



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, NAAC "A")

NEWSLETTER

VOLUME 12

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A Glimpse of

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Editor in Chief
Dr. M. Akila
Principal / KPRIET

Compiled by
MNC

Institute Engagements

Contest

A Contest was organized by KPRIET KURINJI TAMIL SANGAM in association with King Television on 02.01.2022. Devotional Songs, Patriotic Songs, Folk Songs were sung by internal and external participants. About 250 participants participated and prizes were distributed by Principal, Dr.M.AKila.



Debate

A Special Debate Session was organized by KPRIET KURINJI TAMIL SANGAM on 22.01.2022. The topic for discussion was "Does Institutional development depends on Placements or Research & Industry Oriented Activities".



Orientation Program

An Orientation on Career Opportunities in Engineering was organized on 02.02.2022. The Resource Person were Mr. Jayaprakash Gandhi, Career Consultant and Analyst, Mrs. M. F. Febin, Head - College Connect Business, L & T EduTech and Mr. R. Aswin, Career Guidance Expert and Analyst. About 945 students benefitted from the programme.



Prepare your Global Career, Bachelor's in Big Data and Management

A Webinar on "Prepare your Global Career, Bachelor's in Big Data and Management" on 20.02.2022. The guest for the event were Mrs. Luisa Rocha-Da-Silva, Professor and Co-director BBA Big Data & Management, Ecole Centrale de Nantes, Mrs. Emily Ducoin-Chai, International Admissions Manager, Ecole Centrale de Nantes, Mr. Vasanthaseelan, Head - OIR, KPRIET and Mr. Srinivas Sambandam, Managing Director - Galaxy Educational Consultants, Country Manager - Audencia Business School.



Odissi Dance Program

Odissi Dance Program was organized on 28.02.2022. This dance, one of the oldest forms of classical dance was excellently performed by Ms. Shatabdi Mallik, Ms. Debasmita Kar, Ms. Tanmoy Samaddar and Ms. Indirani Misra. A spiritual message was conveyed using symbolic costumes, body movement and abinaya.



Career Guidance Program

Academic Achievers Award & Career Guidance Program was organized on 05.03.2022 for school students. About 500 students benefitted from the program. The Resource Person of the day were Dr. M. Akila, Principal, KPRIET and Mr. R. Ashwin, Career Guidance Expert and Analyst.



International Women's Day

KPRIET Celebrated International Women's Day on 08.03.2022. The Resource Persons of the day were, Ms. R. Sankari, Associate Software Engineer, Hexaware Technologies, Chennai, Alumna of 2020, Ms. T. Gohila Priya, Senior Associate Content Development, Byju's Classes, Bengaluru, Alumna of 2017, Ms. K. Nilaani, Associate Software Engineer, Hexaware Technologies, Bengaluru, Alumna of 2020 (ECE)



AURA – Celebration

An event named AURA was celebrated on 26.03.2022 at KPRIET. The entertainer for the day were Mr. Kuraishi, Mrs. Divya Vedharajan, Youtuber / Pimpom Lifestyle and Mr. Vedharajan, Youtuber / MOP. The event was conducted in a grand manner.



Launching – Japanese Course

KPRIET Centre for Foreign Language, launched the Japanese Course on 26.03.2022. The session highlighted the significance of knowing Japanese and the employment opportunities for the students with Japanese certification. The instructors, Mr. Navaneeth and Mr. Praneeth from SST Global Consultants delineated the modules, examination centres and proactively cleared the queries of the students.



Department Enterprise

Chemical - Inauguration of IChE Students Chapter

The Department of Chemical Engineering inaugurated the Student Chapter of Indian Institute of Chemical Engineers (IChE) at KPR Institute of Engineering and Technology, Coimbatore on 06.01.2022. The resource persons for the event were Mr. S. Ramachandran, CEO, Kavin Engineering Services Pvt Ltd, Coimbatore and Dr. T. Kannadasan, Chairman, IChE, Coimbatore Regional Centre. The event presented an overview about the benefits of IChE Students Chapter and reinstated the various initiatives where students' contribution plays a major role.



Civil – Webinar on Scope of Consultancy Services in Structural Engineering

The Department of Chemical Engineering inaugurated the Student Chapter of Indian Institute of Chemical Engineers (IChE) at KPR Institute of Engineering and Technology, Coimbatore on 06.01.2022. The resource persons for the event were Mr. S. Ramachandran, CEO, Kavin Engineering Services Pvt Ltd, Coimbatore and Dr. T. Kannadasan, Chairman, IChE, Coimbatore Regional Centre. The event presented an overview about the benefits of IChE Students Chapter and reinstated the various initiatives where students' contribution plays a major role.



S & H – Extension Activity in KG International School

The Faculty members of the Department of Chemistry delivered a lecture to 12th standard students of KG International School, Annur as a part of ISR activity on 06.01.2022 & 07.01.2022. Dr. M. Vinolia Thamilarasi & Dr. Saravanan delivered lecture on preparation, properties and applications of Aldehydes and Ketones on 06.01.2022. Ms. R. Jagadeeswari and Ms. D. Sudha delivered a lecture on the preparation, chemical properties and uses of carboxylic acids and amines on 07.01.2022. The faculty members adapted innovative teaching methodology to ensure that the students understand the basic concepts, name of the compounds and reactions involved in it. The students were interactive throughout the sessions.



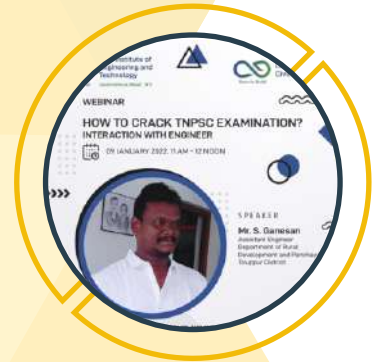
EEE – Quiz Series on Electric Vehicles – XXIX

The Department of Electrical and Electronics Engineering organized a "Quiz Series on Electric Vehicles – XXIX" on 08.01.2022. The event kindled the interest of students in EV Technologies. The participants were able to learn the recent advancements in EV technologies. 1008 participants from various institutions participated and 975 participants qualified the quiz and received certificate.



Civil – Webinar on How to Crack TNPSC Examination – Interaction with Engineer

The Department of Civil Engineering in association with Career Advancement Cell organized a webinar on 'How to Crack TNPSC Examination – Interaction with Engineer' on 09.01.2022, to make the students aware of the opportunities available in government sector. Er. S. Ganesan, Assistant Engineer, Department of Rural Development and Panchayat Raj, addressed the participants on the various opportunities available in government sector. He shared his experience in the preparation for combined engineering service examination and shared the stories of successful aspirants of TNPSC Examination. Er. Ganesan explained the exam pattern, reference books and gave few interview tips to clear the TNPSC Examination.



EEE – Webinar on Digital Profile Building

The Department of Electrical and Electronics Engineering organized a webinar on "Digital Profile Building" on 10.01.2022 for students' community. Prof. C. Dinesh, Assistant Professor (Sr.G.), Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology has delivered a presentation on Digital Profile Building for III year Students. He had provided the few deliberations on LinkedIn & Git Hub. The seminar provided some interesting facts on IoT and its applications. 87 participants attended the seminar and ignited themselves.



Civil – Faculty Lecture on How to write Research Paper

The Department of Civil Engineering organized a Faculty Lecture on 'How to write Research Paper' on 11.01.2022, to enhance the knowledge of faculty members on writing research articles and enabling them to publish in peer reviewed journals. Lt. Dr. Priya explained the concept and framing the outline of research article writing. She also briefed the different types of manuscript. 22 faculty members attended the programme



Civil – Faculty Lecture on Design Publish Brand: Through Canva

The Department of Civil Engineering organized a Faculty Lecture on 'Design Publish Brand: Through Canva' on 12.01.2022. The event was organized to create awareness among the Faculty members on Designing of poster, flyer, brochure, PPT, video making, Concept map-making, creating instant poster etc. Mrs. B. S. Meenakshi, Assistant Professor, Department of Civil Engineering focused on publishing and branding the poster through Canva software with various types and applications. The resource person also clarified the doubts raised by the faculty members on the design processing. Totally 29 faculty members attended the programme.



EEE - Value Added Course on Skill Enhancement on Pumps

The EKKI-KPRIET International Water Technology Centre (EIWTC) conducted a value added course on "Skill Enhancement on Pumps" for second year chemical students on 12.01.2022. The sessions were handled by Prof. V. Bhuvaneshwari, AP (Sr.G) / Mech, Dr.S.Kanmani, AsP/Civil and Prof.C.J.Vignesh, AP (Sr.G)/EEE. The session focused on the opportunities in pump sector, drive technologies in pumps, pump selection & application, cavitation, pump installation and trouble shooting and pump performance testing. The EKKI-KPRIET International Water Technology Centre facilitates the students to serve as interns in the college premises rather than reaching out to the industry.



