controlling using the Internet of Things (IoT) by Sumithamanoj, Dinesh Gowda M, Chandrashekar R, Bhaskar M E, Karthik T J in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Smart city alert management systems for rules violators by Sumithamanoj, Rishika A Anekar, Sahana N, Shashank H R , Shakthi V in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Multimodal Human-robot interaction by Sumithamanoj, Harshith.R Sanjay kumar L , Shiva kumar , Madan S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Women Safety Video Surveillance Autonomous Security Night Patrolling Robot by R GangadharReddy Varna V Nadiger, Supriya.K.T, Shreya S Shanbhag, in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Hybrid Electric Vehicle With Intelligent on Board Diagnosis System by R GangadharReddy, Gagana M, H R, Sowndarya, Kavana K in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Monitoring Social Distancing for Covid 19 Using Open CV Computer Vision and Deep Learning by R GangadharReddy, Chaithra.V, Reshma, Rishitha.R Shetty, Rakshitha B.S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Smart Safety Supervising System for Sewage Workers by D. Sobya, MegharajC D, Sai Sanjay G, Harsha Patel H and Pavan R in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Smart trolley system for automated billings using Raspberry PI by D. Sobya, Dhanush Kumar Singh H, Manjesha H M, Nischal S Bhat and P J Suhas in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Smart trolley system for automated billings using Raspberry PI by D. Sobya, Dhanush Kumar Singh H, Manjesha H M, Nischal S Bhat and P J Suhas in International Conference on Emerging Trends in Engineering, Management &Technology-2022

PUBLICATIONS

Multipurpose Student Smart Card by D. Sobya, Anusha S,EncilatraJ,YashwanthGowda B R, Praveen Kumar N in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Behavioral Based Student's Stress Detection with Attendance Management System by Sunitha R, Nanditha K, Aishwarya S, Impana R, Girija H S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Design and simulation of butler matrix for 5G and other wireless applications by Sunitha R, Sanjay P, Sanjay P in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Wastewater Treatment Using IOT by Sreepathi V, Devika U, Dhakshayini J, Usha M, Varsha D in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Improved the efficiency of IoT in agriculture by introducing optimum energy harvesting in WSN by Santosh Chavan, Rakshitha M, Prashanthini M, Rajeshwari S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Non-invasive blood glucose Monitoring and controlling using IoT by Santosh Chavan, Aashika A, Bhairavi H L, Chaithrashree Ramesh, Fathima Bee in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Multiple symptom technique for detecting Parkinson's disease Vani S Badiger, Hamsa N R, Gagan N Y, Gaurav K M in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Wireless Sensors Network for Environmental Radiation Monitoring Using IoT by Vani S Badiger, Rohith J, Ummehani, Shabistan Nayab, Tejaswini M in International Conference on Emerging Trends in Engineering, Management &Technology-2022

AI Based Smart Voice Assistance For Rural Peoples by Lokesha K, Kavya K, Kavya Shankar S, Lahari I, MadipattalAnkitha and Chowdary in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Artificial Intelegence for Fruit Calories Estimation and BMI Prediction by Lokesha K, Kavya K, Kavya Shankar S, Lahari I, Madipattal Ankitha Chowdary in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Real time vehicle signal breaking, vehicle detection and speed tracking using OpenCV and RFID Santhosh G, Madan C, Pallavi C , Pavan R Sakamma NS in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Cost Effective Smart Ventilator System For Covid-19 Pandemic by Santhosh G, Md Hanief, Maharaj O, Suhas K Gowda in International Conference on Emerging Trends in Engineering, Management &Technology-2022

