

# R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY R.S.M NAGAR, PUDUVOYAL.



#### <u>JULY 2021- DEC 2021</u>

#### NATIONAL CONFERENCE:

The Department of Electronics and Communication Engineering organized "National Conference on Communication and Signal Processing Systems - NCCSS 2021". It was inaugurated by the Chief Guest Dr. Mourougayane Selvam Gopinath Raja, Scientist F, Head DSP Division, SAMEER – Centre of Electromagnetics, Govt. of India, on 08.10.2021 and 09.10.2021 in Virtual Mode.



## **NATIONAL WORKSHOP:**

➤ The Department of Electronics and Communication Engineering conducted online workshop on "IOT for Smart Future" by the resource person Dr. Manikandan A, Chair Person Incharge /ECE, School of Engineering, Amrita Vishwa Vidyapeetham, Chennai Campus, on 02.07.2021.



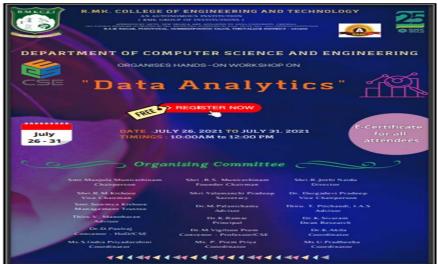
➤ The Department of EEE organized Workshop on "Hands on Exposure with IoT Equipment" on 09.07.2021. The resource person was Mr. Suresh Dantum, Vice President, Techsys IoT Labs.



➤ The Department of Electronics and Communication Engineering conducted online workshop on the topic "Electronic System Design" by the resource person Mr. Karthikeyan S, Indian Institute of Science Education and Research, on 17.07.2021.



The Department of Computer Science and Engineering conducted "Six Days Virtual workshop on Data Analytics", from 26.07.2021 To 31.07.2021, The resource person were Ms.Mounica Subramani, Data Scientist, BioAI Health, Massachusetts and Professors from various eminent universities across India, for the faculties of various colleges.



The Department of Computer Science and Engineering, Electronics and Communication Engineering, Artificial Intelligence & Data Science and Mechanical Engineering, RMK College of Engineering and Technology Organized a Workshop Titled "Yoga for Stress Relief and Human Excellence" on 08.09.2021, 09.09.2021 and 13.09.2021, The resource person was Dr. Kalaichelvi S, Yoga trainer and Dr. Vijaya G, Yoga trainer, for the Second Year Students.



➤ The Department of Mechanical Engineering organized a workshop on "Entrepreneurship and Innovation as Career Opportunity" on 03.12.2021. The resource persons were Dr. Uma Maheswari P, CEO, AIC Anna Incubator, Anna University, Chennai.



The Department of EEE conducted "Effective utilization of Electrical Energy-Safety and First Aid", on 17.12.2021. The workshop was intended for updating the awareness of non teaching staff on safety and optimum utilization of electricity. The resource persons were Dr. Catherine T.J., Associate Professor/EEE, and Dr. Umasankar L, Assistant professor/EEE.





➤ The Department of EEE organized Workshop on "Industry Scope, Self-Employment and Idea Communication" on 24.12.2021. The resource person was Mr. Sai Sachin, System Engineer, Robert-Bosch who is an Alumni of EEE department of RMKCET.



#### **ONLINE WEBINAR:**

➤ The Department of Electronics and Communication Engineering in association with IIC organized a Live webinar on the topic "Panel Discussion With Innovation And Start-Up Ecosystem Enablers", Resource Person was Mr.Balaji Radware, Sheid Square, SDET on 02.07.2021.



The Department of EEE organized a Webinar on "How to crack Competitive Examinations" on 02.07.2021. The resource person was Mr. Rakesh Ramkumar B (Alumini 2013-17 batch) for preparing the students for higher education.

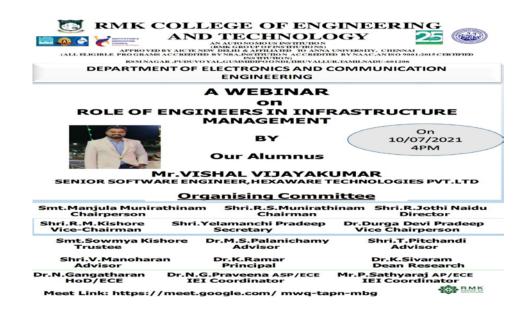


➤ The Department of Mechanical Engineering organized a state-level Webinar on "CFD Application in Fin and Tube Heat Exchanger" on 08.07.2021. The resource person was Dr. Deepak Kumar R, Assistant Professor, Department of Thermal and Energy Engineering, Vellore Institute of Technology for the faculties and students.