EEE - Alumni Series

The Department of EEE organized an Alumni series for 2023 and 2024 batch on 22.01.2022. Er. Sanjay Singaravelu. R, IoT Engineer, Kalycito Infotech Pvt. Ltd., Coimbatore an alumnus of 2020 has been invited as a resource person to deliver the information about the expectation from the fresher's in the interview table. He has shared his personal experience about how to get ready and face the interview. The session was a revelation for all the participants.



ECE – Webinar on Problem Identification and Solution using IoT

The Department of Electronics and Communication Engineering in association with IIPC organized a webinar on "Problem Identification and Solution using IoT" on 22.01.2022. The program was conducted for first year ECE students. The resource person was Mr.S.Karthikeyan, Assistant Technical Manager, Enthru Technology Solutions Pvt. Ltd. The event highlighted on the recent advancements in Problem Identification and solution. It also enriched the knowledge of the students in the field of IoT.



S& H – Quiz series on Physics

The Department of Physics in association with ISTE Students chapter has organized "Quiz Series on Physics" on 25.01.2022. 204 participants from various institutions participated in the quiz programme. The quiz enables better understanding on the concepts of Physics and it makes participants to self-assess their knowledge on Physics.



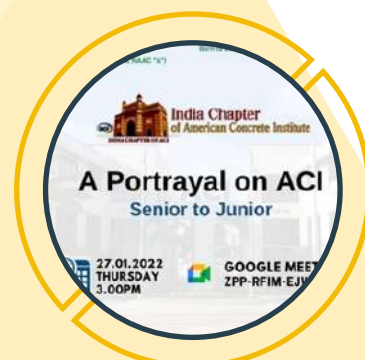
CSE – Inter College Competition GD Talks

The Department of Computer Science and Engineering in association with CSI Students' chapter, organized GD TALKS – an Inter College Competition on 26.1.2022. The participants discussed on the topic, 'Team work or Individual work which works better'. This enabled the students to enrich their knowledge. 30 students attended the competition.



Civil - Webinar on A Portrayal on ACI Senior to Junior & Club Inaugural

The Con Innawah Club of Department of Civil Engineering in association with the American Concrete Institute ACI and India Chapter of American Concrete Institute organized a webinar on 'A Portrayal on ACI Senior to Junior & Club Inaugural' on 27.01.2022. The event focused on making the students aware of ACI and its Use, opportunities available at ACI and Con Innawah Club. R.Saranya, Student Coordinator of ACI in CON –INNOWAH CLUB was the resource person and she focused on the skills to be developed by the students to grab the knowledge about ACI. Totally 5 faculty members and 54 students attended the programme.



ECE - Webinar on Effective Paper Writing for Renowned Journals

The Department of Electronics and Communication Engineering in association with CFRD organized a webinar on "Effective Paper Writing for Renowned Journals" on 27.01.2022.

The Chief Guest was Dr. S.Pratheep Kumar, Member, CFRD, KPRIET. The event gave an insight on paper writing and avoiding plagiarism. 74 participants attended this webinar.



S & H - Webinar on Halide Perovskite Materials for Next-generation Optoelectronics Applications

The Department of Chemistry organized a webinar titled "Halide Perovskite Materials for Next-generation Optoelectronics Applications" on 27.01.2022. The resource person of the event was Dr. Easwaramoorthi Ramasamy, MRSC, Scientist E, Centre for Solar Energy Materials, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad. The webinar focused on the synthesis of halide perovskite materials for solar cells and Optoelectronics Applications.



ECE – Webinar on Demystifying PCB Layouts

The Department of ECE in association with IIPC organized a webinar on "Demystifying PCB Layouts" on 29.01.2022. The resource person Mr. Sundaramoorthy, CEO, Sunshiv Electronic Solutions, Coimbatore started the session by explaining about basic components like resistor, capacitor and inductor. The resource person explained how to find the value of a resistor using color-coding. He clearly gave the tips to become a successful PCB engineer and shared career path development after graduation. He even showed some of the model PCBs to students and pointed out the expectations of interviewers. He also motivated the students to become entrepreneurs in the field of PCB.



EEE – Quiz Series on Electric Vehicles – XXX

The Department of Electrical and Electronics Engineering organized a "Quiz Series on Electric Vehicles – XXX" on 29.01.2022. The event kindled the interest of students in EV Technologies. The participants were able to learn the recent advancements in EV technologies. 405 participants from various institutions participated and 360 participants qualified the quiz and received certificate.



S & H - Hands on training on MATLAB

The Department of Mathematics organised a training programme in the Zoom Platform exclusively for the students on the topic "Hands on training in MATLAB" on 29.01.2022. Dr. V. Parthiban, Assistant Professor, Mathematics Division, School of Advanced Science, VIT – Chennai was the resource person for the session. There were 190 participants including students and research scholars of KPRIET. The resource person gave new insights on MATLAB which took the participants to a new dimension in the learning sector.



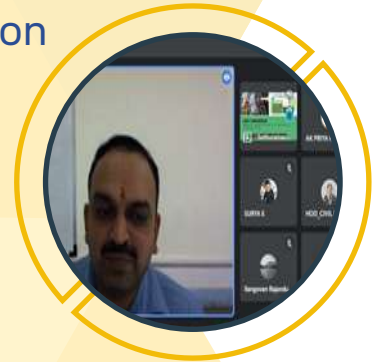
Civil - Webinar on Fundamentals of Digital Marketing

The Department of Civil Engineering in association with App, Website and Social Media Management of KPRIET organized a webinar, 'Fundamentals of Digital Marketing' on 31.01.2022. The event was organized to make the faculty be aware on the basic concepts of digital marketing. Mr. P. Manikandan, elaborated the concepts of search engine optimisation, handling of social media pages, YouTube and ways to improve the social media presence of the department and review platforms available which engineering aspirants might refer.



Civil - Webinar on Green construction strategies in Building Construction

The Department of Civil Engineering in association with The Institution of Engineers (India), Coimbatore Local Centre organised a technical webinar on 03.02.2022. The guest speaker of the webinar was ,Dr J S Sudarsan, Professor, School of Construction Management, National Institute of Construction Management and Research, Pune and he gave a lecture on "Green Construction Strategies in Building Construction".



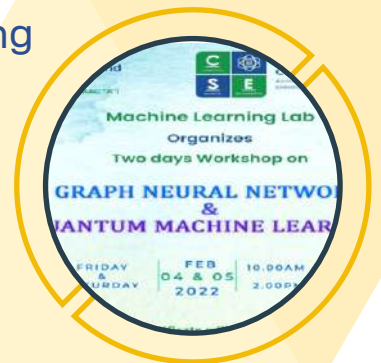
Mech - Faculty Orientation Program on Demonstration of 3D scanner

The Department of Mechanical Engineering organized a Faculty orientation program on "Demonstration of 3D scanner" on 03.02.2022 at 3D Printing Laboratory. Mr. Anish Arumugaraj, Altem Technologies Pvt. Ltd Bangalore was the guest speaker. He deliberated on the new advancements in 3D printing. He also demonstrated the functioning and working process of 3D Scanner. 25 Faculty members participated in the Faculty Development Program.



CSE - Workshop on Graph Neural network and Quantum Machine learning

The Computer Science and Engineering Department in association with Machine learning Special Lab organized a two- day workshop on "Graph Neural network and Quantum Machine learning", on 04.02.2022 & 05.02.2022. The workshop was related to graph neural network architecture and its real-time applications. Quantum machine learning is a research area that explores the interplay of ideas from quantum computing and machine learning.



ECE - Webinar on Software Defined Networking

The Department of ECE organized a webinar on "Software Defined Networking" on 04.02.2022. The webinar was delivered by Dr.V.Sakthivel, Assistant Professor (Sr.G), School of Computer Science and Engineering, Vellore Institute of Technology, Chennai. He addressed the basics of software, defined Networking, evolution of SDN and Layered architecture. Also he discussed open flow protocol for implementation of software defined networks.



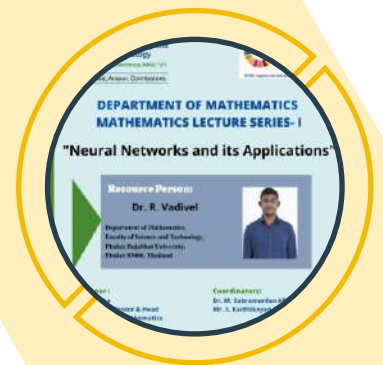
Mech - Webinar on Insights of Design Thinking

The Department of Mechanical Engineering and Centre for Machining and Material Testing (CMMT) jointly organized a webinar on "Insights of Design Thinking" on 04.02.2022. Dr. S. Suresh Kumar, Associate Professor, Department of Mechanical Engineering, SSN College of Engineering, Chennai was the guest speaker. He highlighted what is design thinking and its vitality. He also insisted on the benefits of design thinking in problem solving and innovation.