IoT Based Smart Mirror by Ajay M NavaneethYadav JagadishSaiVarma, Harshitha S, Meghana K in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Data Authentication for Web of Things(WoT) by using Secure Hash Algorithm-3(SHA-3) and Salsa20 Algorithm by Chaithanya S, Jagadish, Manoj P G, Manjunatha S, Naveen Kumar N in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Network Optimization with RF Heat Map Using Machine Learning by Chaithanya S, Sourav S Adiga, Varun N, PrethamN and Yashvanth KV in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Revocable Attribute Based Encryption in Data Integrity in Clouds by Haritha.K.Sivaraman, Malavika C, Sharath S, Bindhu S, and Shushmitha G in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Design and Development of Sewage Cleaning Mobile Robot by Haritha.K.Sivaraman, Anusha D, Dharuni S, Meghana T Aradhya and Minal MC in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Deep Learning Approaches for Bone Cancer Segmentation Using X-Ray by Suresh M, Pramod DM, Vishal Patil, Shilin C Reji, Sanjaya Kumara in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Blind Navigation using Artificial Intelligence by Suresh M, Pramod DM, Vishal Patil, Shilin C Reji and Sanjaya Kumara in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Deep Learning Approaches For Bone Cancer Segmentation Using X-Ray Images by Suresh M, Chaithanya R, Lekhana H M, Megha B, Monica N in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Vanet : Simulation and Detection of Black Hole Using NS-2 Tool by Deepika.J, Sangeetha.G, Sushma.B.A, Ku Anjali Jamuda, Trupthi.S in International Conference on Emerging Trends in Engineering, Management &Technology-2022

Stress Detection Using Bio Sensorsand Artificial Intelligence by Deepika.J, Malatesh M, Harish Kumar M, Ranjan B P, D V Narasimha Reddy in International Conference on Emerging Trends in Engineering, Management &Technology-2022

MOU'S & PATENT'S

MOU'S

VINETRA'S EDUTECH PVT. LTD.
EDGATE
LOGINWARE
MBED TECHNOLOGIES

PATENT PUBLISHED

Name of the Faculty	Title of the Patent	Application Number	Published
Dr. A. Muruganandham	Identifying arrhythmias with effective mining algorithms from heterogeneous biomedical records	202241020184	22/04/2022
Dr. D. Sobya	Identifying arrhythmias with effective mining algorithms from heterogeneous biomedical records	202241020184	22/04/2022
Dr. SumithaManoj	Big Data and Cloud Bursting Real- Time Intelligent scheduling using Machine Learning	202141052902	10/12/2021
Dr. P. Bhuvaneswari	Dryland Agriculture and yield gap analysis by machine learning algorithms using IOT sensors	2021104029	25/08/2021
Dr. D. Sobya	Trust worthy electronics voting using adjusted block chain technology	202141035793	13/08/2021
Dr. SumithaManoj	Intelligent- SIM: Multiple Company Mobile Number Installed in Single SIM (Single Sim, Multiple Networks)	202141052902	09/08/2021
Dr. SumithaManoj	A Novel Method For Magnet Electricity Generator Field	202141026242	25/06/2021

PLACEMENTS

Name of the students	Name of the Employer
AASHIKA A	NTT Ltd
AKASH C SAJJAN	Capgemini
AKSHATHA M	NTT Ltd/HCL/ Quest Global
ANUSHA S	Birla soft-2.1LPA
ARJUN E	infosys/Embedes Engineering sulutions
BHAIRAVI H L	Qualitest Group
BHARATHKUMAR V	Expleo Group
BHOOMIKA N	VRIZE/Capgemini
BODHI THRUPTHI	Internshala /Teachnook
CHAITHRASHREE RAMESH	Mindtree
DEVIKA U	Capgemini
DHAKSHAYINI J	TCS
DHARUNI S	Quest Global
DUBBA VENKATA NARASIMHA REDDY	wipro
ENCILATRA J	Hexaware technologies/NTT
FATHIMA BEE	Capgemini/Sasken Technologies

