

RAJARAJESWARI COLLEGE OF ENGINEERING

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

Department of Electronics & Communication Engineering

NEWS LETTER SAMPARKA VANI



Sri. A. C. Shanmugam
B.A. L.L.B, FIMSA, FRCPS (Glasgow, U.K)
Chairman, RRG



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



Dr. T. Chandrashekar
Principal, 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.

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.

About Department

RajaRajeswari College of Engineering (RRCE) established in the year 2006 under the shelter of Moogambigai Charitable and Educational Trust. RRCE is recognized by AICTE, New Delhi and is affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka.

The department of Electronics and Communication Engineering (ECE) of RRCE was established in 2006 with an initial intake of 60 students to the Under Graduate (UG) program and enhanced to an intake of 120 students in the year 2013 -14. The department is also has a recognized Research Centre (RC) by VTU from 2016. With these activities on-hand, the overall objective of the department is to contribute significantly, to the realization of the Vision of RRCE. . We are also collaborating with industries such as Karnataka Hybrid Micro Devices, Win global Tech, Bangalore, Apsis Solutions and many more. All the activities are held through professional societies like IEEE, ISTE, IETE or Departmental club. Department is accredited by NBA for 6 years under TIER-II from 2016-2022 and NAAC with A Grade .



Dr. Rangaiah L
Professor and Head,
Department of ECE,

Prof. Chaithanya S
Assistant Professor ,
Department of ECE,



Editors note

We are excited to launch the latest issue of "SAMPARKA VANI" Newsletter from the Department of Electronics and Communication Engineering. The digital way of communication with our students, Teachers, alumni, and Industrial partners is done through this newsletter. This newsletter will offer a brief overview of the accomplishments and activities of the department. Additionally, it informs the readers of the most recent events in the division with an emphasis on various activities. We want to express our gratitude to the management, teaching, non-teaching and our students for their unwavering support.

DEPARTMENT EVENTS

4th National Conference on “VLSI, COMMUNICATION AND SIGNAL PROCESSING” (NCVCS-2021)

Department of Electronics and Communication Engineering organized, the 4th National Conference on VLSI, Communication and Signal processing (NCVCS-21), took place on the 18th August 2021. The event was held at Dr. A.P. J. Abdul Kalam Hall, RajaRajeswari College of Engineering, Bengaluru. The primary objective of NCVCS-2021 is to establish an effective platform for Institutions and Industries to share ideas and to present the works of Scientists, Engineers, Academicians and Research Scholars in the fields of VLSI design, Communication Technologies and Signal Processing. The likes of Dr. N. Rana Pratap Reddy, Principal, Global Academy of Technical Education, Bengaluru, and Dr. M. GIRISH CHANDRA, Principal Scientist, TCS, Bengaluru graced the event. The virtual Conference started with the inaugural function 10.00Am (in Blended mode), with all the dignitaries and the keynote speaker.

Chandana GR from 4th semester, ECE student did the anchoring and Invites Guests on to the dais. The inaugural function starts with Prayer; Sanjana from 4th sem ECE dedicated a prayer to the god followed by Lighting of The Lamp By Dignitaries as a symbol of knowledge.

Dr. L Rangaiah, Convener of NCVCS, brief about the conference.

Dr. T. Chandrashekar , Principal, address the gathering, Dr. R. Balakrishna, Dean, grace the event, and Dr. S. Usha, Dean Research, spoke about the need of conferences.

Prof. Sunitha R introduces the Guest of Honour, Dr. N. Rana Pratap Reddy, He gave nice talk on importance of conferences, FDP's, workshops and its impact on the growth of Institutions. Also he pointed where we are lagging in the era of technical education. Prof. Vani S Badiger introduces the Chief Guest Dr. M. Girish Chandra, he spoke about the technical Skills required for the next generation. Dr. S M Vijaya gave vote of thanks. The inauguration followed by tea break, The morning sessions started in parallel as virtual mode. Post lunch afternoon session started followed by Valedictory, in which the Best paper awards and certificates for participants were distributed in virtual mode.

There are 3 Parallel sessions were held with External session chair- Dr.P.Shanthi, Associate professor, Dept of Electronics and Telecommunication Engineering, RVCE, Bangalore. Dr. T. Senthil Kumaran, Associate professor, Dept of CSE, ACS College of Engineering, Bangalore and Dr.P.M. Shivakumara Swamy, Professor, Dept. of ECE, JSSATE, Bangalore. Internal session chair- Dr. J.Amutharaj, Professor, Dept of ISE.

Dr. D. Sivakumar, Associate professor , Dept of CSE & Dr. A. Muruganantham, Professor, Dept of ECE, RRCE, Bangalore.

We would like to take this opportunity to thank everyone involved -the host, Participants, Speakers, management, principal and event partners for contributing to the success of the conference.



NCVCS provides a wide range of quality publications that make the exchange of technical knowledge and information possible among technology professionals.

