



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



**JAN 2022 - JUNE 2022**

## **AWARDS:**

- **Ragasupraja S., Akash A., Kayalvizhi S., Preethi R., Preethi S and Romy Ann V R.,** of ECE students have received **“BEST ISTE Students Award–2021”** from ISTE CHAPTER, on 25.03.2022.



- **Guru Prasaath R R.,** of Mechanical Engineering student received **“BEST ISTE Students Award–2021”** – from ISTE CHAPTER, Tamilnadu Section, on 25.03.2022.
- **Rachapalayam Vignesh Kumar., Manikanta Sai Venkatesh., Sanjeev Kumar N., Nithin L Raja., Lalith Kumar S., Mupalla Monish., Pinnam Reddy Avinash Reddy., PavithraJ., Krithuika Venkateshwaran., Kanniga Parameshwari S And Rasika M.,** of ECE students have received **“Chattra Vishwakarma Award”** from AICTE on 24.05.2022.

## **PATENT FILED:**

- Mr.VijayAnandh R., Asso. Prof., Dr.Praveena N G Asso. Prof., Mr. Shaik Hedayath Basha Asst. Prof., Ms. Komathi B J Asst Prof., Ms. Nithiya C Asst Prof., Ms. Samuda Prathima Asst. Prof., and Ms.Manimegalai L Asst. Prof., **Aswini N., Durgadevi A., Jayasri D., Aarthi R** published a patent titled **"Voice Based Automation Facility For Disabled People In Smart Home"** in MARCH 2022.
- Ms. Sivalakshmi P Asst. Prof., Dr. Gangatharan N Prof., Dr. Shanthi KG Prof., Ms. Sangeethalakshmi K Asst. Prof., Ms. Sessa Vidhya S Asso. Prof., Ms. Sandhiya S Asst. Prof., and Ms. Rajalakshmi S Asst.Prof., **S. Santhosh Kumar** published a patent titled **"Device For Direct, Optimized Fair Selling Of Agricultural Produce"** in MARCH 2022.
  - Dr.P.K.Devan, R.Ashok Kumar, **V.Thangadurai and Thummala Lokesh.,** published a patent titled **“Emission Control Using New Chemical Composition Applied in Engine Exhaust Line (Muffler) Of A Stationery Diesel Engine”** (Application Number: 201641003944). Patent Number: 387556 Date of Grant: 27.01.2022.

- Dr.M.Balasubramanian, Dr.P.K.Devan, Mr.T.G.Loganathan, **Mohamed Furquan,K, Murahari Saai Krishna and Lalith Kumar. D.**, published a patent titled **“An attachment for Generating Spur Gear and Helical Gear Using Radial Drilling Machines”** (Application Number: 201641038549). Patent Number: 391195. Date of Grant: 04.03.2022.
- Dr. Sudhakar K, Dr.Devi G, Dr. Devan P.K., **Jagadeesh T, Karthick M, Karthikeyan S, Jagan D, and Muthuganesh J.**, published a patent titled **“Urban Agro-Farming in Rain Water Harvesting Channels”** was published on 07/01/2022. Application Number: 202141060812.
- Dr. Sudhakar K, Dr.Devi G, Dr. Devan P.K., **Jagadeesh T, Karthick M, Karthikeyan S, Jagan D, and Muthuganesh J.**, published a patent titled **“Eco Friendly Interlinked Hybrid Absorbent Polymer as Planting Medium for Reducing Frequency of Irrigation”** was published on 07/01/2022. Application Number: 202141060813.

### **NATIONAL WORKSHOP:**

- The Department of Computer Science and Engineering conducted **“Virtual workshop on Idea, PoC Pitching and Validation”**, on 27.01.2022. The resource person was **Mr. Arun Gokul G R, Full Stack Developer, Zoho Corporation, Chengalpattu-603202, India**, for the III Year students.



- The Department of Computer Science and Engineering conducted **“An One Day Virtual workshop on Entrepreneurship Skill, Attitude and Behavior Development”**, on 29.01.2022. The resource person was **Mr. B.V. Vishaal Raj, CEO, Excel Enterprises, Tiruvallur, Tamil Nadu, India**, for the II Year students.