S & H - Webinar on Neural Networks and its Applications

The Department of Mathematics organized a One-Day Webinar on "Neural Networks and its Applications" on 04.02.2022. Dr. R. Vadivel, Department of Mathematics, Faculty of Science and Technology, Phuket Rajabhat University, Thailand was the resource person. The resource person gave a wonderful lecture on the proposed topic that displayed his vibrant knowledge to the participants. He deliberated on Neural Networks and its applications in the field of Engineering.



Civil - National Level Concrete Quiz CON

The Department of Civil Engineering organized a National Level Concrete Quiz through online mode on 05.02.2022 to 07.02.2022. CON-Innowah club is the technical club in the department of Civil Engineering. Various Participants participated and secured their scores through this quiz.



S & H - Student Development Program on Reinforcing Language Competency

The Department of English organized a Student Development Program on "Reinforcing Language Competency Series 1 – Explore Better Version of Yourself" on 05.02.2022, in association with ELT@I, Coimbatore Chapter and ISTE. Dr. R. Suguna, Assistant Professor, Indian Academy Degree College, Bangalore acted as the resource person. She explicated how to overcome the difficulties while speaking English and five factors of personalities, which helped the students, relate the given traits with their own personality and to explore their better version. She also created a platform for them to acquire the language through her picture stories.



S & H - Orientation Program on Japanese Language Certification

An Orientation on Japanese Language Certification for the students enrolled for Japanese course was organised by the Department of English on 05.02.2022. The sessions highlighted the significance of knowing Japanese and the employments opportunities for the students with Japanese certification. The instructor, Mr.Praneeth Balasubramanian, Manager-Academic Collaboration, Japanese Pluz - SST Global demarcated the modules, examination centres and proactively cleared the queries of the students. The students were further informed about the increase in professional value with Japanese certification in placements and higher studies.



S & H - Faculty Development Program on Materials Engineering in Device Manufacturing

The Department of Physics organised an FDP on "Materials Engineering in Device Manufacturing" on 5.02.2022 with 85 participants including the faculty members from other colleges. The resource persons were Dr.Ch.Srinivas, Professor of Physics, Nanomaterials and Nanomagnetism Research Laboratory, Sasi Institute of Technology and Engineering, Tadepalligudem and Dr. Pandiyarasan Veluswamy, Assistant Professor, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram. The resource persons gave new insights about Material Engineering in Device Manufacturing which opened up a new pathway in the field.



CSE - Webinar on IoT and Cyber Security

The Computer Science and Engineering Department in association with Cyber Awareness Diwas by Ministry of Home Affairs organized a webinar on 'IoT and Cyber Security', on 05.02.2022. Mr. Vyshak Suresh, Cyber Security Research Engineer for Automotive domain FEV India Pvt. Ltd., Bangalore was the resource person for the webinar. He discussed on Security issues and challenges in IoT, Guidelines to use and change the passwords, Issues in connecting with a public Wi-Fi and Securing the home Wi-Fi.



ECE - Webinar on Advanced Robotics in Manufacturing Industry

The Department of ECE organized a webinar on "Advanced Robotics in Manufacturing Industry" on 05.02.2022. The Chief Guest of the day was Mr. K. Ilanchezhian, Assistant Manager – Technical, Prolific Systems and Technologies, Pvt, Ltd., Coimbatore. The session started with a presentation on robotics application in manufacturing industries. He also deliberated on the recent advancements in the field of Robotics and Manufacturing. Overall, 71 participants attended the webinar.



ECE - Guest Lecture Industrial IoT-Edge & Fog Computing

The Department of ECE in coordination with the Department Association, "SPARTRANZ" organized a Guest Lecture on "Industrial IoT-Edge & Fog Computing" on 05.02.2022. The resource person was Mr. Hemanand Ramasamy, Founder and CEO, Mach Datum Pvt.Ltd, Tamilnadu. He elaborated on the basics of IoT and explained the difference between IoT and Industrial IoT. He also explained the need of edge and fog computing. Around 135 students attended this guest lecture and the session was very interactive.



EEE - Orientation Program Design of Home Automation System

The Department of Electrical and Electronics Engineering organized a Staff Orientation Program on "Design of Home Automation System" on 05.02.2022. Dr.C.Pazhanimuthu, AP (SLG), Department of EEE, KPRIET delivered a presentation on role and importance of recent technologies in designing home automation. He presented on the need and importance of home automation, Recent technologies in home automation, How to do programming, Implementation of home appliances to IoT and Demonstration of home automation projects. The orientation program provided some of the interesting facts in home automation and IoT implementation.



Mech - Workshop Scan it Print it

The Department of Mechanical Engineering and the Centre of Excellence jointly organized a One-day workshop on 'Scan it Print it' for the Industry people on 05.02.2022. The Faculty members provided hands - on experience on Fused Deposition Modeling, Reverse Engineering demo, using 3D Scanners and Laser Engraving cum Cutting Machine. The session was very informative and interesting.



Mech - Seminar "Startup Avenues in Industrial Automation"

The Department of Mechanical Engineering and CIIED jointly organized a seminar on "Startup Avenues in Industrial Automation" on 05.02.2022. Mr. S Kavin Pradeep, Marketing Director, 4K Technologies and also Alumini of Mech 2017-2021 batch was the guest speaker. He gave insights on the various avenues opened up for Startups. He also deliberated on the nuances of Industrial Automation and the latest cutting-edge technology in Automation.



Civil - Lecture Series I Better Practices in Geotechnical Engineering

The Department of Civil Engineering organised a Lecture Series – I on 08.02.2022. The Resource Person of the day was Dr. Elias B Sayah, President & CEO, Sayah Engineering, Middle East. Dr. G L Sivakumar Babu, Governor Region 10, ASCE 2014-2020, Professor of Geotechnical Engineering in the Department of Civil Engineering, Indian Institute of Science (IISc) – Bangalore addressed the gathering on work flow in geotechnical projects and the challenges in practice, thrust areas, design challenges measures of safety and performance, innovative approaches and opportunities in Geotechnical Engineering



BME - Webinar on Cancer Awareness Programme

The Department of Biomedical Engineering organized a webinar on Cancer Awareness on 10.02.2022. Experts from GEM Hospital, Dr. Senthilkumar Ganapathi, Consultant, GI surgeon elucidated about the various types of cancer. Dr. Sai Darshini, Junior Consultant, Department of Endogynecology explained about the Cervical cancer. 131 faculty members and 150 Students got benefitted. The program was coordinated by Prof. Dr. P. Sreelatha, Department of Biomedical Engineering.



CIIED & ECE - Webinar on Marketing Skills and Promotion of Small and Medium Scale Enterprise

Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) cell in association with department of ECE organised a webinar on "Marketing Skills and Promotion of Small and Medium Scale Enterprise" on 11.02.2022. Mr. Mouneshwar Kalaikumar, Director - Fuzionest Private Limited, Founder - TEQTA, Ava Kids, CocoPuree Air, Coimbatore was the Chief Guest of the event. The webinar mainly focused on marketing practice of Small and Medium Scale Enterprises (SME) in India. The specific key learning objectives are to highlight the strategic importance of SMEs in economic development of any economy and to sketch the patterns of Government support programmes for development of SMEs and Past Empirical Studies of SMEs performance in India. The session highlighted the importance SMEs for survival, continued growth of Indian Economy, and presented the impact of environmental factors on marketing practice of SMEs. The resource person established the extent to which marketing practice of SMEs in India conforms to marketing principles and functions.



Civil - Seminar on Levels of Learning (RBT)

The Department of Civil Engineering organized a Faculty Seminar on 12.02.2022, to create awareness among the faculty members on the Revised Blooms Taxonomy. The Resource Person was, Mr. S.Yuvaraj, AP (Sr.G), Department of Civil Engineering. About 50 faculty members attended the program



Civil - Orientation for I Year Students

Department of Civil Engineering organised a Orientation Program for I Year students to create awareness on the facilities and opportunities available, on 12.02.2022. Mr. S. Yuvaraj, AP/Civil, addressed the students on the various internship opportunities available in L&T, AICTE and other government & private sectors. Mrs R.Kavitha, AP (Sr.G)/Civil explained the scope of Building information modelling in the future. Mr P Kalaivanan, AP (Sr.G)/Civil, focused on the skills to be developed by the students to get placed in the top MNC companies and Mr S Arivazhagan AP (Sr.G.)/Mech, explained the usage of models in solving complex engineering problems.