The conference proceedings published in Web of Science:
<https://mjl.clarivate.com/search-results>
ISSN: 2319-4979



DEPARTMENT EVENTS



Webinar On “Optical Communications and Photonics”

By Dr. T Srinvas
Professor, Dept of ECE
Indian Institute of Science(IISc),
Bangalore



Present broad band applications like fiber-to-the-home, national broad band networks etc are possible mainly due to developments in fiber-optics. In analogy with Electronics, Photonics is the science and technology of using light-wave particles, with applications ranging from optical communications to sensors to biomedical applications to quantum computing.

this webinar gives a brief idea on
-Basic of photonics v/s Electronics
-Elements of Optical communications
- Integrated Optics
-Wavelength division Multiplexing (WDM) and Terabit.
-Real time applications of Photonics to the students

·Date: 8th May 2021
·Platform: Microsoft Teams

Webinar On “How to be a successful Entrepreneur”

By ·Ms. Amulya .V
Managing Director,
Chokmach Technologies Pvt. Ltd,
Bangalore

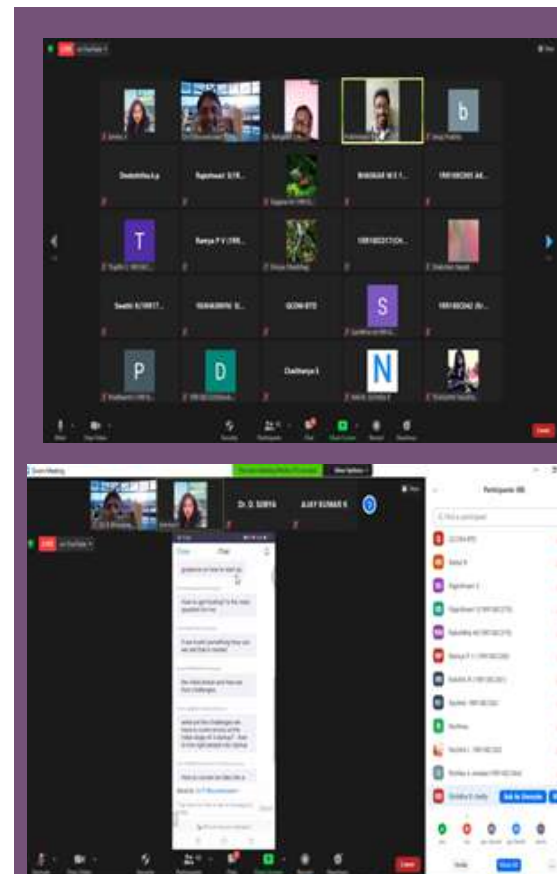


The Objective of this webinar is to enlighten the students with basic knowledge of entrepreneurship and also to provide a guidance for start-up funding and the challenges to be faced to become an successful entrepreneur.

·Date: 15th May 2021
Platform: Zoom and Youtube

she gave an idea on

- How to register their business in the government portal.
- Different schemes of employment for the skilled youths.
- Available startup funding schemes.
- Various empowerment women projects schemes available.



DEPARTMENT EVENTS

Webinar On “Consequential Software Knowledge required for Successful Electronic Engineer”

By Mr. Pavan Kumar K R,
Electronics Engineer,
Intelligence System and
Robotic Development Department,
CAIR, DRDO, Bangalore



The main objective of this webinar was How Python is very easy and important for circuit branches and Why circuit department students should learn Data analytics software

Date: 5th June 2021

Platform: Microsoft Teams link: <https://bit.ly/3vQkb2l>

Mr. Pavan Kumar gives a brief idea on python Programming and its application in communication. he also explains why Data analytics software is important for circuit branches. what are the job opportunities in software Industries in contrast to this.

Webinar On “Overview of Wireless Communication and Current Market Trends”

By Mr. Harish Dayalan
Software Tester, Nokia,
Crypto Day Trader ,Digital Content Creator,
Director of Sweng Solutions Pvt Ltd,
Director of Hash Premium Chocolate Makers Pvt Ltd



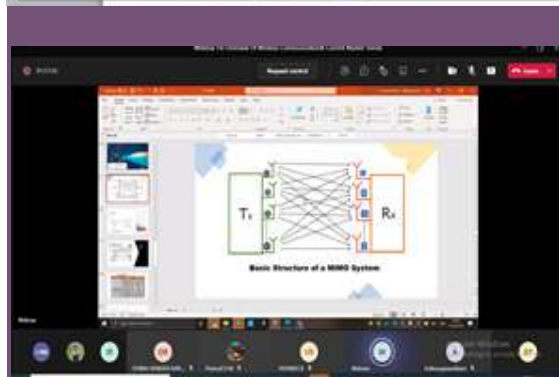
The Objective of this webinar is to educate the students with fundamental knowledge of different generations of wireless communication systems. and they learn about the virtual machines and current market trends

Date: 12th June 2021

Platform: Microsoft Teams

He talk on

- History and evolution of wireless communication
- Physical Layer of Mobile Network system
- Network Handshaking Technologies and Shared data Layer
- Virtual Machines and P2P communication (IPV4)
- Current Market Trends and Current Market Technology
- When 5G is coming to market what are the challenges to be overcome



DEPARTMENT EVENTS



Webinar On

“Internships, Placement Preparation & Career planning for 4th and 6th Semester Students”

By Mr.Siva Kumar Gowda,
HR Manager ,
Tequed Lab,Bengaluru

Mr. ShivaKumar Gowda discourse on

- Stages of Engineering Course such as Exploration, Introduction to domain, Learn innovate explore, Prepare for the future
- Engineering 1st, 2nd and 3rd year highlights - Study core subjects, explore multiple technologies ,programming languages ,projects etc.

·Date: 19th June 2021

·Platform: Zoom Meeting

- Becoming interview /Job ready – Prepare a strong Resume, Technical placement preparation, understand the type of companies and identify the different job roles.
- Path to get into TOP product based companies- Learning Programming languages, strong foundation in data structure, Algorithms, Database, and Networking, Experience with working on projects on emerging domains, Participation in Hackathons, Ideathons.