- The Department of Computer Science and Engineering conducted **“Virtual workshop on Software Tools Involved in Market Survey and Research”**, on 31.01.2022. The resource person was **Mr. Dickson Samuel, Consultant, HCL Technologies, Chennai, India**, for the II Year and III Year students.

- The Department of Computer Science and Engineering conducted “An One day Virtual workshop on Prototype/ process design and development”, on 20.05.2022. The resource person was **Mr.Shankar Soundarajan Manager Business Operations, Denodo Technologies, Chennai, India**, for the II Year and III Year students.



### **NATIONAL SCIENCE DAY:**

**National Science Day** was celebrated in our campus on 21.02.2022. The Chief Guest was **Dr. Jaisankar S N., Chief Scientist & Head, Polymer Science & Technology Division, CSIR-CLRI, Adyar, Chennai – 600 020.**



### **INTERNATIONAL WOMEN'S DAY:**

- **International Women's Day 2020** was celebrated in our campus on 10.03.2022. There were three Guests for the Women's Day celebration. **Dr. N Malathi MBBS ,MS, FRCS, Ophthalmic surgeon, Pranav Eye Care Hospital, Ambattur** was the Chief Guest. **Dr. Manimala Srinivasan, MBBS, DPM Consultant Psychiatrist Child Care, Ambattur, RPS Hospital, Korattur** was a guest speaker & **Dr. Veena Balamurugan, MBBS, Physician GV Clinic, Avadi** was another guest speaker.



- They stressed upon the importance of Women's health towards inclusive prosperity. This program was really informative and useful for all the women faculty and students of our Institution. The students interacted with the Guests and clarified their doubts related to health and personal issues. A medical camp was organized by the Women Development Cell and NSS unit, sponsored by ISTE.

### **LAB TECHNICIANS WORKSHOP:**

- The Department of Electronics and Communication Engineering of R M K College of Engineering and Technology, conducted workshop to all the ECE and EEE department lab technicians on the topic **“Testing and Repairing Electronic Equipment”** by the resource person **Mr. Babu K, CEO - Microtronix System Solutions, Chennai**, on 05.03.2022.



### **“Snake and Ladder” - An Aptitude Contest:**

- The Department of Electronics and Communication Engineering of R M K College of Engineering and Technology, conducted **“SNAKE and Ladder-aptitude contest”** to all the ECE Students from 22.04.2022 to 23.04.2022.



### **ONLINE WEBINAR:**

- The Department of Computer Science and Engineering conducted **“Virtual workshop on Challenges on Prototype Development”**, on 28.01.2022. The resource person was **Ms. Hareni K S, Software Engineer, SopraSteria, Kanchipuram, India**, for the III Year students.



- The Department of Computer Science and Engineering conducted **“Webinar on Schemes by government of India and state government start-ups”**, on 31.01.2022. The resource person was **Dr. E Bhaskaran, Jont director, Department Of Industries and Commerce, Government of Tamil Nadu, Chennai, India**, for the IV Year students.



- The Department of ECE, in association with Institutions Innovation Council (IIC), organized online webinar on **“Multidisciplinary Approach on Design Thinking”** by the resource person, **Mr. Jayanandan T V, Founder/CEO Tesla Minds, Tamil Nadu** on 23.02.2022.



- The Department of ECE, in association with Institutions Innovation Council (IIC), organized online webinar on **“Process of Innovation Development & TRL & Commercialization of Lab Technologies & Tech-Transfer”** by the resource person, **Mr. Raj Kapoor M A, Field Coordinator, Anna University, Tamil Nadu** on 24.02.2022.



- The Department of ECE, in association with Institutions Innovation Council(IIC),organized online webinar on **“IDEA – PoC – PROTOTYPE – STARTUP ”**,by the resource person, **Mr. Vijayarajan R, CEO, Meticulous Academy of Xcellence Private Limited, TamilNadu** on 25.02.2022.



- The Department of ECE, in association with Institutions Innovation Council (IIC), organized online webinar on **“LEGAL AND ETHICAL STEPS IN EARLY START-UPS”**, by the resource person, **Mr. J. JIM DANIEL, JEN Engineering Industries, Coimbatore, TamilNadu** on 05.03.2022.