CSE - Webinar on What would I do differently if I get a chance to time travel to my college days?

The Computer Science and Engineering Department in association with Office of Alumni Relations and ISTE College Chapter organized a webinar on 'What would I do differently if I get a chance to time travel to my college days?', on 12.02.2022. Mr. Raja Syed Abuthahir, Application Developer, Thoughtworks, Coimbatore was the resource person for the webinar. He addressed students starting with his introduction and his experience with the industry. He shared his expectations as a student and experience as an employee. The resource person well explained the ways of preparation for industry and expected core subjects (like Data Structures, Computer Networks etc.) by the industry. He explained about the needs for IT industries and opportunities in Node JS and React JS etc.



ECE - Alumni Lecture series A motivational talk on Values for Life

The Department of ECE in association with Office of Alumni Relations (OAR) organized Alumni Lecture series - 5 on "A motivational talk on Values for Life" on 12.02.2022. The resource person Ms.R.Monika(2014-2018 batch), Senior Academic Specialist, Training, BYJUS discussed about Values for life. The resource person explained the corporate culture and the ways to overcome struggles. She gave tips to improve positivity among and spread happiness. She also elucidated about college life and importance of life.



CSE - Webinar on Journey from Student to Employee to Employer

The Computer Science and Engineering Department in association with CIED organized a webinar on "Journey from Student to Employee to Employer" on 12.02.2022. Mr.Moses Sam Paul, Co-founder, GoD LLP, Bangalore was the resource person. Mr.Moses Sam Paul initiated the session from his journey from student life to employee as TCS & Microsoft as a Software Engineer and System Engineer respectively. He shared his experience at National University of Singapore while studying Masters in Public Policy. Mr.Sam with his team has built five communities around different skill sets such as Growth Marketing, Soft Skills through Performance Arts, Quantum Computing, Quantum Hardware & Productivity and wellbeing. He addressed the top five success factors such as Timing, Team Execution, Idea Truth, Business Model and Funding of any start-up.



EEE - Quiz Series on Electric Vehicles – XXXI

The Department of Electrical and Electronics Engineering organized a "Quiz Series on Electric Vehicles – XXXI" on 12.02.2022. The event kindled the interest of students in EV Technologies. The participants were able to learn the recent advancements in EV technologies. 285 participants from various institutions participated and 975 participants qualified the quiz and received certificate.



EEE - Awareness Programme on Smart Energy Efficient Home Automation System

The Department of Electrical and Electronics Engineering in association with ENSAV club organized an Energy conservation awareness Programme on "Smart Energy Efficient Home Automation System" on 12.02.2022. Dr.C.Pazhanimuthu, AP (Sl.G), Department of EEE, KPRIET presented on need of home automation, importance of home automation and recent technologies in design of home automation. The resource person has demonstrated the usage of smart controllers and its application in controlling various home appliances. Students actively participated in the workshop and gained the knowledge on energy conservation by home automation.



Mech - Webinar on Fundamentals of Engine Performance and Emission Tuning

The Department of Mechanical Engineering in association with SAE INDIA organized a Webinar on "Fundamentals of Engine Performance and Emission Tuning" on 12.02.2022. Mr. V. Ashwinraj, Deputy Manager, Ashok Leyland, Chennai was the guest speaker. He deliberated on the fundamentals of Engine performance and various methods to enhance performance. He also insisted on emission tuning and its vitality. The session was very informative and highly beneficial.



S & H - Student Development Program on Reinforcing Language Competency, Series 2

The Department of English organized a Student Development Program on "Reinforcing Language Competency," Series 2 – Overcoming the common Hindrances in Language learning on 12.02.2022 in association with ELT@I, Coimbatore Chapter and ISTE. Ms. Sarah Helan Sathya, Assistant Professor, SRM Institute of Science and Technology acted as the resource person. Around 92 students participated in the SDP. She motivated the learners and curb off their apprehension towards language learning. The session began by addressing the basic needs in a language and concluded by disseminating the way and methods of how language learning can be done.



S & H - Lecture Series on Introduction to Low-Dimensional Magnetic Materials

A Lecture series on "Introduction to Low-Dimensional Magnetic Materials" was organised by the department of Physics on 15.02.2022. The resource person of the session was Dr. G. Senthil Murugan, Postdoctoral Researcher, Institute of Physics, Academia Sinca, Taiwan. There were 85 participants from various institutions participated in the programme. Through the lecture, the participants learnt the introduction of low-dimensional magnetic materials in the field and its applications in the research.



Mech - Industry Expert Interaction with students on Project Management

The Department of Mechanical Engineering organized an Industry Expert Interaction with students on "Project Management" on 18.02.2022. Mr.V.Ganesh Srinivas, Retd. Senior Deputy General Manager, Development and Engineering, Bharat Electronics Lmt, Bangalore was the guest speaker. He explained the process of project management and shared his experiences. He also presented a detailed account of various techniques applied in Project management. The session was very interesting and fruitful.



Mech - MTMx Series Awareness Program about Onsite Education

The Department of Mechanical Engineering organized an MTMx Series - "Awareness Program about Onsite Education" on 18.02.2022. Mr. Yogesh Kumar R, M.Sc, Alumini 2014-2018 batch, pursuing Ph.D at Univerzita Pavla Jozefa was the guest speaker. The resource person briefed what is Onsite education and the ways to apply and seek Onsite education. He also insisted on the importance of Onsite education and its benefits pertaining to career growth. The session was informative and highly useful for their future.



Mech - Technical talk on Heat Load Calculation

The Department of Mechanical Engineering in association with ISHRAE Coimbatore Chapter & ISHRAE Students chapter KPRIET, organized a technical talk on "Heat Load Calculation" on 18.02.2022. Mr.D. Balaji, Partner, SRB & Associates-HVAC Consultants, Chennai was the guest speaker. The technical talk was very informative focusing on Heat Load Calculation and the various techniques and methods used in calculation.



BME - Quiz Program

The Department of Biomedical Engineering conducted a Quiz Program on 19.02.22. Title of the event was Project Hospital. The Biomedical Professional Society- BMESI also joined hands to make the event successful.



CSE - Contest Are you a good poster designer?

The Computer Science and Engineering Department in association with CSI Students' chapter organized an online poster designer competition, titled 'Are you a good poster designer?' on 19.02.2022. The main objective of competition is to understand and create awareness in designing posters to enhance their creativity. They selected topics like buyback of equity share, accounting cycles, Ratio and interpretation, Share and mutual funds, Decision making process etc. The students actively participated with immense zeal and enthusiasm and made very beautiful posters. 26 students participated in the competition and presented their ideas through posters. The Virtual platform-based competition gave better experience to the participants.



CSE - Webinar on Achieving Problem- Solution Fit & Product – Market Fit

The Computer Science and Engineering Department in association with CIIED organized a webinar on "Achieving Problem- Solution Fit & Product – Market Fit" on 19.02.2022. The guests were, Ms. Preethi, Freelancer, Marketing, Ex- The Economic Times, IIM Bangalore. She shared the academic learning at IIM Bangalore, which provided an opportunity to work at The Economics Times. Ms.PPreethi addressed the life cycle of any product with respect to time and sales. She explained the process of achieving problem solution-fit and product market-fit with the case study on online ordering and delivery model of food, and goods. She addressed the growth of paytm during the demonetization.



Mech - Webinar on MATLAB for Mechanical Engineers

The Department of Mechanical Engineering in Association with Centre for Machining and Material Testing (CMMT) jointly organized a webinar on "MAT lab for Mechanical Engineers" on 19.02.2022. Mr. A. Vishnu Pragash, Matlab Developer, Inspire Network Technology Solution Pvt Lmt, Chennai was the guest speaker. The resource person highlighted the various modules that could be used by mechanical engineers and he gave a run- through on the ways to use MAT lab.



CIED & ECE - Workshop on Design Thinking, Critical Thinking and Innovation Design

Centre for Innovation, Incubation and Entrepreneurship Development (CIED) cell in association with Department of ECE organised a workshop on "Design Thinking, Critical Thinking and Innovation Design" on 22.02.2022. Mr.D.RamNivas, Design Innovation and Technology Expert, Assistant Professor, Department of ECE, KPRIET, Coimbatore was the Chief Guest of the event. The workshop mainly focused on solving problems by prioritizing the consumer's needs. He also provided numerous exercises to the participants to make them understand how to think critical and innovate new ideas. Design thinking minimizes the uncertainty and risk of innovation by engaging customers or users through a series of prototypes to learn, test, and refine concepts.



