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Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi

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Department of Electronics &Instrumentation Engineering

"AUTOMATION EXPLORER"
NEWSLETTER
Vol 7, Issue-2, 2021

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Established in 1963, RV College of Engineering is one of the country's first self-financing engineering institutes. The Rashtreeya Sikshana Samithi Trust (RSST), a non-profit organisation, oversees the operation of the facility. RVCE is a self-governed institution. A total of 12 bachelor's and 19 master's programmes are currently available at the college, which is associated with Visvesvaraya Technological University (VTU) Belagavi. "Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, with a Focus on Sustainable and Inclusive Technology" is the institution's mission statement.. The Higher Education Review Magazine named us "Engineering College of the Year-2015," and the Great Place to Study Research Institute (GPSRI) certified us as a "Global League Institute." We were also ranked 63rd nationally by the National Institutional Ranking Framework (NIRF- 2019). Up until 2023-24, the UGC granted the institution de facto independence. More than a dozen research institutes have been approved by the university. DST, AICTE, CSIR and many more agencies have financed the institution's projects. NAAC has accredited the school. NBA has accredited all undergraduate and qualified postgraduate programmes. PhDs are being pursued by around 250 Research Scholars
Six Centers of Excellence have been established at the university. An incubator is a part of the college.

Message from Editor's Desk:

Welcome to the Electronics and Instrumentation Engineering department's newsletter. The "AUTOMATION EXPLORER" newsletter has been launched. We're using this newsletter to stay in touch with our students, professors, former students, and business partners in a digital format. The activities and accomplishments of the department will be highlighted in this newsletter. In addition, it informs readers about recent departmental events, such as placement, ISA, institutional clubs, and student and staff accomplishments, as well as the latest departmental news. The department's future is bright, and we're eager to see what more the future holds. We would want to express our gratitude to every one of our faculty, staff, and students for your constant encouragement and support.

Editorial Committee: *Dr. Veena Divya. K,   Assistant Professor, Editor*

Dr. CH. Renu Madhavi, HoD

Data Collection & Entry:

Mrs. Chandrakala M R, Programmer G-II

Message from HoD's Desk

Dr. CH. Renu Madhavi, HoD

Warm greetings!!

I am happy to release this year's second issue of department newsletter. There are many updates to share with respect to the department activities, staff and student achievements, and placements details etc., happened during the last six months.

During this pandemic the department has successfully organised online classes, were conducted for UG. The online classes were conducted using the Google Meet, and WebEx Cisco platforms. The continuous internal assessments Project work evaluations and technical seminar evaluations happened online using various platforms. During this period conducted online parents' teacher meets and Annual Alumni meet. Our students involved in many activities to help society during this pandemic. Faculty have attended various workshops, FDP s, and webinars online. Taken up the online certification courses. Happy to

inform that online webinar were also delivered by the faculty. Our technical staff members too successfully completed certification courses.

Happy to share that this year 77% placements happened until now for the final year students, with an average package of 8.89 LPA. I congratulate Sri Lakshmi U Sirurmath of 8th sem for getting the highest package of 23 LPA offered by Goldman Sachs. Currently, the placements are going on in full swing and the highest package offered is to Mr. Rounak for Ansys with a whopping offer of 31.75 LPA.

I heartily congratulate our final year students Miss. Annesha Dasgupta for scoring 86.66 percentile in GRE-2020 and got admission offer in University of California for M.Sc. She has also got an Teaching Assistant Appointment: Fall 2021 with a package of 45k dollars per annum.
Stay Safe & Stay Healthy

Dr. CH. Renu Madhavi
Associate Professor & HoD
Department of EIE

1. *Department Vision, Mission, PEOs and PSOs.*

Vision

Achieving academic excellence in Instrumentation Technology by adopting interdisciplinary

research with a focus on sustainable and inclusive technologies.

Mission

1. To create an environment for students to excel in domain areas and get motivated to involve in interdisciplinary research by utilizing state of the art infrastructure.
2. To impart technical knowledge, encourage experiential learning and develop future professional leaders.
3. To establish industry-academia networking and develop industry-ready students and future entrepreneurs, to meet societal & industrial challenges.
4. To motivate lifelong learning and research in sustainable technologies to find improved solutions for the betterment of society.

Program Educational Objectives (PEOs) of the Department

1. Apply Instrumentation, Electronics, Controls and Automation concepts to develop technical solutions for industrial problems.
2. Exhibit competency in adapting to various industrial challenges and work in inter-disciplinary projects with team spirit and professional ethics for achieving organizational goals.
3. Pursue higher education in technology or management and achieve professional excellence by imbibing leadership qualities and communication skills.
4. Become entrepreneurs with a focus on sustainable technologies and develop innovative solutions to meet industrial and societal needs.

Program Specific Outcome (PSOs) of the Department

PSO1: Design, analyse and practice the instrumentation, controls and automation concepts and techniques required for industrial and/or research pursuits resulting in product development, publications or patents.

PSO2: Demonstrate the knowledge of basic science, mathematics, electronic system design and programming for real-time applications, towards developing industrial solutions and become technology leaders of future.

2. *Departmental Activities from JULY 2021 to DECEMBER 2021*

The department has always been contributing significantly to the growth of technical education. The ISA - RVCE Student section has organised a talents Day on 20th Jan, 2020 to showcase the cultural and co-

cultural activities of students. The students have actively participated and presented the soft skills like singing, playing music and so on.

During the mid of March 2020, due to the pandemic condition of COVID-19 the college was closed, but all the faculty were involved in conducting the online classes using different channels. Various platforms were used to deliver online lectures such as Goto meeting, Google Meet, Microsoft Teams, Zoom, WebEx Cisco etc. 309 online classes were conducted for UG and 46 for PG. Continuous internal assessment was also done online using Exam.net and Quiklrn Platforms. Counselling sessions were also conducted to students to guide them and give the updates with respect to the curriculum.

Department has organised an Alumni meet online in the month of June 2020. International Alumni's have also participated in the online meeting sharing their industry experience. Few of the alumni are contributing to the department activities such as board of studies, guiding in framing the curriculum to make the students industry ready.

3. *Major Project Details of UG.*

The students of 8th semester UG have taken up the innovative, societal related problems and developed the prototypes to showcase the working of the module. Some of the students executed the problem statements given by the industries of the current era and bridged the gap between the academics and industry standards. The list of projects is given below.

Table 1: List of UG projects-Minor

Sl. No	USN	Student's name	Project Title (Tentative) and Domain Area	Tools to be used in the project	Guide name
1	1RV18EI002 1RV18EI017 1RV18EI024	Abhishek Gowda Dhanush Singh Jali Rohan	Domain Area: Data Science and Automation.	TensorFlow lite or TensorFlow mobile, Sklearn , Flutter or AWS , UIPath , computer vision	**Prof. HH**
2	1RV18EI033 1RV18EI047 1RV18EI052	Mohit Kumar Rounak Raj Sidhant Shekhar	Title: IOT using computer vision IOT and image processing Application	Python, Computer Vision,Microcontroller,sensors	**Dr. DS**
3	1RV18EI010 1RV18EI019 1RV18EI021 1RV18EI031	Anusha T A Harini T A Hirshitha Rajee Mahesh naik	Title: Object recognition and Attendance tracker using RFID IOT, Image processing,RFID	python, Tensorflow lite, RFID hardware components	**Dr.AJ**
4	1RV18EI059 1RV18EI036 1RV18EI021	Uthank Nandin NN Nihal Hegde Dhanya H U	Title: Smart House using IOT applications Zigbee based real time Montoring system for agricultural environment	Microcontroller,Analog & Digital Sensors	**Prof. HH**
5	1RV18EI003 1RV18EI013 1RV18EI014 1RV18EI049	Abhishek L Kumkumkar Bharath Shabadi Chirag Dhoka Sangmesh Bhoj	Title: Gas leakage detection in pipelines Embedded Systems and Machine Learning	Gas leakage detection in pipelines	**Dr. RSA**
6	1RV18EI042 1RV18EI015 1RV18EI041 1RV18EI030	R S Shwetha Denina M Vincent Prakriti Chakrasali Madhu V	Title: IoT using LoRa AHT10, LoRa receiver, USB to UART Converter	IoT LoRa based Smart agriculture	**Dr. SV**
7	1RV19EI400 1RV19EI402 1RV18EI023 1RV18EI001	Fathima Tabassum Preethi K R Ishita M Mudaliar Aakash Tripathy	Title: social distancing alarm cap using arduino and smart sensors ultrasonic sensor, auduino,	Smart sensors and Arduino	**Dr.SRS**
8	1RV18EI053 1RV18EI037	Sinchana Sharon Niriksha Ramesh	Title:Proteus keil	Embedded Systems	**Dr. KS**
9	1RV18EI011 1RV18EI022 1RV18EI026 1RV18EI054	Anushka Dwivedi Ishita Jha Karnima Nath Sneha Bhat A	Title: IOT based Water level indicator and fire alarm system IOT applications and embedded systems	Microcontroller board (nodeMCU), Arduino IDE, sensors, HTML/cloud platform/SMTP server	**Dr.CHR**
10	1RV18EI029 1RV18EI007 1RV18EI020	Kushagra Kumar Anany Narayan Harsh Verma	Title: Machine learning to predict real time signals generated	Numpy,pandas,tensorflow,sensors	**Dr.SRS**
11	1RV18EI050	Saurav kumar	Title: Web development	CSS,Javascript, Bootstrap,html,SQL,mongoDB, mongoose,EJS,database,APIs	**Prof VD**
12	1RV19EI403 1RV17EI046	Tejashwini B K Sanjana T L	Title: Three in one meter Embedded systems	Arduino, Sensors, LCD, Electromechanical	**Prof.RPM**

	1RV19EI404	Tejaswini K R		energy meter	
13	1RV18EI060 1RV18EI038 1RV18EI046 1RV18EI048	Vaibhav B.A. P Sujith Rohith Vivek Kamath S Kandha Kumaran	Title: Speech to Braille EMBEDDED SYSTEMS	Microcontroller and sensors	**Dr. KS**
14	1RV18EI063 1RV18EI039	Zainab Khilonawala Phaalguni Rao Mudradi	Title: Face Mask Detection using Machine Learning	Tensorflow, Scikit Learn, OpenCV, Keras	**Dr. TJ**
15	1RV18EI044 1RV18EC089 1RV18EC144	Reet Kaur Bagga Nikhil S K(ECE dept) Saurav Kumar(ECE dept)	Title: Antenna Design and Optimization using Machine Learning	Domain: Machine learning for Antenna design and Optimization	**Dr. RSA**
16	1RV17EI007 1RV17EI019 1RV18EI051 1RV18EI056	Aniruddh Sharma Dilasha Tripathy Shraddha B Sai Kumar Sparsh Chhattani	Title: Robotics		**Dr.DS**
17	1RV17EI010 1RV18EI008	Anoop C Anoosh Ram K	Title: Deep learning, Neural networks	Tensorflow, python, Computer vision	**Dr. SCPK**
18	1RV18EI005 1RV18EI012 1RV18EI028 1RV18EI055	Akshat Bhatnagar Ayush Tiwari Kushi Garg Somya Garg	Title: GOI	Python	**Dr. KVP**
19	1RV18EI058 1RV18EI062 1RV18EI009	Tushar Agarwal Yashraj Labde Ansh Chatter	Title: Invoice Generation using Voice Ordering Automation using Python	Python, Database, Speech-to-text APIs,	**Prof. RPM**
20	1RV17EI021 1RV18EI035 1RV18EI034	Durga Prasad Navaneeth k Nalin kamal	Topic: Embedded System	8051 Microcontroller, Keil, Proteus	**Dr. AJ**
21	1RV17EI039 1RV18EI040 1RV18EI043	Priyusha Prajwala R Koppal Rakshitha C S	Application of Fast Fourier Transform And Machine Learning Approach for Fault Detection and Diagnosis in Multilevel Inverter	Multilevel level Inverter development and Machine Learning	**Dr. SV**