Webinar On

““How to select the Internship Topic on Embedded Systems and Internet of Things with Android App Development”

By Mr.Kushal Vishnu Nesarkar,
Embedded System Engineer ,
EdGate Technologies Pvt Ltd, Bangalore

“Embedded Systems and API Level Programming for ARM Cortex M4F Microcontrollers” and is based on the advanced development tools from Texas Instruments. The Tiva TM4C123GXL Development Kit offers a complete High Performance Embedded solution while integrated with Code Composer Studio IDE which simplifies the application development

Date: :19th August 2021
Platform: Zoom

He talk on

- Introduction to Embedded Systems and Code Composer Studio IDE
- Concepts of different Peripherals and API Level programming
- Interfacing External Modules to the Microcontroller
- Introduction to Microcontroller and Energia IDE
- Introduction to TI-RSLK Max and Android App Development
- Robotics with IoT
- Students learned how to write simple programs.



DEPARTMENT EVENTS

National Level Entrepreneurial Leadership Webinar on “Recent Innovations in Electronics”

Jointly organized By
Department of Electronics and Communication Engineering
&

RajaRajeswari Institution Innovation Council (RRIIC)



Resource Person:

Mr. A T Kishore,
Chief Executive Officer,
Vidhya Sangha Technologies Pvt.
Ltd,
Bangalore.

Department of electronics and communication engineering and Rajarajeswari Institute Innovation Council jointly organized a webinar on “Recent Innovations in Electronics” ON 24th July 2021 Saturday at 11.30 A.M. through Zoom Platform To provide an awareness session on Recent Innovations in Electronics and create an interest and motivation to the students and faculty members on how to contribute to the society using latest technological developments in Electronics.

Mr. A T Kishore lightened on different innovation areas of Electronics.

The Faculty members, Research Scholars, UG and PG Students are sensitized on recent technological innovations in Electronics.

It Create awareness on support extended by innovation and ideation by Government organizations to the students
·Sensitize the Participants on how the students, faculty members and aspiring innovators can innovate new innovative applications, innovative devices and services for the betterment of the society
·Gathered knowledge on Thrust areas in which aspiring innovators must focus such as Rural Agriculture, Rural Healthcare, Rural Education, Traffic monitoring and guiding solutions to the Metro cities and Waste Management solutions.

Organizing Committee :

Dr.T.Chandrashekar,
Principal
Dr.R.Balakrishna,
Dean – RRCE & IPR Cell Co-ordinator
Dr. L. Rangaiah,
Professor & Head, ECE,
Dr.A. Muruganandham,
Professor-ECE & Co-ordinator - ED Cell,
RRIIC
Dr.S.Usha,
HoD – CSE & Dean – Research & Innovation
Dr. Amutharaj Joyson,
Professor & HoD - ISE & President – RRIIC
Dr.C.Ramesh,
Professor and Head, Mech. Engg.,
Convener – RRIIC
Dr.D.Sobya,
ASP - ECE & Start up Co-ordinator - RRIIC

RAJARAJESWARI COLLEGE OF ENGINEERING
#4 Ramakrishna Cross, Hombegur, Mysore Road, Bengaluru - 560076

CET Code: E145 COMEDK Code: E099 PGCE Code: T858

Department of Electronics and Communication Engineering
&
RR- Institution Innovation Council
Jointly Organised

National Level Entrepreneurial Leadership Webinar on
“Recent Innovations in Electronics”

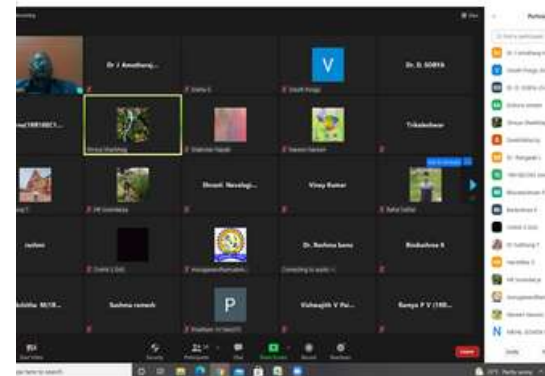
Resource Person
Mr. A. T. Kishore (Rtd.)
CEO
Vidhya Sangha Technologies Pvt Ltd.
Director IIA / Strategy Partner
Factorialab
IEEE Senior Member

Organizing Committee
Dr. T. Chandrashekar,
Principal, RRCE
Dr. R. Balakrishna,
Dean - RRCE
Dr. S. Usha,
Dean - R&I
Dr. J. Amutharaj,
President - RRIIC
Dr. C. Ramesh,
Convener - RRIIC

Staff Co-ordinators
Dr. Rangaiah L, Prof & Head - ECE
Dr. A. Muruganandham, Prof - ECE
Dr. D. Sobya, Associate Professor - ECE

Admissions open 2021-2022
MOB: +91 9008845678 PH: +91 8028437128 / 080 28437375
E-mail: admission@rree.org
Website: www.rree.org

Meeting ID : 8634386115
Password : rrbli





Raja Rajeswari College of Engineering
Kumbalangi, Bengaluru.