Name of the students	Name of the Employer
GAGAN N Y	Cognizant/TCS
IMPANA R	Hexaware technologies -
JAGADISH	NTT Ltd/Expleo group/BOSCH
JISON ABRAHAM JOSE	Cognizant
KAVYA K	FACE
KAVYA SHANKAR.S	Cognizant- Genc
KRISHNA R	FACE
ANKITHA CHOWDARY	Mindtree /Hexaware Technologies/Quest Global
MALATESH M	Quest Global
CHAITHANYA N	Quest Global
MANJUNATHA S	Infosys
MANOJ P G	TCS
MEGHA J	Hexaware technologies
MINAL M C	6D technologies
NANDITHA.K	Vrize/Quest global
NAVEEN KUMAR N	Expleo Group/Sirma Business/Infosys/Open Five
PALLAVI C	Expleo Group

PLACEMENTS

Name of the students	Name of the Employer
PAVAN R	HCL Technologies
PRASHANTHINI M	Expleo solutions limited/Capgemini/Accord Global
RAJESHWARI S	Cognizant/Qogno Digital
RAMYA R	VRIZE- 6.5LPA
ROHITH J	Sasken Technologies/Byju's
SACHIN M MACHAKANURA	6D technologies-
SAHANA N	TCS
SANGEETHA G	Infinite Computer/Expleo Group
P J SUHAS	Tech Mahindra
SHABISTAN NAYAB	FACE
SHASHANK H R	Infinite Computer-
SHREYA S SHANBHAG	Expleo/VRIZE
SHUBHA C	Mobiloitte
SOURAV S ADIGA	VRIZE

Name of the students	Name of the Employer
SUMITHRA N	FACE/Accord Global
SUPRIYA KT	Sasken Technologies
SUSHMA B A	Teachnook
SUSHMA RAMESH	6D technologies/FACE
SWATI BHOGESH JAMADAR	Capgemini/Ernst and Young
THANMAYA S	Expleo Group-
THEJASWINI N	Ernst and Young- 4.5LPA
UMMEHANI	NTT Ltd/Face
USHA M	FACE
VARNA V NADIGER	Capgemini/Accord Global
VARSHA D	Accord Global
VARUN C	Stratogent-
VIDYA C N	Vrize/Infosys/Capgemini
VISHWAJITH V PAI	Technologics Global/Robosoft/VRIZE
SOWNDARYA H R	6D technologies

SPORTS

KABADDI (GIRLS)- WINNERS
POORVA PAI
SNEHA S
CHANDANA G R
H R SOWNDARYA
DHANUSHREE N A
BHAVAN K N
MALLIKA S
PADMITHA S
HAMSA R
SUSHMA G S
AISHWARYA M

KHO KHO (BOYS) - WINNERS
VARUN C
MANJUNATH Y
CHANDAN J
AKANSH SHETTY
PRUTHVI T G
A MADHUSUDAN
MANOJ D
ABDUL KHADEER KHAN
TUSHAR KHATAWAKAR N
AMARESH C SARAWAD
CHETHAN A KARIGOWDA

VOLLEY BALL (BOYS)-RUNNERS
RANJAN B P
SUHAS K GOWDA
YASHAS J
TUSHAR N K
MUNEEB GULL
SYED AVEZ HUSSAIN
JITHENDRA NAYAK
SHAKTHI V
PUNITH B
THOUSIF ALI
PRAJWAL P

100 METERS BOYS- I
RNAVNEETH YADAV

100 METERS GIRLS -II
SUSHMA

SHOT-PUT GIRLS - II
RISHITHA R SHETTY

FOOT BALL - RUNNERS
ROHITH J
AKANSH SHETTY
PAVAN KALYAN
PRAJWAL B R
KALIPRASAD M
KRISHNA R
SAMEER K

KHO KHO (GIRLS)-WINNERS
MALAVIKA C
SUPRIYA K T
CHANDANA G R
H R SOWNDARYA
DHANUSHREE N A
BHAVANA N
BHAVAN K N
MALLIKA S
NEELAVATHI S
DEEPIKA B
SUSHMA G S
AISHWARYA M