Table 2: List of UG projects-Major

Department of Electronics and Instrumentation Engineering R V College of Engineering, Bengaluru-560059 8th Sem Major Project – 16EI81						2020-21
Sl No.	Name	USN	Inhouse/Internship (Company name)	Title of the Project	Internal guide	External Guide
In-House Projects						
1	Stephania vas	1RV18EI408	Inhouse	Implementation of smart movable road divider and ambulance clearance using IOT	Dr. Prasanna Kumar SC	NA
	Suraj kumar	1RV17EI057				
	Charan Kumar N	1RV17EI016				
	Sridhar	1RV17EI055				
2	Bhavana S U	1RV18EI400	Inhouse	Development of prototype of Wheelchair Controlled by Tongue drive	Dr. CH Renumadhavi	NA
	Pallavi R	1RV17EI035				
	Varun P	1RV18EI409				
	Usha S Jange	1RV16EI057				
3	Irfan Ahamed M P	1RV17EI028	Inhouse	FLOOD EARLY DETECTION AND AVOIDANCE BY IOT AND ARDUINO	Dr. CH Renumadhavi	NA
	Devashish Bhaskar	1RV17EI018				
	Siddharth Bhadoriya	1RV17EI051				
	Unnati Simran	1RV16EI056				
4	Shaun Qien Yeau Tan	1RV17EI049	Inhouse	Design and Development of an Indoor Fire Fighting Robot	Mrs. Rajasree P M	NA
	Karthik V J	1RV17EI029				
	Govind A	1RV17EI023				
5	Arun K	1RV17EI400	Inhouse	"AN IOT BASED SYSTEM FOR AUTOMATED HEALTH MONITORING AND SURVILANCE IN POST-PANDAMIC LIFE"	Dr. Anand Jatti	NA
	kiran KM	1RV17EI403				
6	Bharath.R	1RV17EI015	Inhouse	Ergonomic Waistband to detect Real-Time Obliteration in Lumbar Lordosis	Mr. Veena Divya K	NA
	Mahesh Malgond	1RV17EI031				
	Lakshminarayanareddy K	1RV17EI030				
Internship Projects						

7	Manasa Potta	1RV17EI032	Intel	Intel accelarator SoC VR design and Verification Through Circuit Simulation and Board Layout Analysis	Dr. Sandesh	**Anil Baby** Platform Architect Intel Corporation, Bengaluru
8	Annesha Dasgupta	1RV17EI009	Intel	Radio Frequency Interference Analysis of High-Speed Interface	Dr. Tabita J	**Dr. Rajiv Panigrahi** Hardware Engineer Intel Corporation Bangalore
9	Vaishaka N Raj	1RV17EI061	Intel	Design of AI accelerator Board Management and Monitoring System Using SMBUS Interface	Dr. Tabita J	**Mr. Dinesh Naik** System Lead
10	Meghana DR	1RV18EI405	Intel	Signal Integrity Analysis on High Speed interface	Dr. Tabita J	**Mr. Ashish Gupta** Harsware Engineer
11	Ananya Rao	1RV17EI006	HPE	Traffic vs Test Data – Model Building and Test Verdict Prediction	Prof. Venkatesh S	**Mr. Ajeya H Simha** Senior Engineering Manager
12	Harsimran Singh Shaswat Raj Naman Jain	1RV17EI025 1RV17EI048 1RV17EI033	ISRO	BMS,BTMS,Cell Balancing System For Space Applications	Dr. Rachana Akki	**Mr. Vidya U Menon** Scientist/Engineer SE
13	H Prameeth Prajwal M Aayushii Goswami	1RV17EI026 1RV17EI037 1RV17EI064	Samsung Semiconductor	UVM Verification of NVME Controller	Dr. Kendaganna Swamy	**Ms Prachi Priya**, SoC Verification, Memory, **Ms. Avani Rao**, DFT,Foundry, **Mr Vinayak Hegde,** PMIC, SLSI, Samsung
14	Abhilasha A M Pooja Kumari Sachin Malgond	1RV17EI001 1RV17EI036 1RV17EI045	Infinite	Container Orchestration Using Kubernetes	Dr. Deepashree Devaraj	**Mr. Stalin Thangapandian** Project Manager
15	Guruprasad P	1RV17EI024	Robert Bosch	Visualization and Data Analysis of Automatic Parking Assistance for Vehicles	Dr. Sandesh R S	**Mr. Rakshith Devadiga** Senion Software Engineer.
16	Anushka Mittal Ashutosh Kumar Singh	1RV17EI011 1RV17EI013	o9 solutions	Supply Planning and Inventory Planning for an Organization	Mr. Harsha	**Kanika Mendiratta** Manager-People Development
17	Avani R Shesh Abhinav Murli	1RV17EI014 1RV17EI002	JP Morgan Chase	Implementation of Kafka Connect and Deploying to AWS Lambda	Dr. CH Renumadavi	**Shreesha Hebbar** Vice President
18	Esha Shashibhushan	1RV17EI022	HPE	Global Order Processing Automation	Mrs. Veena Divya K	**Sai Veena G** Manager
19	Veena M B	1RV17EI062	HPE	Self Service Analytics Platform	Dr. Anand Jatti	**Gaurev Srivastava** Manager

20	Gururaj Mhetre	1RV16EI020	GAIL	Excavation and Intrusion Detection of Gas Marks	Dr. Anand Jatti	**Mr. P.C.Carpenter** Chief Manager
	Harish B	1RV16EI022				
21	Snehil Behar	1RV17EI052	Cisco	Mac OS application development using X code SDK and Swift Language	Dr. Prasanna Kumar S C	**Mr. Akash Dev S C** Software engineer
22	S J Ruthvik	1RV17EI044	Log9Materials	Design of In-House Telematic Control Unit For Electric Vehicles	Prof. S Venkatesh	**Mr. Ankush Raina** Vice President
23	Raghavi R	1RV17EI040	Epsilon	Software Hub: Development of Software Marketplace	Dr. K V Padmaja	**Tesant Sahu** Senior Manager
24	Rushil Srivastava	1RV15EI043	Internship	Integrated Building Management Systems	Dr. Rachana Akki	**Mr. Lakshminarayana** Project Leader
25	Srinivas Prabhu B	1RV17EI056	MyGate	Development of an Application to Monitor The Health Status of Guard Device for Gated Community	Dr. Kendaganna Swamy	**Mr. Samarth Chatterjee** Engineering Manager
26	VIKAS N G	1RV18EI410	Robert Bosch	MAE Connectivity for Industry 4.0	Mr. Harsha	**Mr. Kumar S** Deputy Manager
27	Archit Srivastava	1RV17EI012	HPE	Holds Dashboard Automation	Mrs. Veena Divya K	**Mr. Aravind Bhagwanth** System Engineer
28	Ravi Kashyap	1RV17EI042	SignalTron (SignalChip)	Power Management in 4G-LTE Uplink Transmission	Mrs. Rajasree P M	**Dr. Shruti Venkatesh** System Engineer
29	Aisiri HR	1RV17EI004	Kuliza Technologies	Digitalization of Loan Origination System - SME Loan	Dr. Padmaja K V	**Sanjana Shivshankar** Associate Product Manager
30	Nagarjun M G	1RV18EI406	Citriot	Parts Inspection and Quality Check Using LabVIEW	Dr. Prasanna Kumar S C	**Mr. Shanthi Lal** Sales and Marketing Lead
31	Srilakshmi U Sirurmath	1RV17EI054	Goldman Sachs	Secured Cloud Storage System for Single Server System and CRM platform	Dr. Deepashree Devraj	**Jimmy C** Development Engineer
32	S Arjun	1RV17EI043	HPE	Test Automation using IDART	Dr. K B Ramesh	**Mr. Kiran Jaje Urs J** QA Manager
33	Vinay Balamurali	1RV17EI063	HPE	Enabling Support for new I/O cards through Data Collection Daemon	Prof S Venkatesh	**Mr. Arup Guha Neogi** Senior Manager
34	Sherin Steaphen	1RV17EI050	Robert Bosch	Software in Loop testing	Dr. Rachana Akki	**Mr. Pavil Sebastion** Senior Software Architect

4. *Workshops/seminars/FDP/conference/attended by faculty.*

Table 5: List of workshops/seminars/conference attended by faculty

Sl No	Faculty Name	Conference /Workshop /Seminar	Venue	Date Attended
1.	Dr. Renu Chodavarapu	IEEE R10 EA Sponsored Capacity building workshop "Education 4.0-role of Education Technology"	IEEE Pune	15-07-2021 to 17-07-2021
2.	Dr. Anand Jatti	3 Day FDP on" Industrial Automation using DCS with IoT"	Dept of EIE	28-07-2021 to 30-07-2021
3.	Dr. Deepashree Devaraj	3 Day FDP on" Industrial Automation using DCS with IoT"	Dept of EIE	28-07-2021 to 30-07-2021
4.	Dr. Kendaganna Swamy S	3 Day FDP on" Industrial Automation using DCS with IoT"	Dept of EIE	28-07-2021 to 30-07-2021
5.	Prof. Harsha	FDP on "An insight to Biomedical Instrumentation, Biomedical signal and Image processing with hands on experience and LabVIEW programming"	ATAL ACADEMY, Pooja Doddappa Appa College, Kalaburgi	02-08-2021 to 06-08-2021
6.	Dr. Tabitha Janumala	National online seminar "Sports Engineering Technology & Management"	Dept of Sports	11-08-2021
7.	Dr. Veena Divya. K	National online seminar "Sports Engineering Technology & Management"	Dept of Sports	11-08-2021
8.	Dr. Prasanna Kumar S C	National online seminar "Sports Engineering Technology & Management"	Dept of Sports	11-08-2021
9.	Dr. CH Renu Madhavi	Participated in Rastragana on account of Independence day celebration	Online Ministry of Culture	15-08-2021
10.	Dr. Tabitha Janumala	Participated in Rastragana on account of Independence day celebration	Online Ministry of Culture	15-08-2021
11.	Dr. CH Renu Madhavi	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August 2021 to 4 September, 2021.