RRK Institution Innovation Council (RRIIC)



pongu ventures

Jointly Organizing by ECE and RRIIC

Resource Persons

Mr. Arun Venkatesh
CEO, Parts2Product

Mr. Sankaranayagam
CTO, Parts2Product

Topic:

IoT Rapid Prototyping



zoom Id : 8634386115
Password : rrbli

on Wed, 17th March 10.30 A.M. to 11.30 A.M

Dr. D. Subbar
Head of Center/Innovation
Professor & P&A, ECE

Dr. R. Ananthakrishnan
Dr. R. Ranganathan

Dr. Vignesh K.M
Innovation Cell- RRIIC- AP-06

Prof. T. Chandrasekhar
M. Tech., Ph.D Principal

Prof. S. Raghavakar
AP-08

Prof. J. Sreed
AP-06

Jointly organized By
Department of Electronics and
Communication Engineering
&
RajaRajeswari Institution Innovation
Council (RRIIC)

- Internet of Things (IoT) - Introduction
- IoT based Innovations for societal applications
- IoT Sensors and Components & Interfacing
- Applications of IoT for Home Automation
- Applications of IoT for Industrial Automation
- IoT Applications and Services for Social Change
- How IoT can be deployed for Rapid Prototyping

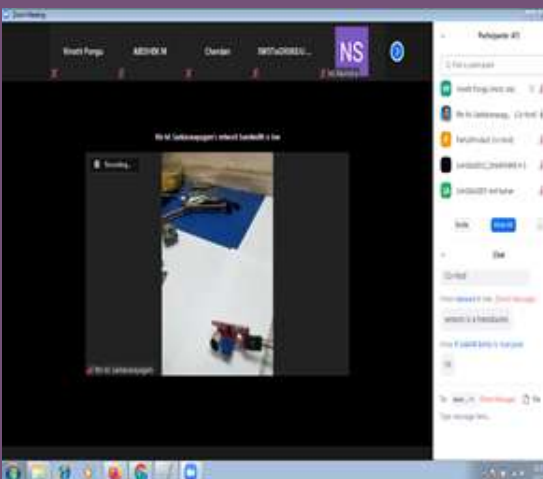
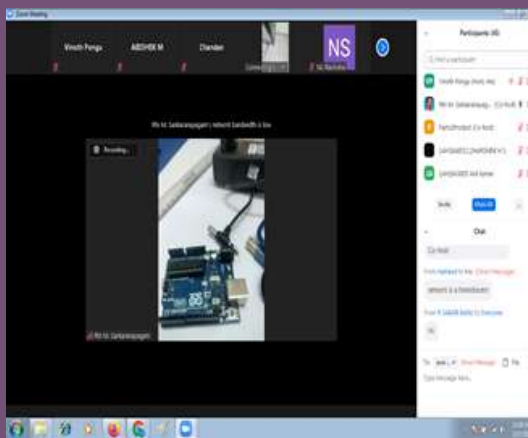
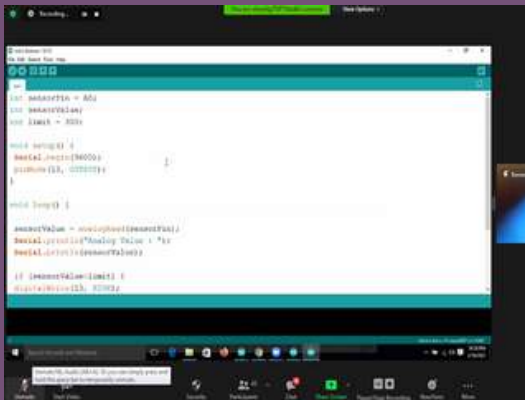
Dr.T.Chandrashekar
Principal, RRCE
Dr.L.Rengaiah,
Professor & Head - ECE
Dr. Amutharaj Joyson,
President - RRIIC
Dr.D.Sobya,
Start up Co-ordinator- RRIIC
Dr.K. Aravinthan,
NIRF Co-ordinator-RRIC
Dr. A. Muruganandham,
EDC Cell - RRIIC
Dr.Vijaya S.M,
Innovation Cell, RRIIC
Prof. Sincy Elezebeth Kuruvilla,
Social Media Co-ordinator - RRIIC

Mr. Sankaranarayan,
CTO, Parts2Product

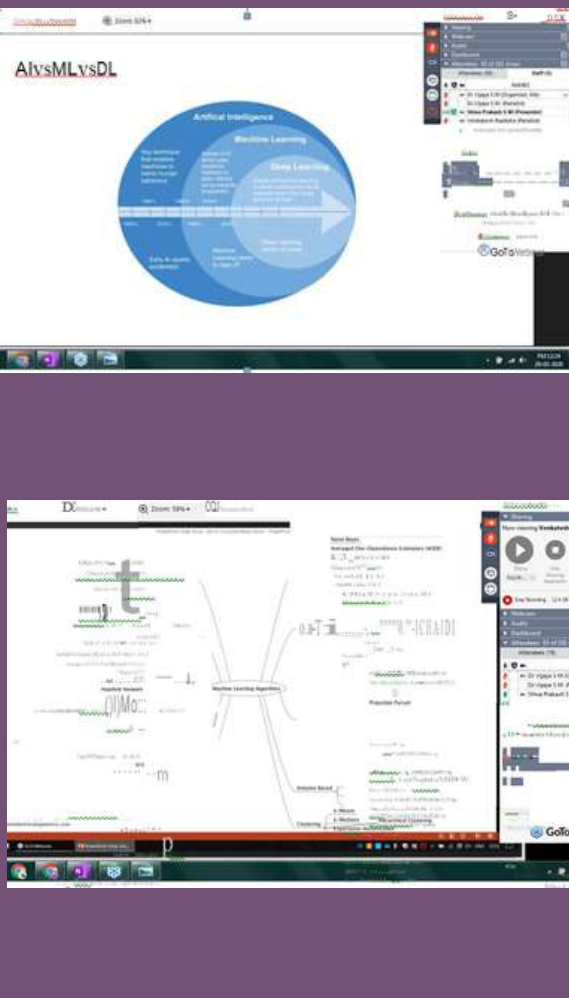
Department of ECE & RajaRajeswari Institution Innovation Council (RRIIC) of RajaRajeswari College of Engineering, Bangalore jointly organized a National Level Leadership Talk on “IoT Rapid Prototyping”