- The Department of Computer Science and Engineering conducted **“Webinar on Idea Validation and Innovation”**, on 17.05.2022. The resource person was **Mr. Divyavasanth, Chief Executive Director ACCSYS DOT COM STORE PVT LTD, India**, for the II Year and III Year students.

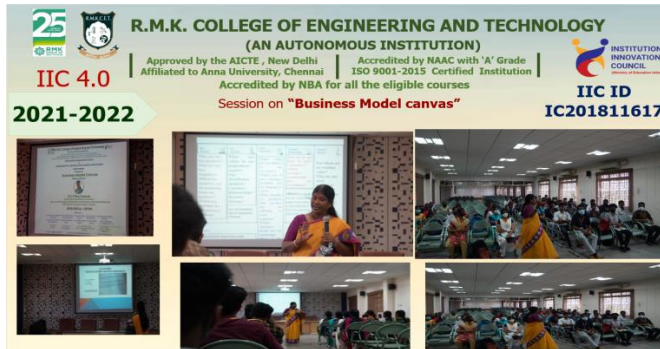


### **GUEST LECTURE:**

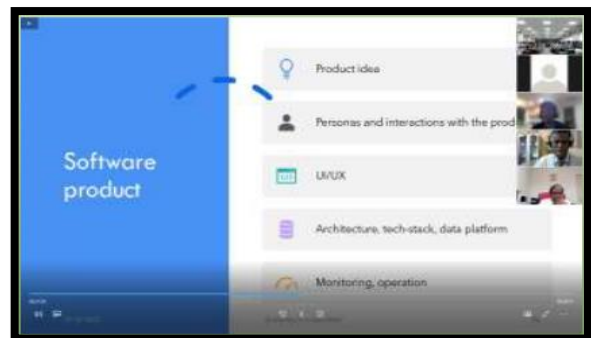
- The Department of AI & DS conducted a Guest Lecture on **“Cloud Strategies For Data Science”**, on 04.04.2022 by **Mr. Selvamuthukumar T, Senior Data Engineer, Clearlink, Bengaluru.**



- The Department of AI & DS conducted a **“Session on Business Model Canvas”** by **Dr. Rosy Fernando C P., professor & Head, Department of Commerce, MOP Vaishnava College for Women**, on 20.04.2022.



- The Department of AI & DS conducted a Guest Lecture on **“DAY-TO-DAY LIFE IN A DATA TEAM”** on 25.04.2022. by **Mr. Sivanand Sivaram, Senior Data Engineer, Phocas Software, New Zealand & AI Advisor, SuperOps.ai, Delaware.**



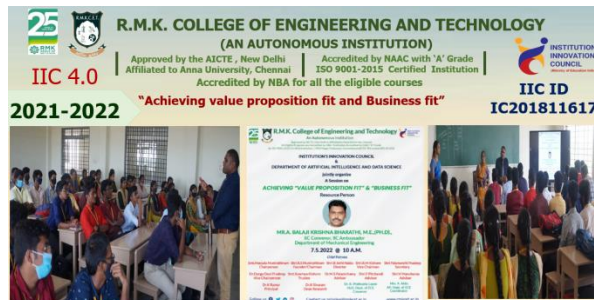
- The Department of AI & DS Celebrated a **“World Intellectual Property Day”** by **Dr.Devan P K ., IIC President, RMKCET,** on 26.04.2022.



- The Department of ECE conducted a Guest Lecture on **"Applications and Opportunities in Embedded Systems"** was organized by ECE department on 07.05.2022, for III ECE students. The Resource Person was **Mr. Eswara Prabhu B A , Senior Engineer, Herman International, Bangalore.**



- The Department of AI & DS Conducted a **“Session on Achieving “Value Proposition Fit” & “Business Fit”, Mr. BALAJI KRISHNA BHARATHI A., IIC Convenor, IIC Ambassador,** held on 07.05.2022.