12.	Dr. CH Renu Madhavi	5-day workshop series on 'Virtual Reality / Augmented Reality '	Department of Electronics and Instrumentation and the Department of MCA in association with IEEE RVCE Communications Society.	27-09-2021 to 01-10-2021
13.	Dr. Anand Jatti	Part 1 of the online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August, 2021 to 4 September, 2021
14.	Dr. Rachana S Akki	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August, 2021 to 4 September, 2021.
15.	Dr. Tabitha Janumala	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August, 2021 to 4 September, 2021.
16.	Dr. Prasanna Kumar S C	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August, 2021 to 4 September, 2021.
17.	Dr. Deepashree Devaraj	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August, 2021 to 4 September, 2021.
18.	Dr. Kendaganna Swamy S	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August, 2021 to 4 September, 2021.
19.	Prof.Harsha	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	30 August, 2021 to 4 September, 2021.
20.	Dr. Ramesh K B	An Overview of Video Survellances Systems	Center for CCTV Research, RVCE Bengaluru	30th August 2021 to 3rd September 2021
21.	Dr. Ramesh K B	An Overview of Video Survellances Systems	Center for CCTV Research, RVCE Bengaluru	30th August 2021 to 3rd September 2021

22.	Dr. Anand Jatti	5 day workshop on "Advanced ICT Tools for Higher Education"	CEDLR, RVCE, Bengaluru	13-09-2021 to 17-09-2021
23.	Dr.Padmaja K V	webinar on 5G Advanced technologies and application by Dr M H Kori	organized by BCIC	23.10.21
24.	Dr. CH Renumadhavi	National Conference on Critical Thinking for GenZ-Multidisciplinary approach (CTGZMA-2021)	Dept of MCA, RVCE Bengaluru	28.10.2021 to 29.10.2021
25.	Dr. Veena Divya K	National Conference on Critical Thinking for GenZ-Multidisciplinary approach (CTGZMA-2021)	Dept of MCA, RVCE Bengaluru	28.10.2021 to 29.10.2021
26.	Prof. Rajasree P M	National Conference on Critical Thinking for GenZ-Multidisciplinary approach (CTGZMA-2021)	Dept of MCA, RVCE Bengaluru	28.10.2021 to 29.10.2021
27.	Dr. Kendaganna Swamy S	National Conference on Critical Thinking for GenZ-Multidisciplinary approach (CTGZMA-2021)	Dept of MCA, RVCE Bengaluru	28.10.2021 to 29.10.2021
28.	Dr. Prasanna Kumar S C	AICTE Training and Learning (ATAL) Academy Online Elementary FDP on Electrophysiology and Neuro-Instrumentation	Dr. Ambedkar Institute of Technology, Bangalore-56.	08/11/2021 to 12/11/2021
29.	Dr. Sandesh R S	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Electrophysiology and Neuro-Instrumentation	Dr. Ambedkar Institute of Technology, Bangalore-56.	08/11/2021 to 12/11/2021
30.	Dr. Prasanna Kumar S C	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Electrophysiology and Neuro-Instrumentation	Dr. Ambedkar Institute of Technology, Bangalore-56.	08/11/2021 to 12/11/2021
31.	Dr. Renu Madhavi C H	"Data Security Techniques on Cloud", Paper published in National conference on Recent Innovation in Science & Engineering	Sambhram Institute of Technology	20-11-2021

32.	Dr. Tabitha Janumala	AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Advancement of Digital Health and Medical Innovations during Pandemic"	Model Engineering College.	06/12/2021 to 10/12/2021
33.	Dr. Deepashree Devaraj	AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Advancement of Digital Health and Medical Innovations during Pandemic"	Model Engineering College.	06/12/2021 to 10/12/2021
34.	Dr. Prasanna Kumar S C,	"3D Printing & Design - Materials, Solutions, & Applications"	JSS Academy of Technical Education.	06/12/2021 to 10/12/2021
35.	Dr. Padmaja K V	online Orientation webinar on Six Mini Course Pilot program	organized by IUCEE	28-12-2021

Table 6: List of Workshops /online courses/Webinars attended by technical staff through online

Sl. No	Attended by the Technical Staff	Courses /Workshop / Details	Venue	Date
1.	Mr. Somanna	3 Day FDP on" Industrial Automation using DCS with IoT"	Dept of EIE	28-07-2021 to 30-07-2021
2.	Mr. Murali Krishna R	3 Day FDP on" Industrial Automation using DCS with IoT"	Dept of EIE	28-07-2021 to 30-07-2021
3.	Mr. Krishna Murthy A V	3 Day FDP on" Industrial Automation using DCS with IoT	Dept of EIE	28-07-2021 to 30-07-2021
4.	Mr. Anil Kumar N A	5 day Online FDP on "Inculating Universal Human Values in Technical Education"	AICTE, New Delhi	12-07-2021 to 16-07-2021
5.	Mr. Chandrakala M R	5 day Online FDP on "Inculating Universal Human Values in Technical Education"	AICTE, New Delhi	12-07-2021 to 16-07-2021
6.	Mr. Pratap N	5 day Online FDP on "Inculating Universal Human Values in Technical Education"	AICTE, New Delhi	26-07-2021 to 30-07-2021
7.	Mr. Somanna	3 Day FDP on" Industrial Automation using DCS with IoT"	Dept of EIE	28-07-2021 to 30-07-2021
8.	Mr.Anil Kumar N A	Participated in Rastragana on account of Independence Day celebration	Online Ministry of Culture	15-08-2021
9.	Mr. Somanna	5 day Online FDP on "Inculating Universal Human Values in Technical Education"	AICTE, New Delhi	02-08-2021 to 06-08-2021
10.	Mr.Ashoka B M	5 day Online FDP on "Inculating Universal Human Values in Technical Education"	AICTE, New Delhi	02-08-2021 to 06-08-2021
11.	Mr. Krishna Murthy A V	5 day Online FDP on "Inculating Universal Human Values in	AICTE, New Delhi	02-08-2021 to 06-08-2021

		Technical Education"		
12.	Mr. Somanna	National online seminar "Sports Engineering Technology & Management"	Dept of Sports	11-08-2021
13.	Mrs.Chandrakala M R	National online seminar "Sports Engineering Technology & Management"	Dept of Sports	11-08-2021
14.	Mrs.Chandrakala M R	International Virtual Seminar on "Nutrition and Exercise for Wellness Management"	Dept of Sports	21-08-2021
15.	Mr. Krishna Murthy A V	International Virtual Seminar on "Nutrition and Exercise for Wellness Management"	Dept of Sports	21-08-2021
16.	Mrs.Chandrakala M R	Successfully completed course "Introduction to Programming with MATLAB".	Vanderbilt University and Coursera	17-08-2021
17.	Mr. Somanna	"Mental Fitness and Academic performance during Pandemic"	RVCE, Bengaluru	14-09-2021
18.	Mrs.Chandrakala M R	5-day workshop series on 'Virtual Reality / Augmented Reality '	by the Department of Electronics and Instrumentation and the Department of MCA in association with IEEE RVCE Communications Society.	27-09-2021 to 01-10-2021
19.	Mr. Pratap N	AICTE – Training & Learning (ATAL) Academy Sponsored Program on GIS & Remote Sensing	NPTI Shivpuri, Madhya Pradesh	20-09-2021 to 24-09-2021
20.	Mr. Pratap N	5-day workshop on "Advanced ICT Tools for Higher Education"	CEDLR, RVCE, Bengaluru	13-09-2021 to 17-09-2021
21.	Mr. Krishna Murthy A V	5 day workshop on "Advanced ICT Tools for Higher Education"	CEDLR, RVCE, Bengaluru	13-09-2021 to 17-09-2021
22.	Chandrakala M R	Managing SCM	Online	12-11-2021

		in Industrial Sector During Turbulent Pandemic Period	IIMM Bangalore Branch and Technical support by WTC, Bangalore, Kochi, and Chennai	

5. *Invited Talks delivered by Faculty:*

Sl No	Faculty Name	Topic	Venue	Date	Participants		
					No.of Students	No.of Faulty	Industry
1.	Dr. Renu Chodavarapu	Orientation on Virtual Labs for sensors & Measurement	IUCEE webinar online	29-07-2021	-	60	-
2.	Dr. Harsha	Orientation on Virtual Labs for sensors & Measurement	IUCEE webinar online	29-07-2021	-	60	-
3.	Dr. Tabitha Janumala	"Usage of G-suit at school level with hands on"	Janani Vidya Mandira school, Ullala, Bengaluru	03-08-2021	60	10	-
4.	Dr. CH Renu Madhavi	orientation on "Open Broadcaster Software"(OBS): An ICT Tool	IUCEE Virtual Academy	15-09-2021	-	30	-
5.	Dr. Kendaganna Swamy S	Advanced ICT Tools for Higher Education"	RVCE	13-09-2021 to 17-09-2021	-	30	-
6.	Dr. K.V Padmaja	Embedded Systems for IOT	RVCE	03.09.21	-	57	-
7.	Prof. Rajasree P M	Embedded Systems for IOT	RVCE	04.09.21	-	57	-
8.	Dr.	Workshop	BIT,	08-10-2021	-	50	-

	KendagannaS wamy S	on ICT Tools	Bengaluru	to 09-10-2021				
9.	Dr. CH Renu Madhavi, Prof. Harsha, Dr. KendagannaS wamy S	Orientation class for AR & VR to Telecom students for AICTE activities	Dept of EIE	29-10-2021	60	-	-	
10.	Dr. KendagannaS wamy S	Workshop on ICT Tools	BIT, Bengaluru	08-10-2021 to 09-10-2021	-	50	-	
11.	Dr. KendagannaS wamy S	FDP Program on	RVCE	14-11-2021 15-11-2021	37	-	-	
12.	Dr. KendagannaS wamy S	Sensors and its application s	SKIT, Bengaluru	23-11-2021	32	-	-	
13.	Dr. Sandesh R S	Brain Computer Interface for Robotics Applicatio ns	Dept of ISE	24-11-2021	25	-	-	
14.	Dr. KendagannaS wamy S	Design Thinking to augment 21st Century Skills	RVCE	07-12-2021 to 12-12-2021	-	50	-	
15.	Dr. KendagannaS wamy S	FDP on Outcome Based Education: In perspective to new Education Policy 2020	Dr. AIT, Bengaluru	16-12-2021 to 17-12-2021	-	45	-	
16.	Dr.Kendagann a Swamy S	FDP on Metacognit ive Hybrid Learning Model to	Dr. SKIT, Bengaluru	22-12-2021 to 23-12-2021	-	46	-	

		enhance teaching learning process using ICT tools					

6. *List of Workshops organised by the Faculty:*

Sl No	Details of workshop / seminar / conference /events	Date of the Event	Participants			National / International	Organized by
			No. of Students	No. of Faculty	Industry Person		
1.	3 Days FDP on" Industrial Automation using DCS with IoT"	28-07-2021 to 30-07-2021	-	14	-	National	Dept of EIE.
2.	ISA Seminar on Simple Yet Significant Empowering woman in Industry	26-07-2021	100	10		National	Dept of EIE- ISA RVCE Student Section
3.	6 Day workshop on Engineer's Tool Kit	26,27-06-2021 And 3,10,11-07-2021	75	-	-	National	Dept of EIE- ISA RVCE Student Section
4.	Start online 4 weeks internship under Embedded Systems for IOT	01-09-2021	55	-	-	National	Department of EIE, RVCE
5.	5-day workshop on "Advanced ICT Tools for Higher Education"	13-09-2021 to 17-09-2021	-	30	-	National	Department of EIE, RVCE
6.	5-day workshop series on 'Virtual Reality / Augmented Reality '	27-09-2021 to 01-10-2021	10	12	-	National	IEEE with Department of EIE, and MCA, RVCE
7.	Seminar to 7nth sem EIE students CDMA, Spread spectrum techniques and OFDM	25,26 Nov and 1st Dec, 2021	50	3	-	Dept of EIE	Seminar to 7nth sem EIE students CDMA, Spread spectrum techniques and OFDM
8.	Guest Lecture on micro Economics	10-11-2021	60	-	-	Dept of EIE	Guest Lecture on micro Economics