on 17th March 2021 Wednesday
at 10.30 A.M. through Zoom
Platform.

The main objective of this program is to make our students to practically implement their ideas , which gives benefits, risks and costs associated with their designing products



DEPARTMENT EVENTS



Webinar On

“Digital Communications with focus on Telephone Exchanges, GSM and New Generation Networks”

By, Mr.Anandkumar S Rangrez ,
General Manager,
BSNL Bengaluru Telecom District



The objective of this webinar is
·To learn basics of digital
communication and
·To explore new generation
networks

Mr. Mr.Anandkumar S Rangrez
explains about

- The Different kinds of
exchanges
- Over view of GSM
- GSM Network Architectures
- Lucent next generation
networks vision and
architecture

·Date: 12th September2020

·Platform: GoTo Webinar platform

Organizing Committee

Dr. T.Chandrashekar , Principal
Dr. L.Rangaiah , Professor & Head
Dr. Vijaya S.M, Associate Professor
Dr. R.Gangadhar Reddy , Associate
Professor

Webinar On

“Best Engineering Practices & Devops”

By Mr. MithunChavan ,
Staff Data Engineer,
VISA,Inc,Bangalore



▪ The talk was about Best
Engineering practices - this will
help students know the ground
reality on What is expected when
they graduate from college.

▪ DevOps- this is the leading
methodology now in Software
Industry. This helps any software
build run parallel n scaling.

▪ This is one of the highest paid
and a easy understood
technology which is hit cake in
market.

Our students learn the basics of
dev ops and the job opportunities
in software Industries .

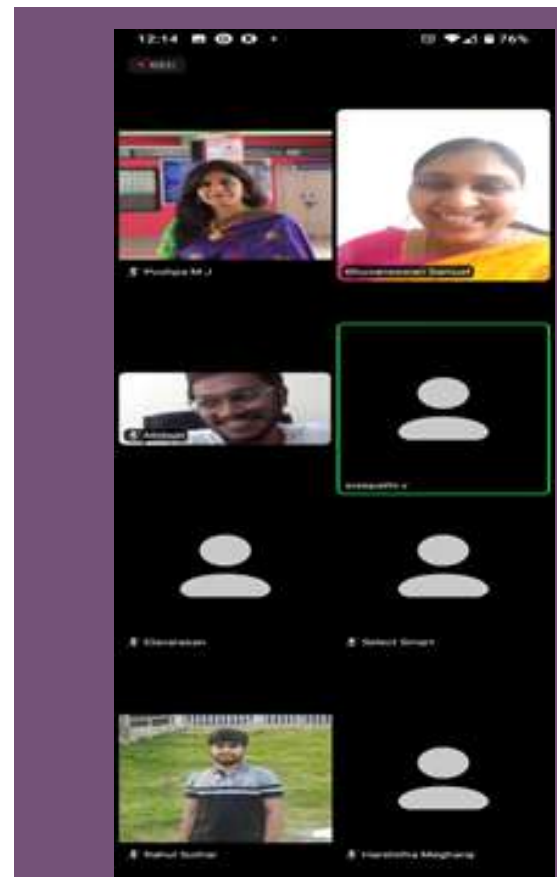
They learnt about the best
practices to be followed once
they. Graduated

Organizing Committee

Dr. T.Chandrashekar , Principal
Dr. L.Rangaiah , Professor & Head
Dr. P Bhuvaneswari, Associate
Professor

Date: 19th September2020

·Platform: Zoom



DEPARTMENT EVENTS

Webinar On “Deconstructing Software Industry: The Arena of Intrigue”

By Mr.Chandan J.V,
Service IT Development ,
Program Senior Association,
NTT,DATA,Bengaluru



The main Objective of this webinar
is To know about soft ware
company job nature, higher
education.
To explore next generation job
opportunity

Our esteemed Alumni Mr.
Chandan J V gives an idea on
·Future job scope
·Higher education
·World outside college
·About front end back end job
nature

Date: 9th November 2020
·Platform: Zoom

Organizing Committee

Dr. T.Chandrashekar , Principal
Dr. L.Rangaiah , Professor & Head
Dr. Sumitha Manoj, Associate
Professor

Webinar On “Gate Awareness Program – Benefits and Career opportunities with GATE”

By,Mr.Akash Pushkar,
IIT

Kanpur

he gave so many tips to face the
competitive exams

- The Students gained knowledge on Importance of the GATE exam.
- GATE secures future by enabling students for number of jobs in Research Centers, Universities and other technical fields. Keeping its results aside, the mere preparation of this exam helps students in preparing for Indian Engineering Services.