- The Department of ECE conducted a Guest Lecture on **"Big Interoperable Design Techniques for CMOS-MEMS Sensor"** was organized by ECE department on 19.05.2022 for Second year and Third ECE students. The Resource Person was **Dr. Ananiah Durai S, Associate Professor, VIT University, Chennai.**



- The Department of ECE conducted a Guest Lecture on **"Design of Advanced Communication Systems”** was organized by ECE Department, 26.05. 2022 for II and III year students. The Resource Person was **Dr. Mourougayane K, Scientist-F, Head DSP Division & Programme Director(Projects).**



- The Department of AI & DS conducted a **“Session on Business Model Canvas”** by **Dr. Senthil Kumar S., Professor, Dept. of Mech, RMK CET.,** on 30.05.2022.



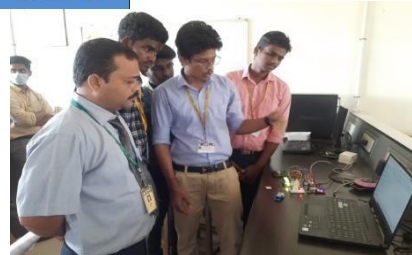


- The Department of S&H conducted a Session on **"Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs"** was conducted for I year students on 18.06.2022. The Chief Guest was **Mr. Balaji Krishna Bharathi A, Innovation Ambassador, R.M.K. College of Engineering and Technology.**



### **MINI PROJECT:**

- The Department of Electronics and Communication Engineering of R M K College of Engineering and Technology in association with IEEE & ISTE student chapter organized **"Mini Project Contest"** on 06.05.2022.



### **VIRTUAL TOUR:**

- The Department of CSE conducted a VIRTUAL TOUR Program on the topic **"Exposure and field visit for problem identification"**, on 05.01.2022. The place virtually visited for this event was **Jain Recycling Private Limited, D-12, SIPCOT Industrial Complex, Gummidipoondi, Tamil Nadu – 601 201** for the III Year students.

## **INDUSTRIAL VISITS:**

- II Year AI& DS students Virtually visited **M/s. SATHIYAM TELEVISION** on 29.04.2022.



- II Year A,B and C section ECE students visited **“SHAR”**, Sriharikota on 04.05.2022.



- III Year A, B and C section ECE students visited **“Ennore Port”**, Ennore on 16.05.2022.



- II Year A, B and C section ECE students visited **“EnnorePort”**, Ennore on 17.05.2022.



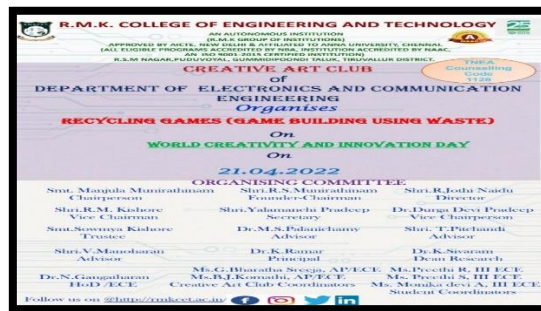
- III Year C section ECE students visited **“Kamachi Industries Limited”**, Gummudipoondi, on 19.05.2022.



4. The Coding Club organized a contest “**SNAKE AND LADDER**” on 22.04.2022 by **Dr. Josephin Shermila, Ms. Samuda Prathima and Mr. M.Babu**



5. The Creative Arts Club organized a contest on the theme “**RECYCLING GAMES(Game Building using Waste)**” on 21.04.2022 by **Ms. Bharatha Sreeja and Ms. Komathi B J**



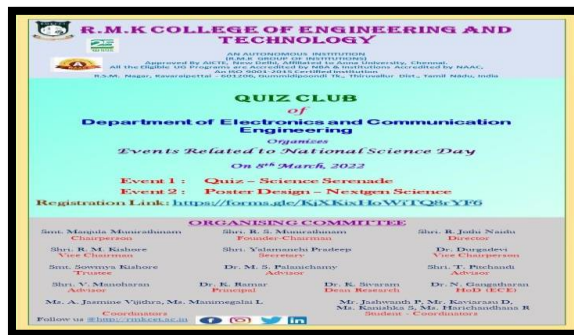
6. The Literary Club organized a contest “**TECHNICAL DUMB CHARADES CONTEST**” on 23.04.2022 by **Ms. K. Dhivya and Ms. S. Rajalakshmi**



7. The Eco-Dirt Club organized a contest "Think clean and go green" on 06.05.2022 by Mr. S. Jai Ganesh, Mr.Sk. Hedayath Basha and Ms. Nithiya