7. *List of Technical Talks arranged by the faculty:*

Sl. No.	Title of the Technical talk	Name of the speaker	Event date, month, and year	Coordinator
1	Development of application and libraries in ARM Linux Environment	Mr. Chandrashekar Project Lead Invendis Technology Pvt Bengaluru Consultant, Qualcomm Canada	30-07-2021	Dr. Veena Divya.K, and Dr. Tabitha Janumala
2	Importance of Industrial Safety Instrumentation	Mr. P S Krishna; Automation Consultant Reliance Industries	26-10-2021	Prof. Venkatesh.S Dr. Sandesh.R.S

8. *Project Proposals Granted:*

Table 9: List of proposals sent during July to December 2021

Project Name	PI & Co PI	Proposal submitted to	Budgeted Amount	Proposal Status
Understand the Behaviour of Particulate matter in an EM field at various distances in closed environment	Dr. Rachana S Akki, Prof. Harsha	21-11-2021 on Devic Earth Pvt.Ltd, Bengaluru	1,00,000/-	Granted.

9. Awards / Recognition of Faculty
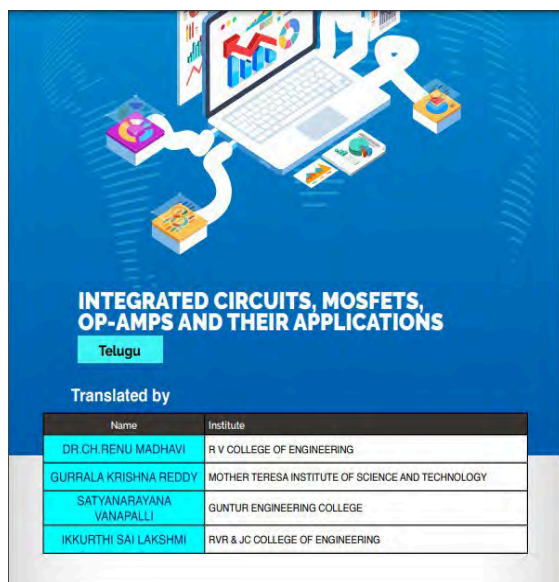
Dr. CH. Renu Madhavi, HoD, Dept. of E&IE has translated and published book in Telugu, on "Integrated Circuits, MOSFETS, OP-AMPS and their Applications",

Successfully completed online NPTEL certification course on Design Thinking – A Primer" Secured 82% Elite -Silver – NPTEL SWAYAM

The following faculty are involved in Training and Consultancy for different Centre of Excellence and Centre of Competency established in RVCE as follows

S.No	Name of the Faculty	CoE
1	Dr. Padmaja K V & Prof. Rajasree.P.M	Centre of Excellence in Internet of Things
2	Dr.Rachana S Akki	Centre of Excellence in e- mobility
3	Prof.Harsha	RVCE Bosch Rexroth: Centre of Competence in Automation Technologies
4	Dr.Sandesh.R.S	Centre of Excellence in Automotive Electronics Mercedes Benz

SWAYAM- NPTEL Mentoring Done By Department Faculty.

10. Publication details of faculty and students.

1. Prof. Harsha, Dr. K V Padmaja "Performance Assessment of Ultrasound Kidney Images using Despeckling algorithms", Indian Journal of Computer Science and Engineering (IJCSE) Vol.11,pp 880-891, 2020 DOI : 10.21817/indjcse/2020/v11i6/201106176 Vol. 11 No. 6 Nov-Dec 2020

2. Janumala T., Ramesh K.B. (2021) Development of an Algorithm for Vertebrae Identification Using Speeded up Robust Features (SURF) Technique in Scoliosis X-Ray Images. In: Chen J.IZ., Tavares J.M.R.S., Shakya S., Iliyasu A.M. (eds) Image Processing and Capsule Networks. ICIPCN 2020. Advances in Intelligent Systems and Computing, vol 1200. Springer, Cham. https://doi.org/10.1007/978-3-030-51859-2_6

3. R. R. Deshpande, M. R. Bhatt and C. H. R. Madhavi, "Accuracy in Depth Recovery and 3D Image Synthesis from Single Image Using Multi-Color Filter Aperture and Shallow Depth of Field," in IEEE Access, vol. 9, pp. 123528-123540, 2021, doi: 10.1109/ACCESS.2021.3109865.

4. Amaresh, C., Jatti, A., Performance Analysis of Data Communication Using Hybrid NoC for Low Latency and High Throughput on FPGA, Advances in Intelligent Systems and

Computing, DOI: 10.1007/978-981-15-1451-7_9 book: Cognitive Informatics and Soft Computing, pp.77-96.

5. Chethana, G., Padmaja, K.V., A novel secure biomedical data aggregation using fully homomorphic encryption in WSN, Indonesian Journal of Electrical Engineering and Computer Science, 2021, 24(1), pp. 428–443 http://doi.org/10.11591/ijeecs.v24.i1.pp428-443

6. Dr.CH.Renu Madhavi,An efficient multilayer deep detection perceptron (MLDDP) methodology for detecting testicular anomalies with or without congenital heart disease, vol. 9, pp. 93580-93592, 2021,August 2021.

7. Harsha Herle and Padmaja K V, "Relative Merits of Data Mining Algorithms of Chronic Kidney Diseases" International Journal of Advanced Computer Science and Applications (IJACSA), 12(6), 2021. http://dx.doi.org/10.14569/IJACSA.2021.0120667.

8. Rajasree, P.M., Jatti, A., Santosh, D., An improved transfer learning approach towards breast cancer classification on deep residual network, 2021, Indian Journal of Computer Science and Engineering, 2021, 12(4), pp. 1136–1148. Vol. 12 No. 4 Jul-Aug 2021. DOI : 10.21817/indjcse/2021/v12i4/211204222.

9. D. Kavitha, C. H. Renumadhavi, An efficient multilayer deep detection perceptron (MLDDP) methodology for detecting testicular anomalies with or without congenital heart disease (TACHD), Publication date:20-08-2021, DOI:https://doi.org/10.1007/s11227-021-04008-8; Publisher Springer US;Journal: The Journal of Supercomputing; An International Journal of High-Performance Computer Design, Analysis, and Use, Issue 3/2022, Print ISSN: 0920-8542, Electronic ISSN: 1573-0484.

10. Veena Divya K, Anand Jatti, Vidya M. J., Revan Joshi, Srikar Gade, "A Novel Approach towards Automatic Contour Identification of Jaw Cysts from Digital Panoramic Radiographs to improvise the Treatment planning," International Journal of Biology and Biomedical Engineering, vol. 16, pp. 1-8, 2022. DOI: 10.46300/91011.2022.16.1.

11. Ankith Kumar Rathore B, Ravi Kashyap, Navaneetha Krishnamurthy, Dr. Shruti Venkatesh, Prof. Rajasree P M, Prof. Rohini S Hallikar, Channel Modelling for Multipath Propagation in 4G LTE, 2021, International Journal of Scientific Research and Engineering Development, ISSN: 2581-7175.

12. Ananya Ananth Rao, Shaun Qien Yeau Tan, Raghavi R, Archit Srivastava, C H Renumadhavi, Autism Spectrum Disorder Therapy: Analysis of Artificial Intelligence integrated Robotic Approach,2022, Journal of Physics: Conference Series.2161 (2022). DOI: 10.1088/1742-6596/2161/1/012038.

SCOPUS INDEXED JOURNALS

Year	2021	2020	2019	2018	2017	2016	2015
Scopus Indexed Journals	15	05	15	15	11	08	07
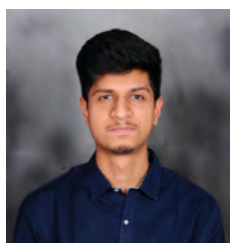
11. Student Achievements

Students have enrolled to various NPTEL online certification courses such as Microprocessor and Microcontrollers, Signals and Systems, Control Systems etc. and completed with Elite score.

2020-21 passing out batch for UG

Sl. No	Admission/Registration No	Name	Higher Studies (M.Tech / MBA/ MS/ PhD)
1	2757 4122 0314 3416	Annesha Dasgupta	TOEFL
2	2105 4092 0267 8166	Arjun Suresh	TOEFL
3	4852 0112 1347 0587	Esha Shashi Bhushan	TOEFL
4	7283659	Arjun Suresh	GRE

HIGHER STUDIES INFROMATION OF 2021

Sl. No	USN	Name	Higher Studies (M.Tech / MBA/ MS/ PhD)	University	Department
1.	1RV17EI009	Annesha Dasgupta	MSc	University of California	Electrical Engineering and Computer Science
2.	1RV17EI043	Arjun Suresh	MSc	University of Massachusetts Amherst	Electrical and Computer Engineering
3.	1RV17EI022	Esha Shashibhushan	MSc	North Eastern University, College of Engineering	Electrical and Computer Engineering

13. Faculty Achievements

1) Dr.Padmaja K V, Professor& Associate Dean- Invited as an external expert by Vice Chancellor, Kalasalingam University for conducting promotion interviews under the Career Advancement Scheme of this University in virtual mode (zoom link appended below). The candidates belong to EEE, ECE and BME Departments on 6th October, 2021.

2) Dr.Padmaja K V, Professor & Associate Dean, As coordinator for Embedded systems for IOT, CISCO-RVCE COE ,started Eight weeks PG Online internship from October 11nth, 2021. Three participants from various domains. Gave an introductory talk on internship offered and about COE.

3) Dr.Padmaja K V, Professor & Associate Dean, Invited to be a part of MILLENNIUM 2021 during two days 19.10.21 and 20.10.21 at Sheraton hotel, Bengaluru by RV family

4) Dr.Padmaja K V, Professor& Associate Dean Organized colloquium presentation meeting of my Research scholar, Mrs Chetana for final review of P.hD work from ECE research centre on 28.10.21.