➤ The Department of Computer Science and Engineering organized A Webinar on "Placement Orientation" on 10.07.2021. The resource person were Mr. Nandha Kumar G, software Engineer, Hub Stream and Ms.Nivedha K, Intern at Trimble for the Final year students.



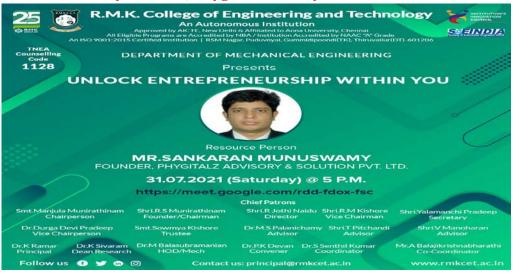
➤ The Department of Electronics and Communication Engineering conducted online webinar on the topic "Role Of Engineers In Infrastructure Management", by the resource person, our Alumnus, Mr.Vishal Vijayakumar, Senior Hexaware Engineer, Hexaware Technologies Pvt. Ltd. on 10.07.2021.



➤ The Department of Computer Science and Engineering organized A Webinar on "Opportunities In Cloud Computing Platforms", on 15.07.2021. The resource person was Mr. Vasanth Sundaravelu, System Engineer, Modern Analytics Cloud" for the Third year students.



- The Department of Computer Science and Engineering organized A Webinar on "How To Crack Civil Service & Competitive Examinations", on 16.07.2021. The resource person were Mr.V.R.Sriramadesikan V R, Chief Coordinator, Chinmaya Academy and Mr.RajSekar, Competitive Exam Trainer" for the Third year and Final year students.
- ➤ The Department of Mechanical Engineering organized a state-level Webinar on "Unlock Entrepreneurship within You", on 31.07.2021. The resource person was Mr. Shankaran Munuswamy Founder, Phygitalz advisory and Solutions Ltd.

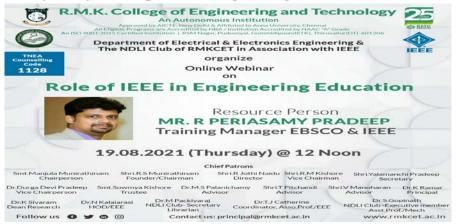


➤ The Department of Mechanical Engineering organized a state-level Webinar on "Industrial digital twin", on 07.08.2021. The resource person was Mr. Vishnu Vardhan, Creon Technologies.

The Department of Mechanical Engineering organized a state-level Webinar on "Transition from mechanical engineer to software engineer", on 14.08.2021. The resource person was Mr. Salaivan Muthu Sampath, Senior Project Manager, CTS.



The Department of EEE in association with IEEE and NDLI, organized a webinar on the topic "Role of IEEE in Engineering Education", on 19.08.2021. The resource person was Mr. Periyasamy Pradeep R, Training Manager, EBSCO & IEEE.



➤ The Department of Mechanical Engineering organized a state-level Webinar on "Igniting Budding Engineers towards Innovation and creativity", on 24.08.2021. The resource person was Mr. Vishnu Vardhan, CEO, Atal Incubation Centre, Puducherry Engineering College.



- ➤ The Department of Mechanical Engineering organized a state-level Webinar on "Igniting Start-up mind among budding engineers", on 26.08.2021. The resource person was Mr. Balaji Manoharan, Assistant Director, MSME.
- ➤ The Department of Mechanical Engineering organized a state-level Webinar on "Multiphysics Approach for Engineering Problems using Fluidyn", on 04.09.2021. The resource persons were Mr. Subhash Shinde, Mr. Gopalakrishnan C, Managers, R&D, Fluidyn Consultancy Pvt Ltd.



➤ The Department of Mechanical Engineering organized a state-level Webinar on "Higher Education in Canada", on 04.09.2021. The resource person was Mr. Premnath Jeyaprakash, PGDM in Human Resource Management, Canadore College, Mississauga, Canada.