S & H - Webinar on Use of Linear Algebra and Numerical Analysis in Hydrodynamics

A One-Day Webinar on "Use of Linear Algebra and Numerical Analysis in Hydrodynamics" was organized by the Department of Mathematics on 22.02.2022. Dr. Sukhendu Ghosh, Assistant Professor, Mathematics IIT Jodhpur, Rajasthan was the Chief Guest. Dr. Sukhendu Ghosh gave new understandings on the linear algebra and numerical analysis in hydrodynamics that benefitted the participants. Totally there were 96 participants for the session.



ECE - Webinar on Career and Internship Opportunities in Signal, Automation and Robotics

The Department of ECE and Office of International Relations of KPRIET organized a webinar on "Career and Internship Opportunities in Signal, Automation and Robotics" on 23.02.2022. Dr. Rochdi Merzouki, University Professor at Polytech Lille, Member of the Centre for Research in Computer Science, Signal and Automation, Leader of the CI2S WG, was the chief Guest. He addressed students about the career and internship opportunities in Signal, Automation and Robotics. He instructed the students to build their global career through the Computer science, Signal and automation programme.



BME - Career Guidance Programme

The Department of Biomedical Engineering in association with Equal Opportunity Cell conducted a Career Guidance Programme on 25.02.2022. The program created awareness among the students about career opportunities in various government and private sectors including IES, UPSC, IBPS, and BHEL etc. The session was addressed by the experts from District employment and Career guidance centre, Coimbatore, Careernet Technologies and Tharam-Thiran Green Energy Flow LLP. Mr. DS. Gunasekaran, Regional Joint Director, delivered inaugural address. Ms. J. Aneesha Suraiya, Assistant Engineer highlighted the different competitive exams regularly conducting by Government. The guest speaker Dr. Umesh Vasu shared his experience on funding and start-ups.



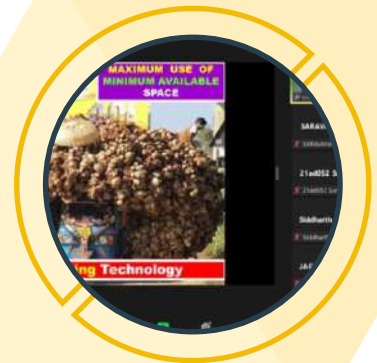
Civil - Lecture Series II on Concrete and Common Sense

The Department of Civil Engineering organised a Lecture Series II on "Concrete and Common Sense" in association with Indian Concrete Institute on 26.02.2022. The Resource person was, Dr.A.Sudhakar, CEO Dimensions, President, Indian Concrete Institute, Coimbatore Chapter. The main aim of the webinar was to create awareness on the better practices in Concrete and their applications.



S & H - Webinar on Spinel based Mixed Metal Oxides for Energy Storage Applications

The Department of Chemistry organized a webinar titled "Spinel based Mixed Metal Oxides for Energy Storage Applications" on 26.02.2022. The resource person of the event was Dr. V. N. Mani, Principal Scientist, Center for Materials for Electronics Technology, Government of India, Hyderabad. The webinar focused on the Nano devices for Aerospace related smart electronic applications, batteries, etc.



CIIED & ECE - Webinar on Session on Startup Initiatives

Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) cell in association with Department of ECE organised a webinar on "Session on Startup Initiatives" on 24.02.2022. Mr.Rithik Krishna, Founder & Chief Executive Officer, Sai Innovations, Tirupur was the Chief Guest of the event. He focused mainly on Business Model Canvas, Talent Pool and Fund Raising. The webinar intended to support the entrepreneurs, building a robust startup ecosystem and transforming young India into a country of job creators instead of job seekers. He also focused on Scalable startups, Small business startups, Lifestyle startups, Buyable startups, Big business startups and Social startups.



Mech - Webinar on Introduction to Fracture Mechanics

The Department of Mechanical Engineering and Centre for Machining and Material Testing (CMMT) jointly organized a webinar on "Introduction to Fracture Mechanics" on 25.02.2022. Dr. S. Suresh Kumar, Associate Professor, Department of Mechanical Engineering, SSN College of Engineering, Chennai was the guest speaker. The resource person briefed the techniques and methods involved in Fracture Mechanics and listed out its recent advancements. He insisted on the importance of learning fracture mechanics and its benefits.



AD - BLOGATHON 22

The SPARKS ASSOCIATION of Artificial Intelligence and Data Science Department conducted BLOGATHON 22' - A blog contest on 26.02.2022. It was a striking opportunity for students to enhance their technical and writing skills with a chance to win some exciting prizes. The students published their posts in blogs on a technical concept.



AD - GATE Lecture Series – 1 on Operations in Programming Languages

The Department of Artificial Intelligence and Data Science organized a GATE Lecture Series – 1, titled 'Operations in Programming Languages' on 26.02.2022. Dr. S. Sankar Ganesh, Associate Professor, Artificial Intelligence and Data Science, KPRIET was the resource person. He deliberated on the advancements in Programming languages and explored on various tricks that could be used to crack the GATE Examination. The students were able to understand the quality and pattern of the questions expected and the aspects in which training is required.



AD - Alumni Series Lecture on Boost your Career with Startup Internship

The Department of Artificial Intelligence and Data Science organized an Alumni Series Lecture titled 'Boost your Career with Startup Internship' on 26.02.2022. Mr. R. Arun Pandian, Data Scientist, Qpi was the resource person. He deliberated on various avenues open for taking Internships and the qualities to nourish as an intern. The students were able to understand the basic requirements for a startup and the ways to approach a company for Internship.



ECE - Hands-on Refresher Course on PCB Design using Altium

The Department of Electronics and Communication Engineering organized a hands-on refresher course on "PCB Design using Altium" on 26.02.2022. Mr. K. Kumaresan, senior software developer, Robert Bosch, Coimbatore, handled the course. The course gave an in-depth knowledge about the design of PCB using Altium software. The students were given hands-on training on Altium software. Each student is given the circuit and was made to design the PCB circuit by creating own libraries.



ECE - Techxellence 2022 – Series I"

The Department of ECE and IETE students' forum organised "Techxellence 2022 – Series I" on 26.02.2022. The events comprises a technical JAM (Just A Minute) and technical quiz (E=MC Hammer), where participants need to speak about the technical topic from their stream for about minute. In E=MC Hammer (technical quiz) participants were divided into team of 6 members and nominated one as captain. The quiz was on the recent advancements in technology and engineering.



EEE - Innovate 2022 Project Expo

The Department of Electrical and Electronics Engineering organized "Innovate 2022" – a Project Expo for Polytechnic Students on 26.02.2022. The event comprised of various competitions like Project Presentation, Paper Presentation, Home Automation workshop, Photography contest, Digital Poster Contest and Talent Hunt. Dr. M.Akila, Principal, delivered the presidential address and deliberated the importance of academics to the participants. The workshop "Home Automation" was handled by Prof.C.Pazhanimuthu, AP (SL.G) / EEE to enhance the skills of the students. The participants from various parts of the state displayed their technical talents in the paper presentation, photography and short film.



EEE - Quiz Series on Electric Vehicles – XXXII

The Department of Electrical and Electronics Engineering organized a "Quiz Series on Electric Vehicles – XXXII" on 26.02.2022. The event kindled the interest of students in EV Technologies. The participants were able to learn the recent advancements in EV technologies. 220 participants from various institutions participated and 975 participants qualified the quiz and received certificate.



Mech - Students Chapter Inauguration The Institute of Indian Foundrymen

The Department of Mechanical Engineering inaugurated "The Institute of Indian Foundrymen – Students chapter" on 26.02.2022. Mr S Balraj, Chairman, IIF - Coimbatore Chapter and Joint Managing Director, Bright Foundries Coimbatore Pvt. Ltd, - Mr S Muthukumar, Vice – Chairman, IIF - Southern Region- Dr M Arasu, Past Secretary, IIF - Coimbatore Chapter and Dr. V. S Saravanan, Jr. Vice President (Foundry), Indo Shell Cast Pvt. Ltd were the guest speakers. The resource persons highlighted the benefits of the forum and insisted on the activities to be carried out through the student chapter.



S & H - Quiz Series on Physics

Quiz series on Physics was organised by the Department of Physics on 28.02.2022. About 204 students participated from the institution. There were numerous quizzes from innovative topics in Physics that challenged the participants while answering. On the whole, the quiz was innovative, informative, challenging and opened up a new dimension in the field of Physics.



Civil - Lecture Series on Recent Advancements in Civil Engineering

The Department of Civil Engineering organized a Lecture series on "Recent Advancements in Civil Engineering" on 01.03.2022. The guest speaker was Er. R. Premkumar, Principal Consultant, INFNUSTECH, Chairman ACCE(I), Coimbatore. He explained the recent advancements in Civil Engineering and deliberated on the importance of updating the recent trends in Civil Engineering. Totally 134 participants participated in the webinar.