5) Dr. KendagannaSwamy S, Assistant Professor, Invited to be a part of MILLENNIUM 2021 during two days 19.10.21 and 20.10.21 at Sheraton hotel, Bengaluru by RV family

6) Dr. Prasanna Kumar S C, Professor, Invited to be a part of MILLENNIUM 2021 during two days 19.10.21 and 20.10.21 at Sheraton hotel, Bengaluru by RV family

7) Dr. Prasanna Kumar S C, Professor, invited as subject expert for selection of faculty dept of EIE, at SIT, Tumkur on 10th October 2021.

8) Dr. Kendaganna Swamy S, Assistant Professor, attended BOS meeting at National College, on 22-10-2021

9) Dr. Veena Divya K, Assistant Professor Awarded Ph.D Degree, under the guidance of Dr. Anand jatti

10) Dr. Padmaja K V, Professor& Associate Dean- Invited as an external expert by Vice Chancellor, Kalasalingam University for conducting promotion interviews under the Career Advancement Scheme of this University in virtual mode (zoom link appended below). The candidates belong to EEE, ECE and BME Departments on 6th October, 2021.

11) Dr. CH Renu Madhavi, HoD, Associate Professor- Conducted The colloquium seminar of Research Scholar Mrs.Kavitha D, is scheduled on 06.08.2021 (Through Video Conferencing).

12) Dr.Padmaja K V, Professor & Associate Dean, As coordinator for Embedded systems for IOT, CISCO-RVCE COE ,started Eight weeks PG Online internship from October 11nth, 2021. Three participants from various domains. Gave an introductory talk on internship offered and about COE.

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18) Dr. Kendaganna Swamy S, Assistant Professor, attended BOS meeting at National College, on 22-10-2021

19) Dr. Veena Divya K, Assistant Professor completed Ph.D. Degree, under the guidance of Dr. Anand Jatti.

20) Dr.Padmaja K V, Professor& Associate Dean- Invited as a panel member for a selection process for the Technical faculty positions of the Departments of EC,EI,ET scheduled on 23rd Nov 2021, at 10.30AM in the department of ECE

21) Dr.Padmaja K V, Professor& Associate Dean-Organized final pre- submission colloquium presentation meeting of my Research scholar, Mr Harsha for his final review of his Ph.D work from EIE research centre on 17.11.21

22) Dr.Padmaja K V, Professor& Associate Dean-Invited as subject expert for faculty recruitment on 12.11.21 at Vivekananda Institute of Technology, Bengaluru.

23) Dr.Padmaja K V, Professor& Associate Dean-Organized a Webinar an Initiative from Sambhav, NLAP- a Ministry of MSME, Govt. of India Initiative on 09.11.21 from 11AM to 1 PM. Topics: The importance of sustainability in Entrepreneurship and the Gandhian ideas behind Entrepreneurship Jointly by Centre for Gandhian principles and value based education centre and Ecell, RVCE.

24) Dr.Padmaja K V, Professor& Associate Dean-Invited as doctoral committee member to open seminar of Dr Usharani Research scholar online , ECE research centre to discuss progress of P.hD scholar on 23.11.21

25) Dr. Kendaganna Swamy S, Assistant Professor, invited as a BOS member for Dept of BCA on 03-11-2021 at National College , Jayanagar.

26) Dr. Kendaganna Swamy S, Assistant Professor, won 5K from RSST to execute IEM department project on color segregation Instrument development.

27) Dr. Kendaganna Swamy S, Assistant Professor, International conference paper reviewed as a technical program committee member under INDICON -2021

28) Dr. Kendaganna Swamy S, Assistant Professor, National conference paper reviewed conducted by MCA dept , RVCE

29) Dr.Padmaja K V, Professor& Associate Dean- As one of the core committee member for induction program from 20.12.21 to 31.12.21, monitored the activities .

30) Dr.Padmaja K V, Professor& Associate Dean- As mentor to UHV talk during induction program, dec 2021 attended meetings and gave suggestions for the faculty involved.

31) Dr.Padmaja K V, Professor& Associate Dean-Uploaded Ph.D Thesis of my two Research scholars from EIE and ECE VTU research centers, RVCE in Dec 2021.

13.Placement Details of UG:

Happy to share that this year 77% placements happened until now for the final year students, with an average package of 8.89 LPA. I congratulate Sri Lakshmi U Sirurmath of 8th sem for getting the highest package of 23 LPA offered by Goldman Sachs.

I heartily congratulate our final year students Miss. Annesha Dasgupta for scoring 86.66 percentile in GRE-2020 and got admission offer in University of California for M.Sc. She has also got an Teaching Assistant Appointment: Fall 2021 with a package of 45k dollars per annum. Three students have been placed through Offline Recruitment in "Invendis Technologies", under the reference of Dr. Veena Divya. K and Dr. Tabitha Janumala.

Table 10: UG Placement Details of 2020 Batch

Total Strength of the class	56
Eligible Students	48
Ineligible Students	8
Off campus placed	4
Campus placement	33
Number of Placed Students	37
Number of Students with multiple Offers	14
Higher Studies	3
Unplaced Students	8
Multiple offers	21
Total Offers	58
Placed Percentage	77.08

Placement Statistics of 2020 - 21 Batch

Legend:
- Total Strength
- Eligible Students
- Ineligible Students
- Off campus placed
- Campus placement
- Number of Placed Students

Values shown: 56, 58, 21, 8, 3, 14, 37, 33, 8, 4, 48
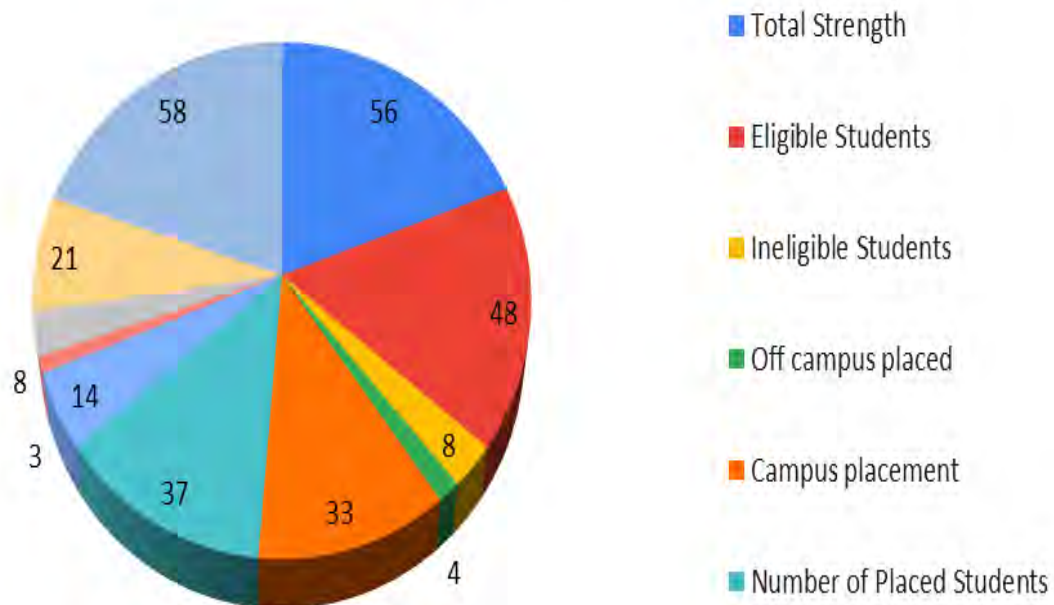
Recruiters are ....