·Date: 10th October 2020
·Platform: Zoom

Organizing Committee
Dr. L.Rangaiah , Professor & Head



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GATE AWARENESS PROGRAM

Benefits & Career Opportunities with GATE

10th Oct '20, Saturday
11:00 am onwards

Session by
Mr. Akash Pushkar
M.Tech - IIT Kanpur
10+ Years Of Teaching Exp.
Industry: Data Scientist in Accenture

In association with
**Dept. of Electronics & Communication Engineering**
Rajarajeshwari College of Engg.
HOD: Dr. L Rangaiah

Session will be on Zoom app 
Link : bit.ly/tgasessionjyr

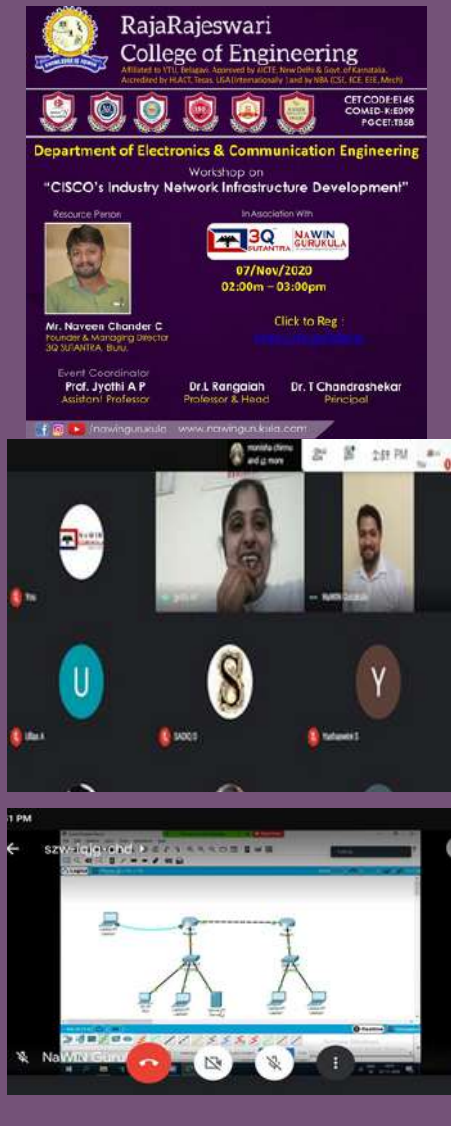
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Jayanagar 4th Block, Land Mark: Above: RAMRAJ COTTON, Bangalore-560011

www. thegateacademy .com

DEPARTMENT EVENTS



Virtual Warm-up Technical Workshop on “CISCO’s Industry Network Infrastructure Development”

By Mr.Naveen Chander C,
Founder & Managing Director
3Q SUTANTRA,
Bengaluru



The main Objective of this Workshop is
To learn basics of CISCO Networking
To explore Designing & Planning of
Industry Network

Mr. Naveen Chander C nicely thought our students about

- The Importance of Networking in Digital Industry
- How to Gain Knowledge on CISCO Technology
- Designing & Overview of Network Configuration

Date: 07th November 2020
Platform: Google Meet

Organizing Committee

Dr. T.Chandrashekar , Principal
Dr. L.Rangaiah , Professor & Head
Prof. Jyothi A P, Assistant Professor

Workshop on “LaTeX for Professionals”

By
Dr. R Gangadhar Reddy,
Assoc. Prof.
Dept. of ECE,
RRCE



The main Objective of this Workshop is

Students, faculty, and researchers often need to write a technical document. LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. It is the de facto standard for the communication and publication of scientific documents.

Date of FDP: 22 to 26 March 2021
Venue: Seminar Hall, Dept of ECE

The broad objectives of the course are:

1. To understand LaTeX, a document preparation system for high-quality typesetting.
2. To understand features of LaTeX.
3. To have hands on experience to become a user of LaTeX

Dr. Gangadhar Reddy Explains

1. Introduction to LaTeX
2. Mathematical environment
3. Tables, figures and tikz pictures for vector graphics
4. Referencing in the report (BibTex)
5. IEEE paper format, Report

DEPARTMENT EVENTS

FACULTY DEVELOPMENT PROGRAMME ON “ IOT - An Enabling Wireless Sensor Networks ”

By,
Dr. Rangaiah L, Prof & Head ECE,
Prof. Chaithanya S
Prof. Vani S B
Prof. Haritha K S
Prof. Santhosh Chavan

Date of FDP: 10th to 14th May 2021
Venue: Seminar Hall, Dept of ECE

FDP objective:

An IoT (Internet of Things) Wireless Sensor Network (WSN) refers to a group of spatially dispersed and dedicated sensors for monitoring, and recording the physical conditions of the environment, and collectively pass on such data through a wireless network to a internet-based location.

WSNs measures the environmental conditions like temperature, sound, pollution levels, humidity, wind speed and direction, pressure, etc. This FDP gives the knowledge on recent advancements in the field of wireless sensor networks with IoT.






many faculty members of different disciplines have registered and taken benefit

Participants have gained the knowledge on writing a good technical/research paper.

Participants have sufficient knowledge about different topics in wireless sensor network

Sessions on patentable research guided the participants to recognized and work towards patentable research.

Awareness on different skill, tools and methodologies have helped the participants to further their research.