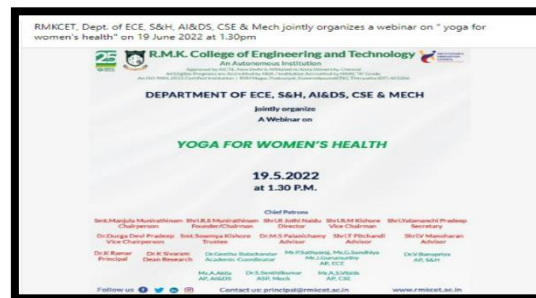
8. The Quiz Club organized a contest "Events Related to National Science Day" on 08.03.2022 by Ms. Jasmine Vijithra A and Ms. Manimegalai L



9. The Science Club organized a contest "Events Related to National Science Day Celebration" on 28.02.2022 by Mr. R. Vijay Anandh, Ms. P. Sivalakshmi, Mr. C. Karthikeyan and Ms. R. Subatra



10. The Yoga Club organized a contest "Yoga for Women's health" on 19.05.2022 by Mr P. Sathyaraj, Ms. G. Sandhya Mr. J. Gurumurthy



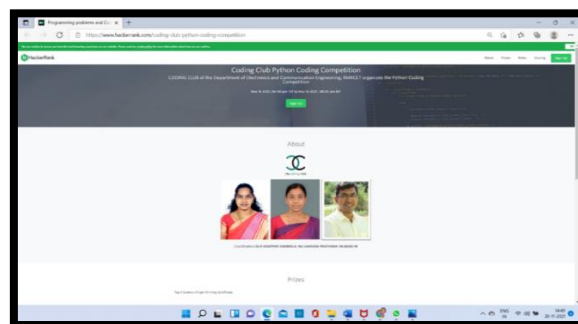
11. The Poster Making Club organized a contest “**Online Poster Presentation World Earth Day**” on 22.04.2022 by **Ms. K. Sangeethalakshmi and Ms. N. Nimitha**



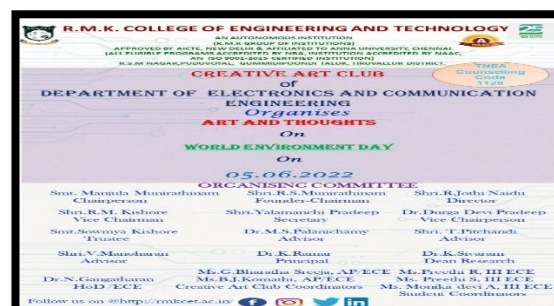
12. The Photography Club organized a contest " **ONE MINUTE VIDEO CONTEST ON SAVE EARTH** " on 16.05.2022 by **Mr. K. Sivachandar and Ms. P. Arthi Devarani**



13. The Coding Club organized a contest “ **Coding club Python Coding competition**” on 31.05.2022 by **Dr. Josephin Shermila, Ms. Samuda Prathima and Mr. Babu M**



14. The Creative Arts Club organized a contest **ART AND THOUGHTS** Competition on the theme “**Arts and Thoughts on WORLD ENVIRONMENT DAY**” on 05.06.2022 by **Ms. Bharatha Sreeja and Ms. Komathi B J**



15. The Literary Club organized a contest **“ELOCUTION, CREATIVE WRITING and DEBATE”** on 19.05.2022 by **Ms. K. Dhivya and Ms. S. Rajalakshmi**

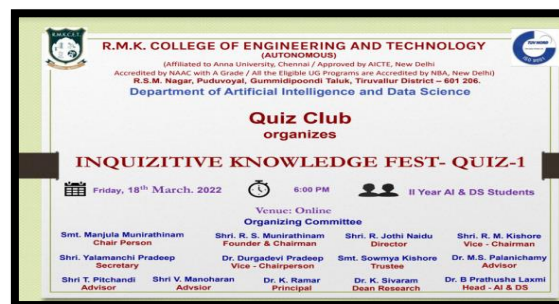


16. The Science Club Club organized a contest **“INNOVATIVE PROJECT DEMONSTRATION PARADE”** on 28.01.2022 by **Mr. R. Vijay Anandh, Ms. P. Sivalakshmi, Mr. C. Karthikeyan and Ms. R. Subatra**