➤ The Department of Electronics and Communication Engineering conducted online webinar on the topic "Insights In Data Visualisation" by the resource person, Mr.Govindaraj V, Data Scientist, Free Lancer – Enrich Fintech, Bangaluruon 25.09.2021.



➤ The Department of Mechanical Engineering organized a state-level Webinar on "Study at University of Technology Sydney, Australia", on 29.09.2021. The resource person was Dr. Daniel Chandran, Adjunct Fellow, Faculty of Engineering & IT, University of Technology Sydney.



➤ The Department of Mechanical Engineering organized a state-level Webinar on "Patent Management System & Invention Disclosures" on 19.10.2021. The resource person was Mr. Thangapandian S, Deputy Controller of Patents & Designs, Govt. of India, Ministry of Commerce & Industry.



➤ The Department of S&H organized A Webinar on "Yoga for Happy and Healthy lifestyle" on 02.11.2021. The resource person was Dr. Vikram S, Yoga Trainer, Chennai.



The Department of Mechanical Engineering organized a state-level Webinar on "Entrepreneurship: A Way to wealth creation" on 13.11.2021. The resource person was Mr. Nirmal O R, Managing Director, Shettypicks, Chennai.



The Department of Computer Science and Engineering organized A Webinar on "My Story – Motivational Session by Successful Entrepreneur/Startup Founder", on 25.11.2021. The resource person were "Ms. Shivani Velayutham, Executive Director & Co-Founder, Divel Technovation Private Limited for the Third year and Final year students.



➤ The Department of Computer Science and Engineering organized A Webinar on "Conversion of Ideas into Business", on 30.11.2021. The resource person were "Mr. Senthilkumar Subramanian, Chief Executive Officer, AjeyaInfosol Private Limited for the Third year and Final year students.



The Department of S&H organized A Webinar on "Workshop on Entrepreneurship As Career Opportunity" on 13.12.2021. The resource person was Dr. Lakshmanan T, MHRD's Innovation Ambassador, Professor, School of Mechanical Engineering, SRM Institute of Science & Technology, Kattankulatur, Tamilnadu.



The Department of Mechanical Engineering organized a state-level Webinar on "Patent Filing" on 16.12.21. The resource person was Dr.Devan P K ,President IIC, Department of Mechanical Engineering, RMKCET.



➤ The Department of EEE organized webinar on "Funding Opportunities for Realizing Your Innovative Ideas" on 17.12.2021. The resource person was Dr. Arun C, Professor/ECE, RMKCET.



➤ The Department of EEE organized webinar on "Pitching Event for Ideas Scouted & Linkage with Innovation Ambassadors for Mentorship Support", on 17.12.2021. The resource person was Dr. Bindu K V., Assistant Professor/EIE, RMKCET.

#### **PROJECT CONTEST:**

The Department of Mechanical Engineering organized a Project Contest on "Intra-Department Project Contest 2021", Empower by Innovation on 14.11.2021.

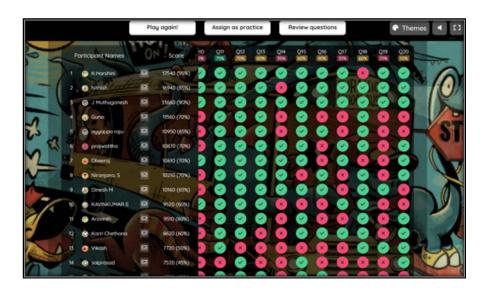


### **ASSOCIATION ACTIVITIES:**

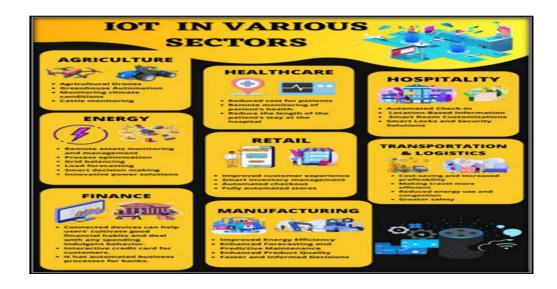
➤ The Department of Computer Science and Engineering organized the "Second Edition of TECHTRIX" on September 2021 – October 2021. Totally six events were conducted in virtual mode which includes three technical events and three non-technical events for the Third year Students.