AD - Orientation program on Embarking Footprints in National Level Competitions

The Department of Artificial Intelligence and Data Science organized an orientation program on 'Embarking Footprints in National Level Competitions' 04.03.2022. Dr. S. Arivazhagan, Innovation Officer, Aviation and Robotics Club, KPRIET was the resource person. He deliberated the outcomes in participating National level Competitions and the preparations to be carried out to excel in the competitions. The students were exposed to various competitions that they could enroll and take part.



BME - Session on Lessons Learnt from Entrepreneurs

The Department of Biomedical Engineering organized a session on "Lessons learnt from Entrepreneurs" on 05.03.2022. The session was addressed by Mr. A.Allwyn Gnanadas, AP (Sr. G.), Biomedical Engineering. He explained the various stages and step involved in the progress of an entrepreneurship. About 80 participants attended and gained knowledge in producing a successful innovation as a step to entrepreneur.



CSE - Webinar on Online Identity Theft, Phishing, Cyber Stalking

The Department of Computer Science and Engineering in association with Cyber Awareness Diwas by Ministry of Home Affairs organized a webinar on 'Online Identity Theft, Phishing, Cyber Stalking', on 05.03.2022. Dr. T. Sivakumar, Associate Professor, Department of CSE, KPRIET was the resource person. He deliberated the importance of cyber security due to the growth of Internet and web oriented services. He discussed various aspects such as Web 2.0 & Web 3.0, Industry 4.0, Digital Assets, Identity Theft, How to secure the digital assets?, Phishing and Cyber Stalking.



ECE - Webinar on IoT and its Applications: For Beginners

The Department of Electronics and Communication Engineering organized a webinar on "IoT and its Applications: For Beginners" on 05.03.2022. The resource person for this event was Dr.P.Sasikumar, Associate Professor and Head, Department of Embedded Technology, School of Electrical Engineering, and Vellore Institute of Technology, Vellore. He explained the basics of IoT and its Applications. He also listed a few real time examples to deliberate functions of IoT.



Mech - National Level Workshop on Advances in Welding and Wire Arc Additive Manufacturing

The Department of Mechanical Engineering in association with Indian Welding Society organized a one day National level workshop on "Advances in Welding and Wire Arc Additive Manufacturing" on 05.03.2022. The workshop was very informative in relation to Wire Arc Additive Manufacturing and it gave significant insights on advancements in welding. The students gained hands-on experience on welding.



CSE - Training Programme on AWS certified Cloud Practitioner

A Training programme on “AWS certified Cloud Practitioner” was organized by the Computer Science and Engineering Department in association with AWS-Centre of Excellence on 09.03.2022. The main objective of the training Programme was to train the students to learn and build their carrier in the domain of AWS Cloud. This training facilitated the students to learn the basics of AWS Cloud including the AWS Global Infrastructure; compute, storage, database, networking, security, and monitoring at a foundational level. From this basic level of knowledge, the training shall expand into role-based or domain-based areas of expertise.



Mech - Tech Talk and Live Demo on Generative Design

The Department of Mechanical Engineering organized a Tech Talk and Live Demo on “Generative Design” to the Executive members of ELGI on 10.03.2022. Mr. S. Imaya Ganesh and Mr. P Bharathwaj students of Mechanical department 2019-2023 gave the expert talk in this program. The experts gave a clear picture of generative design through live demo. They also briefed the various techniques involved in generative design.



Mech - Orientation Program on Embarking Footprints in National Level Competitions

The Department of Mechanical Engineering organized an Orientation Program on “Embarking Footprints in National Level Competitions” on 10.03.2022. Dr. S Arivazhagan, Innovation Officer, Coordinator – Aviation & Robotics club, KPRIET handled the session. He deliberated on the importance of participating in National level competitions and enlightened the students on the ways to prepare themselves on various competitions.



Civil - Lecture Series on Corrosion Behaviour of Steel Reinforcement in Concrete

The programme, “Corrosion Behaviour of Steel Reinforcement in Concrete” was organized by the Department of Civil Engineering on 11.03.2022. Dr. J. Daniel Ronald Joseph, Senior scientist, CSIR – Central Electrochemical Research Institute (CECRI), Karaikudi explained about the corrosion behaviour of steel reinforcement in concrete. 65 Participants participated in the session.



ECE - National Engineering Talent Submit & Exposition 2022

The Department of Electronics and Communication Engineering and Students Association "SPARTRANZ" organized a "National Engineering Talent Submit & Exposition 2022" NETSE'22 on 12.03.2022. Mr. S. Mohanasundaram, Director- Technical Sales, Caliber Interconnect Solutions Pvt Ltd, Coimbatore, was the Chief Guest for the inaugural ceremony. He delivered a lecture on current industrial requirements and the opportunities in core industries for ECE graduates. 300 students from various institutions participated in the different technical events conducted by the students association.



EEE - Workshop on Smart Home Automation System using IoT

The Department of Electrical and Electronics Engineering organized a workshop on "Smart Home Automation System using IoT" on 12.03.2022. The resource person, Dr.C.Pazhanimuthu, Assistant Professor (Sl.G), Department of EEE delivered a presentation on role, importance and protocols for the development of home automation using internet of things. He also discussed on the need and importance of home automation using IoT, recent technologies in IoT based home automation, IoT Protocols and Demonstration of home automation projects.



EEE – Quiz Series on Electric Vehicles – XXXIII

The Department of Electrical and Electronics Engineering organized a "Quiz Series on Electric Vehicles – XXXIII" on 12.03.2022. The event kindled the interest of students in EV Technologies. The participants were able to learn the recent advancements in EV technologies. 106 participants from various institutions participated and 975 participants qualified the quiz and received certificate.



Mech - FDP on Meet the Masters Experience Lecture series – Week 2

The Department of Mechanical Engineering organized a FDP on "Meet the Masters Experience Lecture series – Week 2" on 12.03.2022. Three lecture series were conducted with Dr.K.Ravikumar, Professor, Dr.B.Arulmurugan, Associate Professor and Mr. Pradeep A D, Assistant Professor (Sr.G), as the guest speakers. Dr.K.Ravikumar lectured on Bonding and Cladding of Composite Metal Plates. Dr.B.Arulmurugan deliberated on Welding of High Temperature Application Materials and Mr. Pradeep A D presented the Introduction, functionality and applications of Functionally Graded Materials.



ECE - Alumni Lecture Series - 6 on Opportunities in Software Engineering

The Department of Electronics and Communication Engineering in association with Office of Alumni Relations (OAR) organized an Alumni Lecture series - 6 on the topic "Opportunities in software Engineering" on 14.03.2022. The resource person Mr. Gowtham Muthukumarasamy (2010–2014) Software Engineer, IBM, Bengaluru discussed the recent technologies in software industries. The objective of this webinar is to expose the participants to the recent technologies. Some leading technologies and applications that could be used by students were discussed.



ECE - Session on One Credit Course IC Design Flow

The Department of Electronics and Communication Engineering organized a session on one credit course, "IC Design Flow" in association with Entuple Technologies, Bengaluru from 14.03.2022 to 17.03.2022. The training started with introduction to IC Design Flow and basics of ADEL and pole zero analysis in ADEL. Basics of ADEXL and SNM & SRAM plots were discussed. Mr. J. U. Nambi handled a session on system verilog and Monte Carlo analysis and also discussed the various opportunities available in VLSI domain.



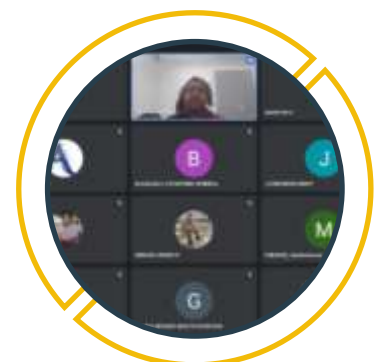
AD - Alumni Series Lecture Python Libraries for Machine Learning

The Department of Artificial Intelligence and Data Science organized an Alumni Series Lecture titled 'Python Libraries for Machine Learning' on 15.03.2022. Mr. Namit Chawla, Department of Apex Institute of Technology and Management, Chandigarh University was the resource person. He deliberated on the aspects of Python Libraries and Machine Learning. The students were able to understand the advancements of Machine Learning and Python.



BME - Webinar on Nanomaterials for Tissue Regeneration

The Department of Biomedical Engineering in association with ISTE student Chapter conducted a Webinar on the topic "Nanomaterials for Tissue Regeneration" on 15.03.2022. This webinar was attended by student and faculty members. The guest speaker explained how the Nanomaterials are different from other materials. He also quoted examples of Nanomaterials which are already in use in the field of medicine.