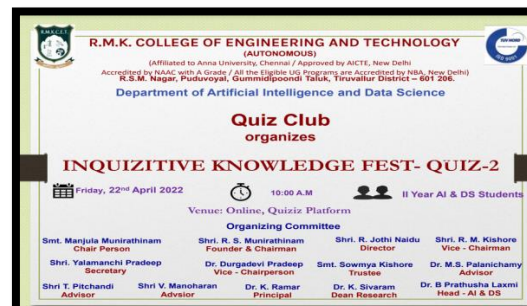


The AI & DS Department conducted:

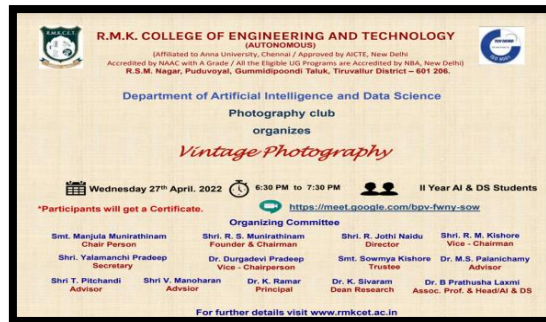
1. Online Quiz Competition on **Inquizitive Knowledge Fest Quiz 1** on 18.03.2022 by **Mr. L. Maria Michael Visuwasam ,AP,AI & DS.**



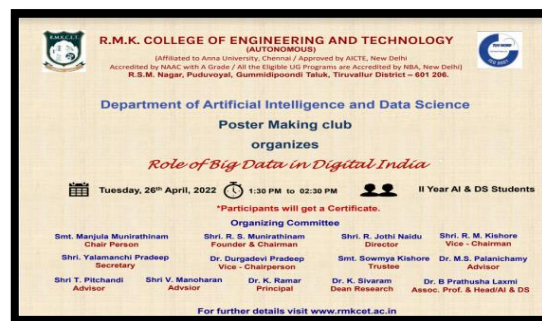
2. Online Quiz Competition on **Inquizitive Knowledge Fest Quiz 2** on 22.04.2022. by **Mr. L. Maria Michael Visuwasam,AP,AI& DS.**



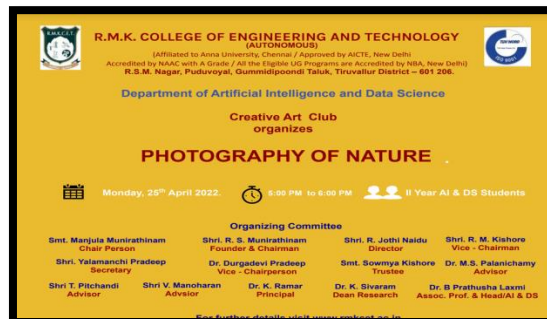
3. Photography club activity on **Vintage Photography** on 27.04.2022 by **Mrs.A.AKILA, AP, AI& DS**



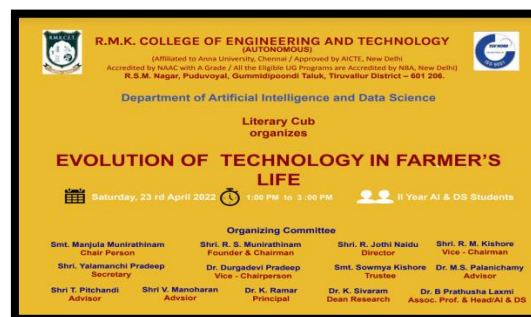
4. Poster Making Competition on **“Role of Big Data in Digital India”** on 26.04.2022 by **Mrs.A.AKILA, AP, AI& DS**



5. Creative Art club - **Photography of Nature** 25.04.2022 by **Mrs. T.KARPAGAM, AP, AI & DS**

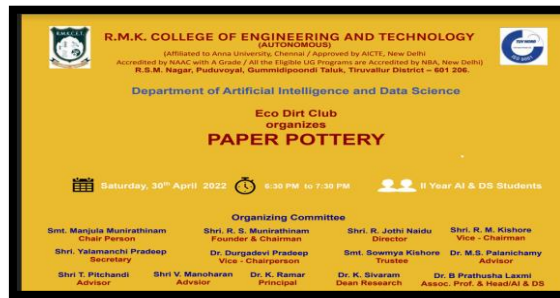


6. **Evolution of technology in farmers life club activity** conducted by **Literary Club** on 23.04.2022 by **Mrs. T.KARPAGAM, AP, AI & DS**