15. Gallery Section

AICTE ACTIVITY POINT Evaluation on 7.7.2021

IEEE AUGMENTED REALITY /VIRTUAL REALITY WORKSHOP Brochure.
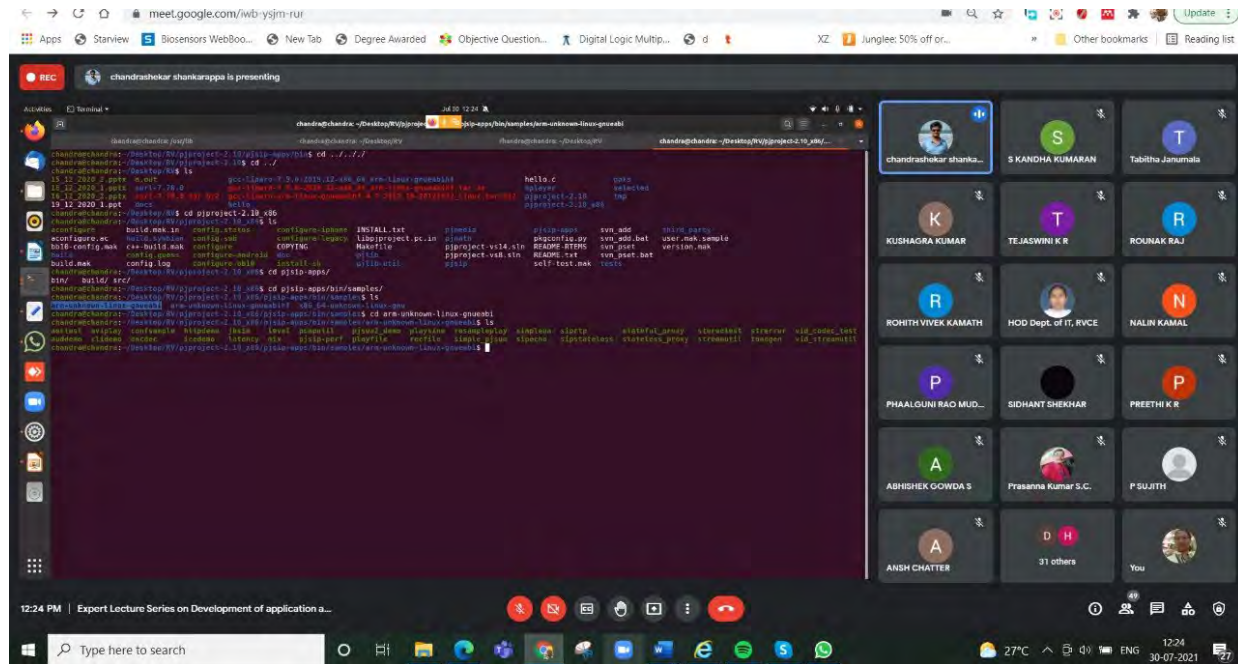
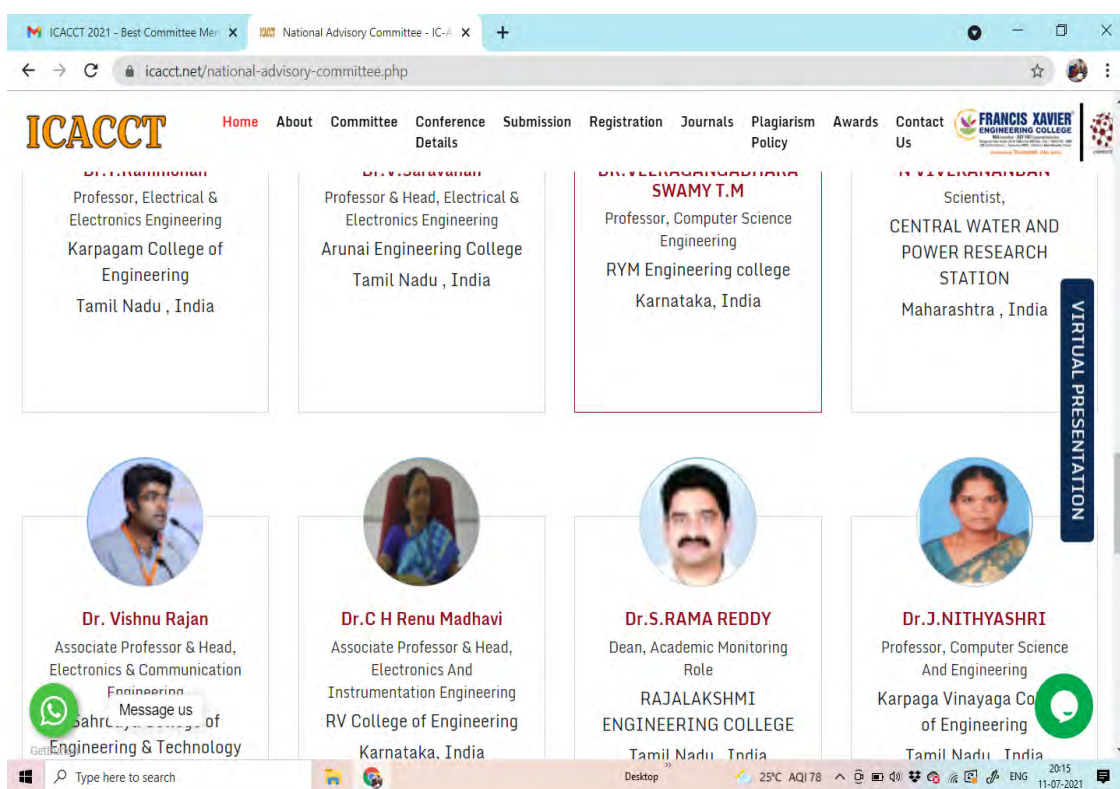ARM WORKSHOP BY Mr. CHANDRA SHEKHAR organized by Dr. Veena Divya .K and Dr. Tabitha Janumala held on 30.07.2021
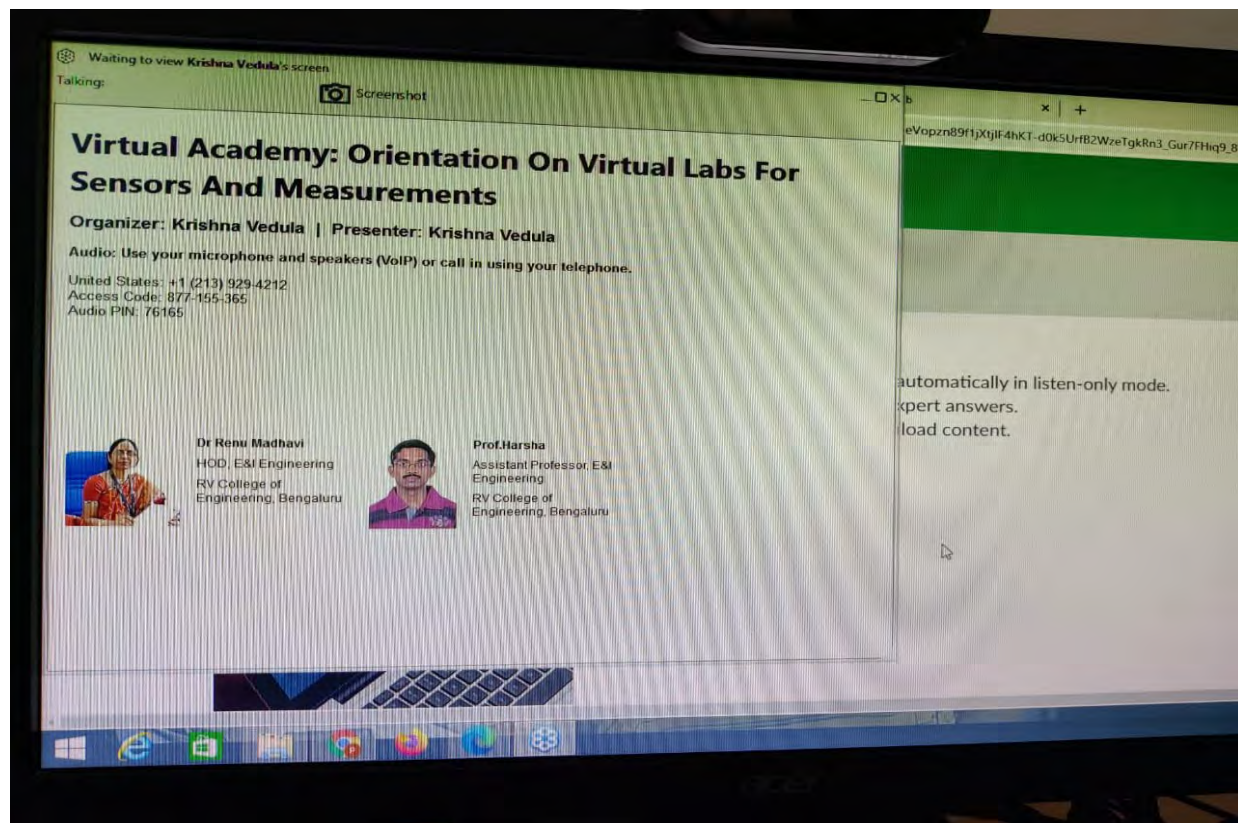
IUCEE WEBINAR – Orientation on Virtual Lab sensors and Measurements held on 29.7.2021
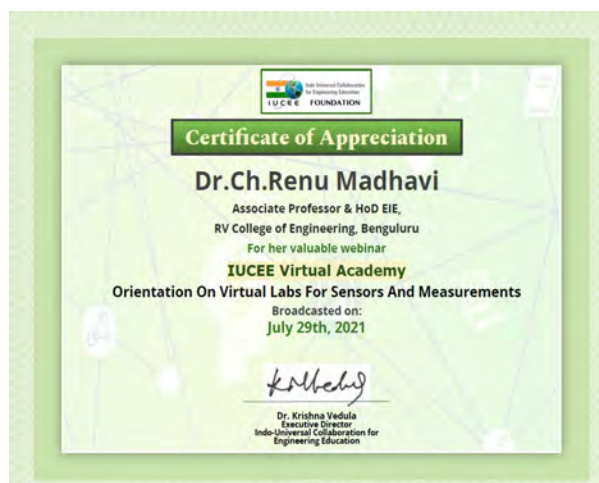
| Advanced ICT Tools Workshop. | ISA- Student Activity |

Dr. CH.Renu Madhavi, HOD served as Advisory committe for ICACCT-2021

Expert lecture delivered on Brain computer interface for robotic applixations by Dr. Sandesh.R.S.
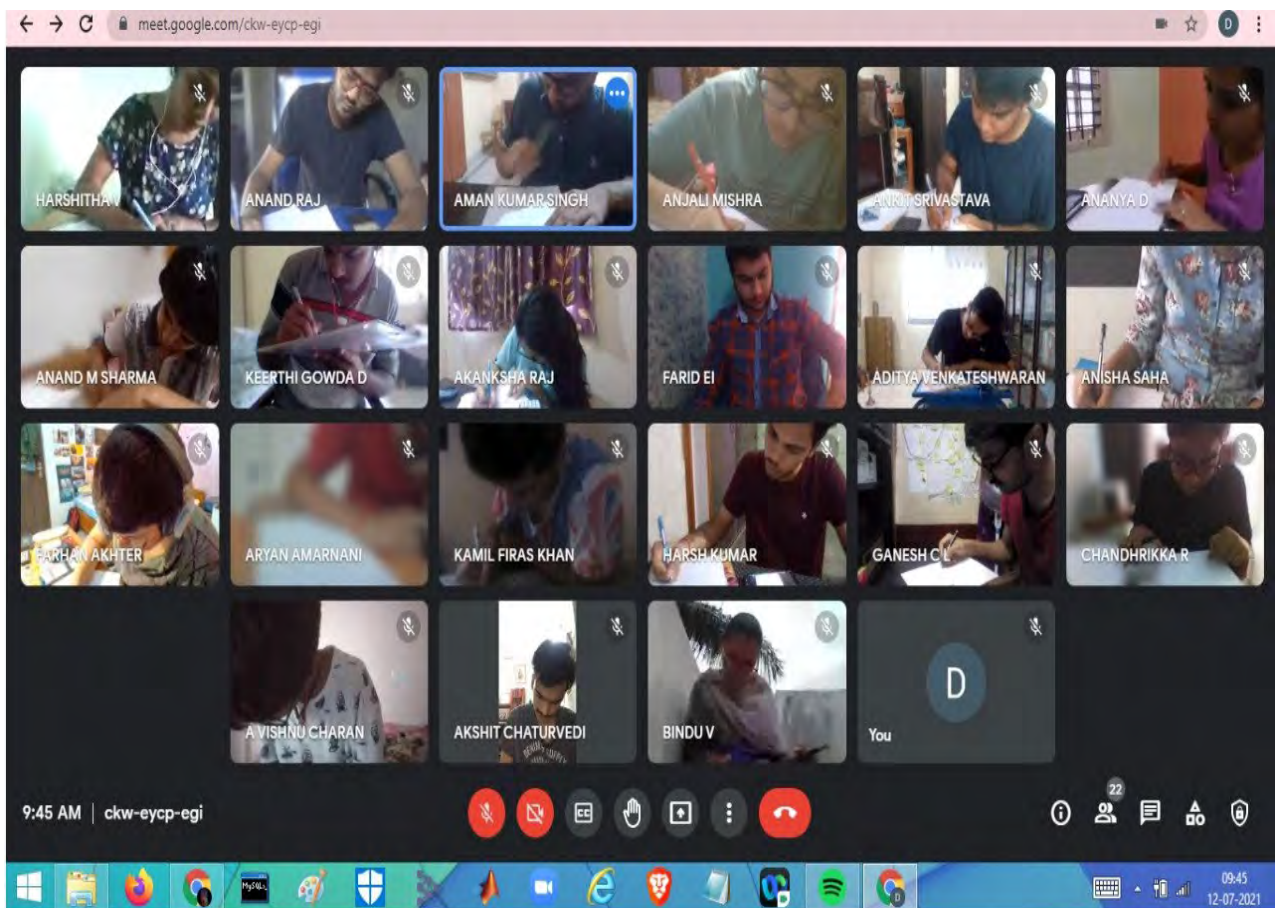
Conduction of Online CIE-PRCOTORED TEST
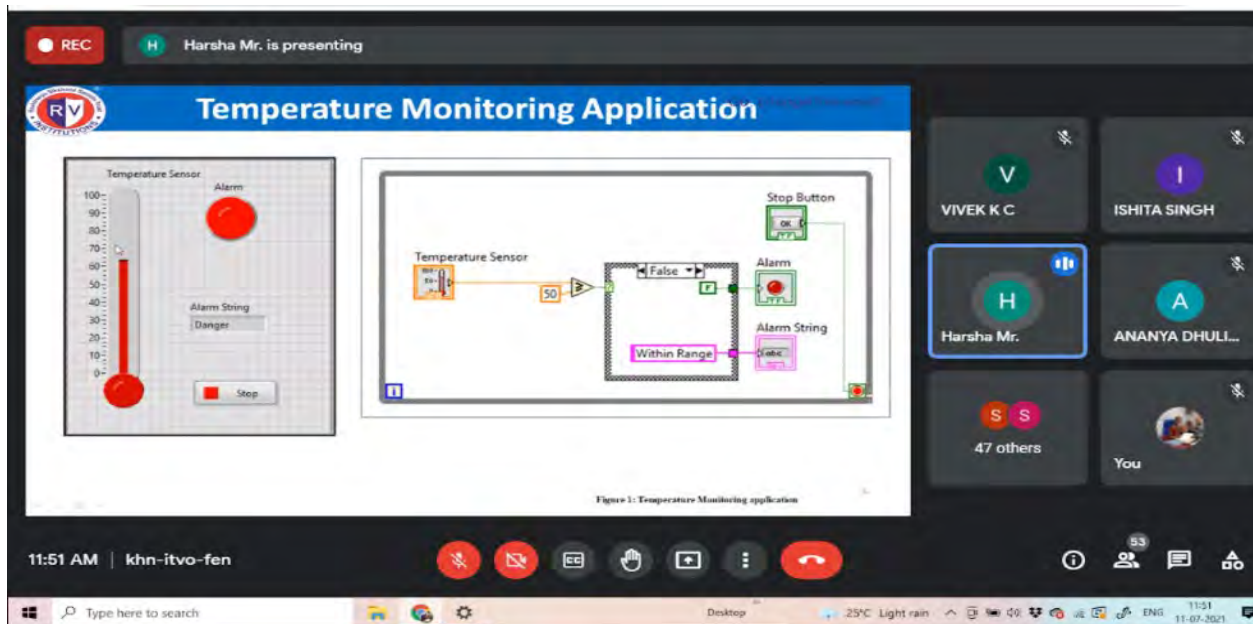
Department Faculty invovled in IUCEE Knowledge sharing activities.