Session	Resource Person	Topics covered
DAY-1 06.09.2021	Dr. Rangaiah L, Prof & Head ECE, 	Recent trends in communication with IoT Funding agencies
DAY-2 07.09.2021	Prof. Chaithanya S 	Cyber Security
DAY-3 08.09.2021	Prof. Vani S B 	Communication for IoT application
DAY-4 09.09.2021	Prof. Haritha K S 	2021 New ideas & innovations in the technologies
DAY-5 10.09.2021	Prof. Santhosh Chavan 	Next generation wireless communication

DEPARTMENT EVENTS



Professional Development Programme on “Advanced Communication Lab Experiments”

Resource Person :
Mr. Ravi Kumar T,
Technilab Pvt. Ltd.
Bangalore

The main Objective of this PDP is

To make the faculty proficient in lab experiments. Both the resource persons give a fruitful knowledge on advanced communication lab experiments.

Date : 02nd & 03rd June 2021

Venue : Communication Lab, Dept. of ECE

Dr. Bhuvaneswari P,
Associate Professor,
ECE Dept., RRCE

Participants came to know how to determine the characteristics and response of microwave waveguide, microstrip antennas and devices and compute the parameters associated with it. o Participants came to know how to design and test the digital and analog modulation circuits and display the waveforms and simulate the digital modulation systems and compare the error performance of basic digital modulation schemes. o Participants learnt about the characteristics of optical fiber and the various losses

MOU'S

Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc.

Mbed Technologies

APSYS solution

Chokmah Technologies Pvt. Ltd.

X-Ciencia Technologies India Pvt. Ltd.

ATS Info Tech Pvt. Ltd.

Chokmah Technologies Pvt. Ltd.

X-Ciencia Technologies India Pvt. Ltd.

UC Berkeley- IAG & FICE education provate limited

ATS Info Tech Pvt. Ltd.

Shreekrish innovations R & D lab

Institute for research and Development, Bhubaneswar, Odisha, India

Technical Instruments

Dr. Ganesh Naik, University of Technology, Sydney, Austrlia


























Saakshin Technology Pvt. Ltd

Gemini Elctro corporation

Winglobal Tek

Karnataka hybrid micro devices Ltd

Grants received from Government agencies for research projects

Sl. No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-Investigator	Amount Sanctioned	Name of the Funding Agency
1	Stratergies to Detect COVID-19 and Measures to Prevent it	Dr. Vijaya S M Harshitha M, Niharika M Amrutha, Vinay R and Shashank H S	6000	KSCST
    				
2	AI/ML Based Underwater Wireless Sensor Network for Treatment of Industrial Effluents	Dr. Jyothi A. P. Arindam Saha, Ashwini R, Neha S and Kainath Sultana	5000	KSCST
    				
3	Robot for the treatment of communicable diseased patients using AI and ML	Dr. Rangaiah L, Jeevitha.K.R, Devika.S, Meghana.K.R, Hemanth.M	5000	VTU
    				
4	Children security and Tracking with an alert system using GSM and GPS Technology	Prof. Santosh Chavan, Vaishnavi S, Varuni L N, Sonika M R, Sharath K	5000	VTU
    				
5	Underwater Sensor Network Communication to Prognosticate Natural Catastrophe	Prof. Sreepathi, Arindam Saha, Ashwini R, Kainath Sultana Neha S	5000	VTU
    				

- Dr. A. Muruganandham, "Secure E-Health using Images Steganography", Journal of Physics: Conference Series, Apr-21, doi-10.1088/1742-6596/1917/1/012016
- Dr. A. Muruganandham, "A Novel Optic Disc and Optic Cup Segmentation Technique to Diagnose Glaucoma using Deep Learning Convolutional Neural Network over Retinal Fundus Images", Journal of King Saud University - Computer and Information Sciences, Feb-21, ISSN 1319-1578Doi.org/10.1016/j.jksuci.2021.02.003
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CONGRATULATIONS TO THE KALASOURABHA 2021 WINNERS FROM OUR DEPARTMENT



Chandana G R
Funky Dress-1st prize
Navarasa- 3rd prize
Debate (English)- 3rd prize



Kalpitha R Gowda
Pick and Speak-1st prize
Debate (English)- 3rd prize



Darshan M
Navarasa-1st prize



Swetha S
Drawing-2nd prize



Abishek M
Debate (English)-2nd prize
Pick and Speak- 2nd prize



Thanmaya S
Dam Charads-2nd prize
Dancing-3rd prize



Sangeetha G
Dam Charads-2nd prize
Funky Dress-2nd prize



Bavana K N
Instagram Reels-2nd prize



Gowthami R
Debate (Kannada)-2nd prize



Prathyusha H Kumar
Poetry (English)-2nd prize



Ku Anjali Jamuda
Painting-3rd prize



Jithendra Nayak H N
Photography-3rd prize



Sanjana H
Singing-3rd prize



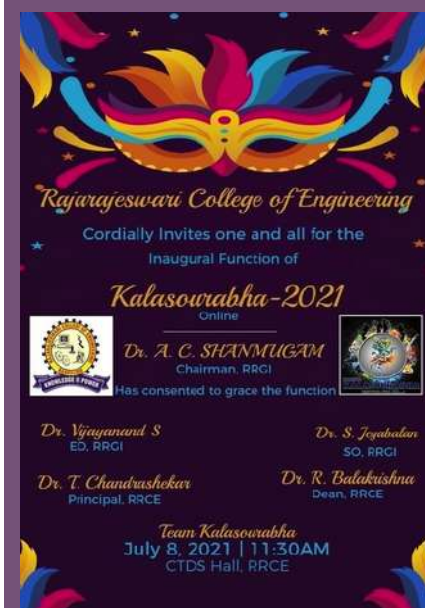
Chandana R
Poetry (Kannada)-3rd prize



Bodhi Thrupthi
Photography-3rd prize



Akash C Sajjan
Quiz-3rd prize



PLACEMENTS

Congratulations to all the students who were hired by the following companies.
our best wishes for a better future to each and every one of you!