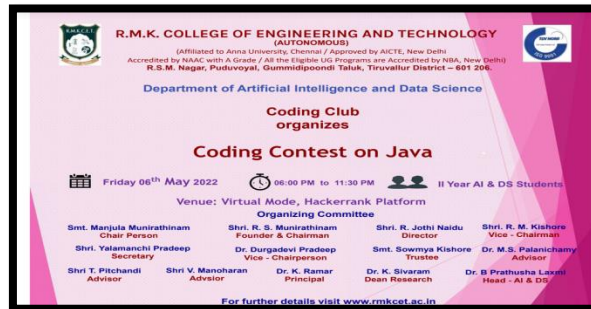




7. **ECO-DIRT Club- Paper Pottery** on 30.04.2022. by **Mrs. T.KARPAGAM, AP,AI &DS**



8. **Coding Contest – Java** was conducted by coding club on 06.05.2022. by **Mr. L. Maria Michael Visuwasam , AP,AI & DS.**



**The MECHANICAL Department conducted:**

- The Yoga Club organized a contest on **“Yoga and its importance”** on 10.05.2022 by **Dr. S. Senthil Kumar.**
- The Yoga Club organized a contest on **“yoga in and around us”** on 25.05.2022 by **Dr. S. Senthil Kumar.**
- The CODING club organized a contest on **“ Write Coding for simple problems on Kinematics and Machinery”** on 27.04.2022 by **Dr.R.Ashokkumar.**
- The CODING club organized a contest on **“ Write Coding for simple problems on Design of Machine Elements”** on 06.05.2022 by **Dr.R.Ashokkumar.**
- The Modeling club organized a contest on **“Modeling of 3d Components using Creo”** on 12.4.2022 by **Mr.S.Arunkumar**
- The Modeling club organized a contest on **“ Modeling of Industrial equipment using creo”** on 27.4.2022 by **Mr.S.Arunkumar**
- The poster making club organized a contest on **“Poster making (Gender Equality, Reduced Inequalities)”** on 28.4.2022 by **Mr.S.Sankaramoorthy.**
- The poster making club organized a contest on **“Poster making (Responsible consumption and production)”** on 13.05.2022 by **Mr.S.Sankaramoorthy.**
- The Eco dirt club organized a contest on **“Greenhouse from plastic milk containers.”** on 07.05.2022 by **Dr.K.Vinoth kumar.**
- The Eco dirt club organized a contest on **“Greenhouse made of plastic bottles.”** on 24.05.2022 by **Dr.K.Vinoth kumar.**
- The photography club organized a contest on **“Reflective Photography”** on 27.04.2022 by **Mr.A.Balajikrishnabharathi**

- **The photography club** organized a contest on **“Sports Photography”** on 11.05.2022 by **Mr.A.Balajikrishnabharathi**
- **The creative Art club** organized a contest on **“Cleaner power production in Future”** on 25.04.2022 by **Mr.N.Aravindhana**.
- **The creative Art club** organized a contest on **“Steps to eliminate water scarcity”** on 11.05.2022 by **Mr.N.Aravindhana**.
- **The LITERARY club** organized a contest on **“Precision agriculture to combat water scarcity -challenges in Indian context”** on 11.05.2022 by **Mr.N.Sadasivana**.
- **The LITERARY club** organized a contest on **“Employability enhancement skill training for combating poverty - current status in India”** on 11.05.2022 by **Mr.N.Sadasivana**.
- **The Quiz club** organized a contest on **“Quiz on aquatic and terrestrial ecosystem”** on 16.04.2022 by **Dr.K.Karthick**.
- **The Quiz club** organized a contest on **“Quiz on good health and well being”** on 04.05.2022 by **Dr.K.Karthick**.

**IQAC Co-coordinator**  
**Ms.S.Sesha Vidhya**  
**ASP/ECE**