Civil - The Bridge Conclave

The Department of Civil Engineering organized 'The Bridge Conclave' on the topic "Development of the Bridge – form globally over the past 35 centuries" on 15.03.2022. The Conclave on Bridge Engineering was delivered by the eminent person, Dr. V. K. Raina - AICTE Distinguished Professor, KPRIET. He taught us about the Development of bridge-form globally over the past 35 centuries. Mr. M. Suyambulingam - RTD chief Bridge Engineer. He delivered a session on Retrofitting of bridges. Mr. V. Kasiraja - General Manager & Head Special projects, L&T Construction, Chennai. He delivered the session on topic Construtability of different types of bridges. Totally 328 Participants attended and were benefited.



BME - Webinar on Benefits of IBSC Certification

This Department of Biomedical Engineering organised a webinar on Benefits of IBSC Certification 17.03.2022. Fifteen faculty members and 62 students attended the webinar. Mr. Nitturi Naresh Kumar was the resource person. The program aimed at introducing the certification programs given by IBSC.



CSE - Webinar on Business Model Canvas

The Department of Computer Science and Engineering organised a webinar on "Business Model Canvas" on 18.03.2022. The resource person of the webinar was Mr. Prakash Balasubramanian, Director & Founder, Axel IT Solutions, Australia. Mr.Prakash Balasubramanian initiated the session from his academic background and experience at IBM. He shared the academic learning at Monash University, Melbourne and further the opportunities and situations made him to start a company at Australia. He addressed various aspects such as Notion of Business Model Canvas, Value Proposition, Customers and Customer relationship, Channels, Activities, Resources, Partners, Cost and Revenue.



ECE - Guest Lecture on Introduction to Machine Learning and Computer Vision

The Department of Electronics and Communication Engineering organized guest lecture on "Introduction to Machine Learning and Computer Vision" on 18.03.2022. Dr. N. Venkateswaran, Professor, ECE, SSN College of Engineering, Chennai was the resource person for the lecture. He has delivered a detailed lecture on machine learning and computer vision concepts associated with his research experience. 50 students attended the Guest lecture.



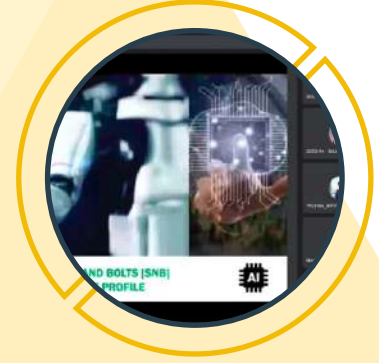
ECE - Talenzia' 2022

The Department of Electronics and Communication Engineering organized an event "Talenzia 2022" on 18.03.2022. 20 students from various polytechnic institutions participated in the different technical events conducted. Multiple events like Hands-on Training on IoT Projects, PCB Design, Drone Assembling, Project Model Contest, Intellectual and fun events were conducted.



CSE - Webinar on Internet of Things

The Department of Computer Science and Engineering organised a webinar on "Internet of Things" on 19.03.2022. The resource person for this event was Dr. Vikram Neerugatti, CTO & Managing Partner Smart Nuts & Bolts [SNB]. He highlighted the recent advancements and technological innovations in IoT. He also enlightened the audience with real time examples. The session was very much informative. The discussed areas were of great benefit for the participants as the topic was very much relevant with the current scenario and working domain.



CAC & ECE - Webinar on Right Time to Start Preparation for UPSC Exam

The Career Advancement Cell in association with Department of Electronics and Communication Engineering conducted a webinar on "Right Time to Start Preparation for UPSC Exam" on 19.03.2022. The main aim of this webinar is to make the students to aware about opportunities for UPSC exam. Mr. O. Murugan, Director, Aspirant IAS Academy, Coimbatore was the resource person. 60 students participated and were benefitted.



Mech - Seminar on PhET – an Interactive Simulation Software

The Department of Mechanical Engineering and CFTIE jointly organized a seminar on "PhET – an interactive simulation software" on 21.03.2022. The resource person of the seminar was Dr K. Mohanasundaram, Prof. EE & Associate Head – CFRD, KPRIET. The seminar provides fun, free, interactive, research-based science and mathematics simulations. The seminar offered valuable insights on the various modules of Interactive Simulation software.



Chemical - International Conference On Sustainable Water (ICSW 2022)

The Department of Chemical Engineering organized an International Conference on Sustainable Water (ICSW 2022) on 22.03.2022 and 23.03.2022 through online mode.



Civil - Aquaticaa '22

The Enviro Club of Department of Civil Engineering organized Aquaticaa'22 and celebrated world water day on 22.03.2022. The event helped in spreading awareness to students and indicated the importance of saving water. Various events such as Water Expo, Talk show, Fun Games and Video making, were also part of Aquaticaa' 22.



EEE - Fluid Hackathon

EIWTC-KPRIET International Water Technology Center, KPR Institute of Engineering and Technology, organized the "Fluid Hackathon" event in association with department of Electrical and Electronics Engineering on 22.03.2022. Fluid Hackathon was organized with five problem statement namely IoT based Water Management System, IoT based groundwater monitoring system, Smart app for water Management, Smart automation in irrigation system and Water Conservation in well.



Civil - Industry Conclave 2022

The Department of Civil Engineering organized an "Industry Conclave 2022" on 23.03.2022. The Chief Guest of the event was Dr. PSK. R. Periaswamy, Chairman, PSK Groups, Namakkal. He addressed the future engineers about the scope of Civil Engineering field. The Conclave was made colourful by the presence of various industry persons from ACCE, Dhiran Associates, Daxesh Builders, Plumeria contracting services, MRK Construction, Millennium developers, Swamy Builders, Sigaram Construction, Aravind Associate, SG Structurals, VBS Structural evolvers, COCENA, Struzon and RVK builder's construction.



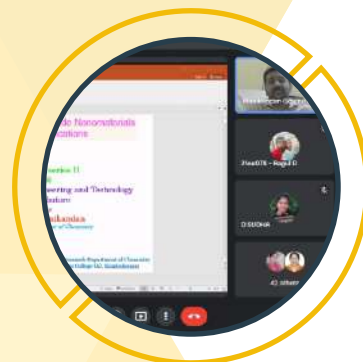
EEE - Value Added Course on MATLAB SIMULINK Toolboxes for Electrical Engineering (Series I)

The Department of Electrical and Electronics Engineering organized a Value Added Course on "MATLAB SIMULINK Toolboxes for Electrical Engineering (Series I)" from 24.03.2022 to 26.03.2022. Dr.V.S.Chandrika AsP/EEE delivered a presentation on MATLAB Simulink Toolbox for Power Electronics. Prof.C.Dinesh, AP (Sr.G) / EEE, delivered a presentation on Getting started with Fuzzy logic toolboxes. Prof.P.Praveena, AP/EEE, delivered a presentation on Embedded Coder toolbox and Dr.D.Sathishkumar AP(Sr.G)/EEE, delivered a presentation on Power system simulation toolboxes. Prof.K.Balamurugan, AP/EEE, delivered a presentation on Simulation of DC to DC Converter converters using MATLAB. Dr.S.Ravindran, AP (Sr.G)/EEE, delivered a presentation on State Space Modelling using MATLAB.



S & H - Webinar on An Overview of Metal Oxide Nanomaterials & its Applications

The Department of Chemistry has organized a webinar titled "An Overview of Metal Oxide Nanomaterials & its Applications" on 24.03.2022. The resource person of the event was Dr. R. Manikandan, Assistant Professor of Chemistry, Govt. Arts College, Kumbakonam Tamil Nadu. The webinar focused on the synthesis, classification and applications of metal oxides. The webinar was conducted with 65 members of faculty and research scholars.



BME - International Technical Symposium IGNUZ '22

The Department of Biomedical Engineering conducted one day International Technical Symposium – IGNUZ'22 on 25.03.2022. The event is sponsored by the Biomedical Engineering Society of India (BMESI), Meds by Healthcare and Engineering Solutions, Coimbatore and Prashan Medical Technologies. A total of 265 students from various institutions participated in the event.



Civil - National Level Symposium Civistra '2022

The Department of Civil Engineering organized a National level Symposium "Civistra'2022" for Polytechnic students on 25.03.2022. The Chief guest Dr. P. D. Arumairaj, Alzum Geo Civil Integrated Services, Indian Geotechnical Society, Chairman - Coimbatore Chapter addressed the participants with his valuable words. Mr. Vasudev, GATE trainer handled the Seminar on topic "Career Guidance - Government Jobs". Mrs.Kavitha handled the workshop on Software Sketch up and Twin motion. Various Technical and Non-technical events such as Techconnect, CADD contest, Vlog, Gully Cricket and Spot events were conducted. The students from various polytechnic colleges attended the symposium and actively participated in the events.