Workshop on ICT Tools

RV College of Engineering®

Electronics and Instrumentation Department in Association with CEDLR, RVCE
is organizing a 5 days offline workshop on
"Advanced ICT tools for Higher Education "
Dates: 13/09/2021 to 17/09/2021

Go, Change the World

Coordinators:

Dr. Uma B V
Department of ECE, RVCE
Mob: +91 98455 93646

Dr. Anand Jatti
Department of EIE, RVCE
Mob: +91 98805 76374

Dr. Kendaganna Swamy. S,
Department of EIE, RVCE
Mob: +91 99806 72756

Dr. Shaila H Koppad,
Department of MCA, RVCE
Mob: +91 9535903940

Dr. B M Rajesh,
Department of Physics, RVCE
Mob: +91 98800 74000

Prof. Rakesh K R,
Department of ETE, RVCE
Mob: +91 99452 03455

Prof. Sushmitha N
Department of ISE, RVCE
Mob: +91 94499 32689

Objective of the Workshop:

To explore various technologies of advanced ICT tools for higher education teaching learning process

Events Schedule

Day	Morning Session (10.00 am to 12.00 pm)	Afternoon Session(2.00 pm to 4.00 pm)
13-09-2021 Monday	10.00am -10.30am – Inauguration 10.45 am-12.00 pm -Course content design using google sites Dr. Kendaganna Swamy. S, Department of EIE, RVCE	Game Design using Jeopardy lab. Thinglink to embed the video into the image. Edted tool to Design self learning and Evaluation. Dr. Kendaganna Swamy. S, Department of EIE, RVCE
14-09-2021 Tuesday	Advanced Google Form Design, Generation of QR code, tiny link of URL and exploration with YouTube Dr. Kendaganna Swamy. S, Department of EIE, RVCE	Open Source tools for Science Experiments Dr. B M Rajesh, Department of Physics, RVCE
15-09-2021 Wednesday	Introduction to Moodle Dr. Shaila H Koppad, Department of MCA, RVCE	Designing Course using Moodle Moodle : Dr. Shaila H Koppad, Department of MCA, RVCE
16-09-2021 Thursday	Introduction to Augmented Reality Prof. Rakesh K R, Department of ETE, RVCE	Hands on Experience on Augmented Reality Prof. Rakesh K R, Department of ETE, RVCE
17-09-2021 Friday	Activities for active teaching learning process Dr. Swarna M Patra, Department of Chemistry, RVCE Prof. Prapulla S B, Department of CSE, RVCE	Generate certificate automatically and use of Document Studio Dr. Kendaganna Swamy. S, Department of EIE, RVCE 3.30 pm -4.00pm – Valedictory

Prize winners of toolkit workshop

Interaction with Alumni in September 2021
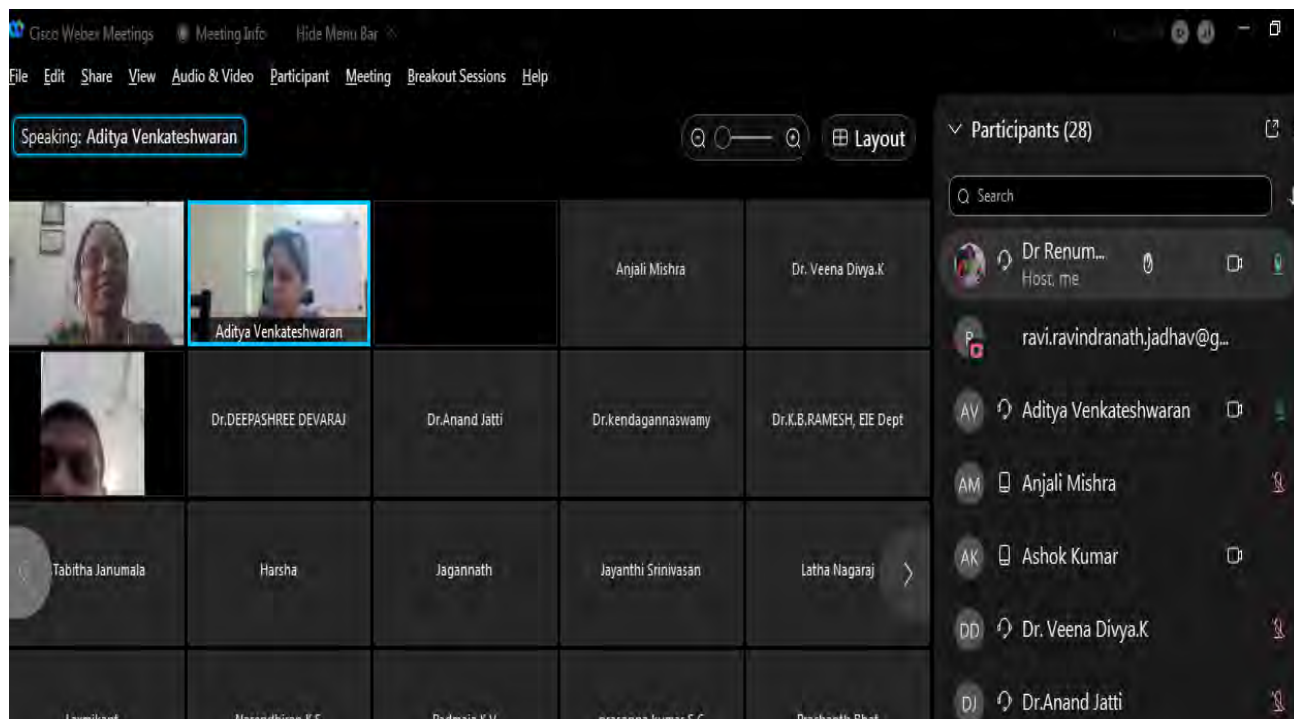
Validiotry function of the Workshop on Automation

AICTE activity -Demo

Interaction with first year students on 13th December 2021.

Parent-Teacher's Meeting held on 11.12.2021 online.

Graduation Day - 2021

ತಂದೆಯ ಕನಸು ನನಸು ಮಾಡಿದ ಪುತ್ರ!

ಯುಪಿಎಸ್ಸಿಯಲ್ಲಿ ದೇಶಕ್ಕೆ 235ನೇಯ ರ್ಯಾಂಕ್ ಪಡೆದ ಹುಬ್ಬಳ್ಳಿ ಹುಡುಗ | ಓದಿದ್ದು ಎಂಜಿನಿಯರಿಂಗ್; ಪರೀಕ್ಷೆ ಬರೆದಿದ್ದು ಕನ್ನಡ ಸಾಹಿತ್ಯ

● ಶಿವಾನಂದ ಗೊಂಬಿ
ಕನ್ನಡಪ್ರಭ ವಾರ್ತೆ ಹುಬ್ಬಳ್ಳಿ

ತಂದೆ ಸಿವಿಲ್ ಸರ್ವೀಸ್ ಸೇರಬೇಕೆಂದು ಕನಸು ಕಂಡು ಪ್ರಯತ್ನ ಪಟ್ಟಿದ್ದರು. ಆದರೆ ಸಾಧ್ಯವಾಗಲಿಲ್ಲ. ಮಗ ಯುಪಿಎಸ್ಸಿಯಲ್ಲಿ ಪಾಸಾಗಿ ತಂದೆ ಕನಸು ನನಸು ಮಾಡಿದ!

ಇದು ಯುಪಿಎಸ್ ಪರೀಕ್ಷೆಯಲ್ಲಿ ದೇಶಕ್ಕೆ 235ನೇಯ ರ್ಯಾಂಕ್ ಪಡೆದು ತೇರ್ಗಡೆಯಾದ ಹುಬ್ಬಳ್ಳಿಯ ಎಂ.ಪಿ. ಶ್ರೀನಿವಾಸ್ ಬಗ್ಗೆ ಒಂದು ಸಾಲಿನ ವಿವರಣೆ. ಇಲ್ಲಿನ ಕೇಶ್ವಾಪುರದ ಸುಳ್ಯ ರಸ್ತೆಯ ನಿವಾಸಿ ಎಂ.ಪಿ. ಶ್ರೀನಿವಾಸ್ ಯುಪಿಎಸ್ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಉತ್ತಮ ಸಾಧನೆ ಮಾಡಿ ಗಮನ ಸೆಳೆದಿದ್ದಾರೆ. ಇವರ ತಂದೆ ಎಂ.ಪಿ. ಪ್ರಸನ್ನ ಮೂಲತಃ ದಾವಣಗೆರೆ ಜಿಲ್ಲೆ ಹರಿಹರ ತಾಲೂಕಿನ ಮಲೆಬೆನ್ನೂರಿನವರು. ರೈಲ್ವೆ ಇಲಾಖೆಯಲ್ಲಿ ಎಕ್ಸ್‌ಪ್ರೆಸ್ ಗಾರ್ಡ್ ಆಗಿ ಕೆಲಸ ನಿರ್ವಹಿಸುತ್ತಿದ್ದಾರೆ. ಪ್ರಸನ್ನ ಅವರು ರೈಲ್ವೆ ಇಲಾಖೆ ಸೇರಿದ ಮೇಲೂ ಸಿವಿಲ್ ಸರ್ವೀಸ್‌ಗೆ ಹೋಗಬೇಕೆಂದು ಪ್ರಯತ್ನಪಟ್ಟಿದ್ದರು. ಪರೀಕ್ಷೆಯಲ್ಲಿ ಯಶಸ್ಸು ಕಂಡಿರಲಿಲ್ಲ ತಾನುಮಾಡದ್ದನುಮಗನಾದರೂ ಮಾಡಲಿ ಎಂಬ ಆಸೆಯಿಂದ ಸಣ್ಣ

ಯುಪಿಎಸ್ಸಿಯಲ್ಲಿ ತೇರ್ಗಡೆಯಾಗಿದ್ದಕ್ಕೆ ಸಿಹಿ ತಿನಿಸುತ್ತಿರುವ ತಾಯಿ ಸಂಧ್ಯಾ ಎಂ.ಪಿ.