STUDENT NAME	NAME OF THE COMPANY
Shradha Damodhar	TCS/HP/Capgemini
Arindam Saha	HP
Sandeep M	HP
Jeevitha KR	Qspiders
Pooja S Hugar	Global Technologies /TCS
Roopa M	FACE/CHEGG India
Yuvaraj R	FACE/Bright Champs
Rithushree	Chegg India
Gaganapritha V	Chegg India/Capgemini
Rajashree C	Chegg India/GRL Technology Pvt.Ltd
Santhosh Kumar G	Chegg India/Accenture
Kavyashree S	Chegg India
Nihaarika M Amrutha	Chegg India
Navajith N	Pentagon Space
P S Leela Kumar	Pentagon Space
H Harshitha	Accenture/Pentagon Spcae/Capgemini
Chethana M	Accenture/MainTec's
Ashwin P V	MainTec's/BYJU's

STUDENT NAME	NAME OF THE COMPANY
Sonika M R	MainTec's
Vaishnavi S	MainTec's
Varuni L N	MainTec's/ASM Technologies
Vidyashree K V	MainTec's
Yashaswini S	MainTec's/DXC Technologies
A S Puneeth Kumar	MainTec's
Harshitha R	MainTec's
Pavithra Kumar	MainTec's/Bright Champs
Sanjay S	MainTec's/Pentagon Space/Chegg India
Chithra N	Wipro/Capgemini
Anu Suresh	HCL Technologies
Sandeep	HCL Technologies
Md. Shoiab Pasha	STRATOAGENT
Sathish S	STRATOAGENT
Divya D N	DXC Technology/Chegg India
Harshitha M	Cognizant
Abhishek.M	Smart Brains (For HCL)
Aishwarya	Smart Brains (For HCL)

CONGRATULATIONS

STUDENT NAME	NAME OF THE COMPANY
Yashaswini B D	Smart Brains (For HCL)
Vihara Shetty	VRIZE
Keerthana	HP
Sneha G	TCS/Capgemini
Chandana.C	Grassroot/Vtiger systems India pvt. Ltd
Ranjitha.M	Grassroot
Sahana.N	Grassroot
Tejesh.P	Grassroot
Shradha Suman Jena	Grassroot
Varshitha M V	Grassroot
Nagarjun	Byju's/ MainTec'sArisGlobal
Ashwini R	TATA Elxsi Ltd.
Swathi K	TCS
Vinutha J	Utthunga
Pavan Kumar Reddy	Mphasis
Avinash R	MindTree
Chethan N	THIS
Soumya S	Granite River Labs

STUDENT NAME	NAME OF THE COMPANY
Gayathri D	Capgemini
Thanushree	Capgemini
Dhruthi M Pithadia	Capgemini
Bindushree	Capgemini
Harshitah H	Capgemini
Abhishek Gouda	Capgemini
Nayana K R	Capgemini
Ksagar	TCS
Chandan B V	Cognizant
Vinay R	ComputaCentre
Rakshitha N	Jio digital life
Doreswamy H N	Edgeverve-Infosys
Afshan Khanum	Accenture
Uzair Nouman	Dreamgains Financials India Pvt.Ltd
Pavithra R	Amella Blobal Services Pvt. Ltd
Chaitra R	DXC Technologies
Goutham M	NTT DATA

ALUMNI VOICE



APOORVA B S

BE-ECE(Electronics & Communication) (2009 – 2013)

Company :Panasonic Automotive system Europe GmbH,Germany

Domain :Automotive Vehicle infotainment

Designation :Hardware Design and Validation Engineer

“Shoot for the moon. Even if you miss, you”ll land among the stars.”

I am thankful! My department still welcomes me as an alumnus to share my views. My journey with RRCE started in 2009 with no clue of why I am studying ECE but today I made my living because I studied ECE. Having spent 4 years here Empathy. Education. Experience. That's what allowed me to find my pathway through this complex world, which helped to shape my future. I hope to keep up the same bond with the institution and the inspiring academic community here. In nutshell all I can say is I am proud to be an RRCEAN. Never quit on your dreams, no matter how lucrative or easy the other path seems.



YATHISH LAKSHMANAIAH

**Senior Software Engineer,
HCL Technologies. Bangalore**

Achievements-applauds, opportunities-thoughts, this is what I gained from Rajarajeshwari College of Engineering. In the whole flux of activities that together make up life, one finds very rare moments when gets a chance to cherish own's life. RRCE has provided us the opportunity to learn, live , enjoy and step into the world with new confidence and a thirst to achieve and succeed. It gave me a platform that I will cherish always. Someday I won and some days I learned. It always held my back, from inspiring words of our friends to petty sweet scolding of our beloved teachers, my life in RRCE was spectacular and the best experience too. The journey of the engineering program has truly been exhilarating and wonderful. This college let us fall by our own but made us climb on the ladder to success.