- The Department of Computer Science and Engineering through the "CREATIVEART CLUB" during October 2021 organized a Creative Art Competition in virtual mode with the theme of "Emotion –human feelings, expression, knowledge through emotion, emotional situations, culture and emotions, controlled/uncontrolled emotions, conveying emotion, color, line and shape and emotions, Expressionism, Fauvism, Abstraction", for the Second year students.
- ➤ The Department of Computer Science and Engineering organized a "Coding Event" under Code Clubduring October 2021 in virtual mode on 11.10.2021. for the Second year students.
- ➤ The Department of Computer Science and Engineering organized a "Quiz Competition Technical" for Second Year students as part of the Quiz Club activity on 12.10.2021, for the Second year students.



➤ The Department of Computer Science and Engineering conducted an **e-poster design contest** with the theme of "SMART WORLD WITH IOT" as a part of the Poster Design Club for all II year Students of Computer Science and Engineering.



➤ The Department of Computer Science and Engineering Photography Club organized an **online photography contest** with the theme of "**PLANTING TREES**" among the CSE department Students on 20.09.2021.



## **GUEST LECTURE:**

➤ The Department of Electronics and Communication Engineering conducted Guest Lecture titled, "Panel Discussion With Innovation And Startup Ecosystem Enablers" was organized by ECE Department, 02.07.2021 at 4:00 pm for II and III year ECE students. The Resource Person: Mr.Balaji M, Radware, SHEILDSQUARE, SDET.



➤ The Department of Mechanical Engineering organized a Guest Lecture on "Overview of Automotive Power train and Vehicle Dynamics", on 16.11.2021. The resource persons were Mr. Shankar Ananda Krishnan V, Product Expert Driveline Systems, ZF Wabco India Ltd, Chennai.

## Faculty Development Program:

➤ The Department of Electronics and Communication Engineering conducted Three days Virtual FDP to all the faculty from various parts of India on the topic "Research Perspective in AI & Its Application", by the six resource persons from 22.07.2021 to 24.07.2021.



➤ The Department of Electronics and Communication Engineering, conducted Three days Virtual FDP to all the Women faculty from various parts of India on the topic "Unleash The Prominence of Flowers" – A Women Empowerment Program by the six resource persons from 26. 07. 2021 to 28.07.2021.



➤ The Department of Electronics and Communication Engineering conducted three days Virtual FDP to all the faculty from various parts of India on the topic "Enriching Research Methodologies, Effective Journal Publications And Proposal Drafting", by the six resource persons from 26.07.2021 to 28.07.2021.



➤ The Department of Mechanical Engineering conducted a National level five days Online Faculty Development Program on "Electric Vehicles: Challenges and Opportunities in Future India" from 20.9.2021 to 24.9.2021 sponsored by AICTE- ATAL Academy. The Chief Guest for this event was Shri. Prasanth kumar Palani, Head Automotive Homologation, Haritha Techlogix.



➤ The Department of CSE conducted an Online Faculty Development Program on the topic "Artificial Intelligence", from 20.12.2021 to 27.12.2021. The Chief Guest for this event was Mr.Roy Antony Arnold George, Infosys Education and Research head, Infosys for the faculties of various Engineering colleges.

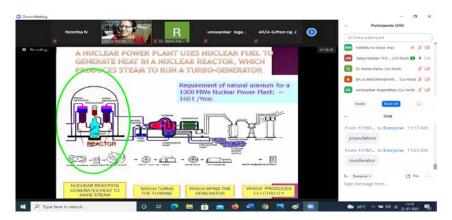


#### **VIRTUAL INDUSTRIAL VISITS:**

► III Year ECE students Virtual industrial visit to IGCAR on 22.7.2021.



Special Talk by Dr.R. Venkatesan , Head / Radiological and Environmental Safety Division, IGCAR



Technical Talk by Mrs Jalaja Madan Mohan, Head TCPAS

- ➤ The Department of Mechanical Engineering organized a virtual industrial visit to "Pumo Technovation India Private Ltd" on 17.07.2021 for the students of the Mechanical Engineering Department.
- ➤ II Year and IV Year students Virtually visited Soliton Technologies on 11.10.2021.



IQAC Co-Coordinator Ms.S.Sesha Vidhya/ASP/ECE