ವಯಸ್ಸಿನಿಂದಲೇ ಸಿವಿಲ್ ಸರ್ವೀಸ್ ಬಗ್ಗೆ ಮಗನಿಗೆ ಮಾಹಿತಿ ನೀಡುತ್ತಾ ಬಂದವರು ಪ್ರಸನ್ನ. ನೀನಾದರೂ ಪಾಸಾಗು ಎಂದು ಹುರಿದುಂಬಿಸುತ್ತಿದ್ದರು. ತಂದೆಯ ಆಸೆಯಂತೆ ಪುತ್ರ ಶ್ರೀನಿವಾಸ್ ಐದನೆಯ ಪ್ರಯತ್ನದಲ್ಲಿ ಯುಪಿಎಸ್ಸಿಯಲ್ಲಿ 235ನೇಯ ರ್ಯಾಂಕ್‌ನಲ್ಲಿ ಪಾಸಾಗಿದ್ದಾರೆ. ಈ ಮೂಲಕ ತಂದೆ ಕನಸು ನನಸು ಮಾಡಿದ್ದಾರೆ.

ಓದಿದ್ದು ಹುಬ್ಬಳ್ಳಿಯಲ್ಲೇ: ಮೂಲತಃ ಮಲೆಬೆನ್ನೂರಿನವರಾದರೂ ಹುಟ್ಟಿ ಬೆಳೆದಿರುವುದೆಲ್ಲ ಹುಬ್ಬಳ್ಳಿಯಲ್ಲೇ. ಇವರ ತಂದೆ ಕೆಲಸದ ಕಾರಣದಿಂದ ಹುಬ್ಬಳ್ಳಿಯಲ್ಲಿ

> ● ನನ್ನ ತಂದೆ, ದೊಡ್ಡಪ್ಪ ಇಬ್ಬರು ಸಿವಿಲ್ ಸರ್ವೀಸ್‌ನಲ್ಲಿ ಸೇರಬೇಕೆಂದು ಪ್ರಯತ್ನಿಸಿದ್ದರು. ಆದರೆ ಯಶಸ್ಸು ಕಂಡಿರಲಿಲ್ಲ. ಅದನ್ನು ನನಸು ಮಾಡಬೇಕೆಂಬ ಇಚ್ಛೆ ಇತ್ತು. ಹೀಗಾಗಿ 4 ಸಲ ವಿಫಲತೆ ಕಂಡರೂ ಮತ್ತೆ ಪ್ರಯತ್ನಿಸಿ ಪಾಸಾಗಿದ್ದೇನೆ. ನಮ್ಮ ತಂದೆ, ತಾಯಿ ಸೇರಿದಂತೆ ಕುಟುಂಬದ ಸದಸ್ಯರೇ ನನಗೆ ಪ್ರೇರಣೆ.
> ● ಎಂ.ಪಿ. ಶ್ರೀನಿವಾಸ್

ನೆಲೆಸಿದ್ದಾರೆ. ಇಲ್ಲಿನ ಚಿನ್ಮಯ ಸ್ಕೂಲ್‌ನಲ್ಲಿ ಅಂಗ ಮೊದ್ಯಮದಲ್ಲಿ 1ರಿಂದ 10ನೇಯ ತರಗತಿವರೆಗೂ ಓದಿರುವ ಶ್ರೀನಿವಾಸ್, ಹೈದ್ರಾಬಾದ್‌ನ ನಾರಾಯಣ ಕಾಲೇಜ್‌ನಲ್ಲಿ ಪಿಯುಸಿ, ಬೆಂಗಳೂರಿನ ಆರ್.ವಿ. ಕಾಲೇಜ್‌ನಲ್ಲಿ ಎಂಜಿನಿಯರಿಂಗ್ (ಇನ್ ಸ್ಟ್ರುಮೆಂಟೇಶನ್ ಟೆಕ್ನಾಲಜಿ) ಓದಿದ್ದಾರೆ. 2014ರಲ್ಲಿ ಎಂಜಿನಿಯರಿಂಗ್ ಮುಗಿಸಿ ಅಮೆರಿಕಾದಲ್ಲಿ ಎಂಎಸ್ (ಸಿಎಫ್‌ಆರ್‌ಎಂ)

> **ಯುಪಿಎಸ್ಸಿ ಪಾಸ್ ಮಾಡುತ್ತೇನೆ ಎಂದು ಆದನ್ನು ಮಾಡಿ ಕೋರಿಸಿದ್ದಾನೆ. ಮಗನ ಸಾಧನೆ ಬಗ್ಗೆ ಹೆಮ್ಮೆಯಿದೆ. ಆತ ಪಾಸಾಗಿರುವುದು ಖುಷಿಯಾಗಿದೆ.**
> ● ಎಂ.ಪಿ. ಸಂಧ್ಯಾ, ಶ್ರೀನಿವಾಸ್ ತಾಯಿ

ಮಾಡಿದ್ದಾರೆ. ಬಳಿಕ ಆಲ್ಲೇ ಖಾಸಗಿ ಕಂಪನಿಯೊಂದರಲ್ಲಿ 1 ವರ್ಷ ಕೆಲಸ ಕೂಡ ಮಾಡಿದ್ದಾರೆ. ಬಳಿಕ ಸಣ್ಣ ವಯಸ್ಸಿನಿಂದ ಇದ್ದ ತಂದೆ ಕನಸ್ಸು ನನಸು ಮಾಡಬೇಕೆಂಬ ಇಚ್ಛೆಯಿಂದ ಭಾರತಕ್ಕೆ ಮರಳಿ ಯುಪಿಎಸ್ಸಿ ಪರೀಕ್ಷೆ ತಯಾರಿ ನಡೆಸಿದ್ದಾರೆ. ಎಂಜಿನಿಯರಿಂಗ್ ಓದಿರುವ ಶ್ರೀನಿವಾಸ್ ಮೊದಲಿಗೆ ಐಚ್ಛಿಕವಾಗಿ ಗಣಿತ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡಿದ್ದರು. ಮೊದಲ ಪ್ರಯತ್ನದಲ್ಲಿ ಪ್ರಿಲಿಮ್ಸ್ ಕೂಡ ಪಾಸಾಗಿರಲಿಲ್ಲ. ಬಳಿಕ ಮುಖ್ಯ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಯಶಸ್ಸು ಕಾಣಲಿಲ್ಲ. 3ನೇಯ ಸಲ ಮತ್ತೆ ಪ್ರಿಲಿಮ್ಸ್‌ಲ್ಲೇ ವಿಫಲತೆ ಕಂಡರು. 4ನೇಯ ಸಲ ಸಂದರ್ಶನದಲ್ಲಿ ಫೇಲ್ ಆದರು. ಅದರೂ ಛಲ ಬಿಡದ ತ್ರಿವಿಕ್ರಮನಂತೆ

ಮತ್ತೆ ಪ್ರಯತ್ನಿಸಿದರು. ಜತೆಗೆ ಗಣಿತ ವಿಷಯ ಐಚ್ಛಿಕವಾಗಿದ್ದನ್ನು ಕೈ ಬಿಟ್ಟು ಕನ್ನಡ ಸಾಹಿತ್ಯವನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡು 5ನೆಯ ಬಾರಿಗೆ ಪ್ರಯತ್ನಿಸಿ ಯಶಸ್ಸು ಕಂಡಿದ್ದಾರೆ. ಹೀಗಾಗಿ ಎಂಜಿನಿಯರಿಂಗ್ ಓದಿದರೂ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಬರೆದು ಯುಪಿಎಸ್ಸಿಯಲ್ಲಿ ಪಾಸಾಗಿರುವುದು ವಿಶೇಷ. ಈ ಬಗ್ಗೆ ಕೇಳಿದರೆ, ನಾನು ಆಂಗ್ಲ ಭಾಷೆಯಲ್ಲೇ ವಿದ್ಯಾಭ್ಯಾಸ ಮಾಡಿದರೂ ಕನ್ನಡ ಭಾಷೆ ಬಗ್ಗೆ ಒಲವು ಜಾಸ್ತಿ. ಜತೆಗೆ ನಮ್ಮ ಅಜ್ಜ ಕನ್ನಡ ಶಿಕ್ಷಕ. ಹೀಗಾಗಿ ಕನ್ನಡ ಆಯ್ಕೆ ಮಾಡಿಕೊಂಡು ತಯಾರಿ ನಡೆಸಿದೆ. ಈ ಸಲ ಯಶಸ್ಸು ಕಂಡೆ ಎನ್ನುತ್ತಾರೆ.

ತರಬೇತಿ: ಕನ್ನಡ ಭಾಷೆ ಬಗ್ಗೆ ಸರಳ್ಯ ಬಾಲಸುಬ್ಬಹ್ಮಣ್ಯ ಅವರ ಛಲ ತರಬೇತಿ ಪಡೆದಿದ್ದಾರೆ. ಉಳಿದಂತೆ ಬೆಂಗಳೂರಿನ ಇನ್ ಸ್ಟ್ ಆಸ್ ಇಂಡಿಯಾ ಎಂಬ ಸಂಸ್ಥೆಯಲ್ಲಿ ಕೆಲಕಾಲ ತರಬೇತಿ ಪಡೆದಿದ್ದೇನೆ ಎಂದು ತಿಳಿಸುವ ಶ್ರೀನಿವಾಸ್, ಯುಪಿಎಸ್ ಪರೀಕ್ಷೆಗೆ ಇಷ್ಟೇ ಗಂಟೆ ಅಧ್ಯಯನ ಮಾಡಬೇಕೆಂದೇನೂ ಇಲ್ಲ, ಆದರೆ ಪ್ರತಿಕ್ಷಣವೂ ಕಲಿಕೆ. ಅದನ್ನು ಆರ�006. 5ನೆಯ ಬಾರಿ ಯಶಸ್ಸು ಕಂಡೆ ಎಂದು ನುಡಿಯುತ್ತಾರೆ.

Mr. Srinivas M. P visited the department after clearing UPSC -with ranking 235 in Civil Services Examination. The department congratulates him for his extraordinary achievement