CARROM (GIRLS) - RUNNERS
CHAITHRA V
RISHITHA R SHETTY

TABLE TENNIS (GIRLS)-RUNNERS
DEEPIKA H S
CHANDANA R

RELAY BOYS - I
NAVNEETH YADAV
ABDUL KHADEESH KHAN
CHANDRASHEKAR R
AMARESH C SARAWAD

RELAY GIRLS - II
SUSHMA
SOUNDARYA
RASHMISHREE N
SOPHIA ANTHONY N

CULTURALS

Event	Prize Winners	Award	Event	Prize Winners	Award
Sketching	Sri Hari Chandrakanth	First	Navarasa	Gireesh J	Second
Gaming	Shreyank H	Third		Chandana G R	Third
	Sameer		Essay (K)	Akshatha B	Second
Debate	Manoj D	Second	Essay (E)	Varun C	Third
	Lokanath M	Third	Essay (H)	Poorva Pai	Second
Quiz	Akash C Sajjan	Second	Damb Charades	Jaswanth Gowda Ac	Second
	Aishwarya M	Third		Monaj D	
Insta Reels	Chandana G R	Third		Manjunath Uppar	
Stand-up Comedy	Anup G Prabhu	Third	Tug of War	Yashaswini S	First
Pot Breaking	Prashanth R S	Second		Usha M	
Vegetable Carving	Yashaswini	Second		Rishika A Anekar	
Collage	Guna	Third		Varsha D	
	Ujwal E			Sangeetha G	
Photography	Rishitha R	Second		Trupthi S	
Cooking without fire	Arjun E	First		Ankitha Chowdary	
	Rashmi			Bodhi Thrupthi	
	Spriya K T		Red Carpet Day	ECE STUDENTS	Second
			Squad / Army Day	ECE STUDENTS	First
			Fashion Show	ECE STUDENTS	Third

RRCE CHAMPION'S-2022

WITH STUDENTS ECE HOD DR. L RANGAIAH RECEIVING OVERALL CHAMPIANSHIP
TROPHY IN KALASOURABHA FROM PRINCIPAL DR. T CHANDRASHAKER

the annul sports meet is held on 10th and 11th June 2022. many outdoor Games, Athletics and Indoor games were conducted.

the cultural fest KALASOURABHA 2022 has officially launched and the Main Function held on 25th June 2022 at ACS Convention Centre, RajaRajeswari Medical College & Hospital, Mysore Road, Bangalore. The Cultural Team of RajaRajeswari College of Engineering presents Festival For All. The Festival of cultural events is organized and conducted from 23rd to 25th June 2022.

The Guest of Honors: for main function are BAANG Movie Team-Ms. Shanvi Srivastava, Cine Actress, Sri. Ganesh – Film Director and from HONDISI BAREYIRI Movie Team-Sr. Praveen Tej, Cine Actor, Ms. Aishani Shetty, Sri. Naveen Shankar, Cine Actor, Sri. Ramenahalli Jagan, Film Director.

Our students have actively participated and got prizes in most of the events. By scoring 150 points in cultural and 75 points in sports , the department of Electronics and Communication Engineering has become an overall Champion's of RRCE for this academic year.

ALUMNI VOICE

I take privilege for being an alumni of RRCE. Our department was kind enough to provide the much encouragement and technical support which made us to achieve success. RRCE helped me to gain confident, positive attitude, leadership qualities. This college is the perfect match of education, learning and growth. Here students improve each day. Every hardship that students undergo is perfectly planned to add value to this learning. Our department faculties are supportive in all aspects. I am happy to be the part of RRCE family.

MOHAMMED YASIN SHABHAZ
DIRECTOR
X-CIENCIA TECHNOLOGIES INDIA PVT LTD,BANGALORE

I'm ecstatic to express a few words as a receiver of knowledge from a great organization. It is always good to strive for Progress not perfection, but RRCE not only helped me in my progress but also made me realise the importance of perfection. It was an honour for me to be a part of RRCE. Our department and each faculty was humble and supportive in every step towards our goal which inspired us to achieve greater heights. I'm thankful to each and every staff members and organization for all those shower of knowledge with great motivation and encouragement.

MR. KARTHIK
SENIOR PRODUCTION COMPLIANCE ASSOCIATE
AMAZON INDIA PVT LTD