AD - Alumni Series Lecture Importance of Socializing and Networking

The Department of Artificial Intelligence and Data Science organized an Alumni Series Lecture titled 'Importance of Socializing and Networking' on 26.03.2022. Mr. A. Feroz Khan, Software Developer, Halleyx was the resource person. He deliberated on the importance of enhancing interpersonal skills and socializing. The students were able to understand the basic etiquettes of networking and building associations with corporates.



ECE - Webinar on Leveraging AI and IoT in Industrial Sector

The Department of Electronics and Communication Engineering conducted an ISTE Sponsored webinar on "Leveraging AI and IoT in Industrial Sector" on 26.03.2022. The resource person of the webinar was Mr.P.Koushik, System Engineer, Infosys delivered the lecture on Introduction to IoT and how it is evolving in day to day. Mr. P. Mourean, SAP Analyst, Accenture, deliberated on leveraging AI. Mr. T. Vankatesh, Assistant Professor (Sr.G), KPRIET presented the various advancements in IoT and AI.



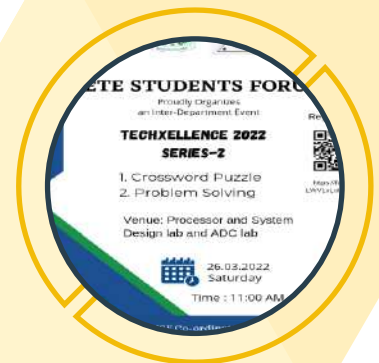
ECE - Alumni Lecture Series - 7 on Gateway to Core Industries

The Department of ECE in association with Office of Alumni Relations (OAR) organized an Alumni Lecture series - 7 on "Gateway to Core Industries" on 26.03.2022. The resource person Mr. Gokul R (2017–2021), Hardware Design Engineer, VVDN Technologies, Pollachi discussed about recent technologies in core industries. The objective of this webinar is to expose the participants to the recent technologies. He also insisted our students to study and be well aware of all the basic electronic concepts, coding skills and strong fundamentals of core subjects related to ECE and good aptitude and logical reasoning Skills.



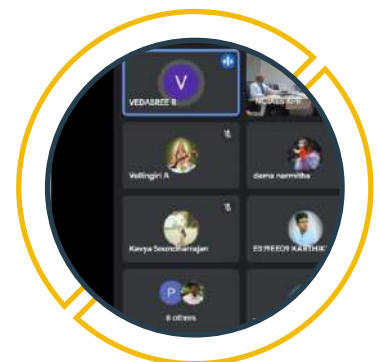
ECE - TECHXELLENC 2022

The IETE council of KPRIET and students association of ECE department organised an Inter – Department event "TECHXELLENC 2022, Series- 2 on 26.03.2022. The event comprises technical crossword puzzle and technical problem solving. 75 students participated in the event.



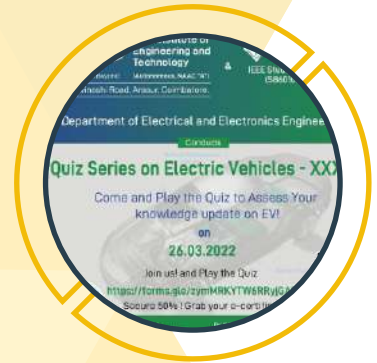
EEE - Seventh National Conference on Innovations and Advancements in Electrical Sciences (NCIAES '22)

The Department of Electrical and Electronics Engineering organized Seventh National Conference on "Innovations and Advancements in Electrical Sciences (NCIAES '22)" on 26.03.2022 in Association with Indian Society for Technical Education (ISTE), IEEE Madras Section and IE(I). The significance of NCIAES'22 is emphasizes on "Greener Energy for future Generation". The technical review committee accepted 95 papers for presentation based on their quality and authenticity.



EEE – Quiz Series on Electric Vehicles – XXXIV

The Department of Electrical and Electronics Engineering organized a “Quiz Series on Electric Vehicles – XXXIV” on 26.03.2022. The event kindled the interest of students in EV Technologies. The participants were able to learn the recent advancements in EV technologies. 327 participants from various institutions participated and 975 participants qualified the quiz and received certificate.



Mech - Hands-on Training on 4-Wheeler Engine & Transmission System

The Department of Mechanical Engineering in collaboration with Ambal Auto, Coimbatore organized a Hands- on Training on “4-Wheeler Engine & Transmission System” on 26.03.2022 at Automobile Laboratory. Experts from Ambal Auto, Coimbatore gave training to the students in Engine & Transmission System. The students were exposed to the nuances of 4-wheeler engine, assembling and transmission system.



AD - Quiz Buzz

The SPARKS ASSOCIATION of the Department of Artificial Intelligence and Data Science conducted 'Quiz Buzz' on 30.03.2022. It was a striking opportunity for students to enhance their technical skills with a chance to win some exciting prizes. The students participated in the Quiz and were able to assess their knowledge and learn the new technical advancements.



EEE - Webinar on How to Plan for Startup and Legal & Ethical Steps

The Department of Electrical and Electronics Engineering in association with Centre for Innovation, Incubation and Entrepreneurship Development organized a webinar on “How to Plan for Startup and Legal & Ethical Steps” on 31.03.2022. The resource person Er. P. Sushil Kumar, CEO – Shrimp Hoard Technologies, Founder – Pristyn Automations, Coimbatore gave glimpse about different kind of startup's and innovations. He elaborated the legal and ethical steps related to startup ideas. He shared his own experiences and ignited the students to engage in startup. Nearly 26 students and 6 faculty members were benefited.



Chemical - Distinguished Lecture Series – I

The Department of Chemical Engineering organized lecture series-I (An overview of Petroleum refinery) in association with IChE student chapter on 31.03.2022. The event was conducted through online mode. The resource person of the day was Sri Chiranjeevulu (Retired Chief manager, ONGC - MRPL, Mangalore)



Triumphant Imprints of Students

AD

Ms. Kamali Priya S, Hema M.M, Krishnapriya P, Mithra S, Nivetha A, Ranjitha J, Prathiksha P N and Vishnu Harsha N B of II year AD won third position in BEST IDEA for developing a product titled web app for KPRIET Information and Event Management system in INNOVSENSE 2021 held at KPR Institute of Engineering and Technology, Coimbatore.

BME

V.K.Yamuna and Aswini Ramamoorthy of final year received a project grant from TNSCT for the project titled "Diabetic Foot Ulcer Detection Using Convolutional Neural Network".

S.Jayaprbha, P.Maheshwari and S.Oliva Danita of final year received a project grant from TNSCT for the project titled "Data Driven Stress Prediction Model using Physiological Signals".

Chemical

Mr. Thiru Murugan S, second year Chemical Engineering Student has secured 95% in the National Level e-Quiz on "Core Java Programming" conducted by Nehru Memorial College, Tiruchirapalli between 20-25 Jan 2022.

Ms. Varsha J, third year Chemical Engineering Student has participated in the "7th Edition of National Level Poetry Contest" organized by SUPER7 during Jan 2022. SUPER7 is the highest rated online contest organizer on GOOGLE.

Ms. Varsha J, third year Chemical Engineering Student has successfully participated in "Deshbhakti Geet", an initiative by the Ministry of Culture to mark 'Azadi ka Amrit Mahotsav'.

Mr. K. Ramkumar, II CH won the first place in Chemathon IRADA 2022, National Level Tech Fest on 6.02.2022. The organizer of the event was The Innovator Club, L.D. College of Engineering, Ahmedabad

Civil

Mr. Bharanitharan S, II CE, completed Basic Leadership Camp(BLC) & Advance Leadership Camp (ALC) – National Level camp, Tamil Nadu Puducherry & Andaman Nicobar Directorate during the month of January.

Mr. A. Sreedharan of II Civil Engineering bagged 1st Prize in Tathva'21 SKETCH IT UP - Building Modeling Competition at NIT, Calicut

Mr. S. Sylesh of III Civil Engineering bagged 3rd Prize in Tathva'21 SKETCH IT UP - Building Modeling Competition at NIT, Calicut

Ms.R.Shiyamala and Ms. S. Ramya, II BE Civil Engineering, acquired II place in Seminar Presentation at NIT Warangal.

CSE

Mr. G. Bharath, I CS is selected for All India Inter University Karate(Men) Championship – 2022 at Kurukshetra University

ECE

AADHANA NEYA.V, II ECE, KANISHKA SRI A U, II Chem and GURUPRIYA K, II CSE completed Basic Leadership Camp(BLC), during the month of January.

Mr. A. Amarnath, III EC won the award 2 nd in Mr. Strongman 2022, at Open state level – Pushup Competition from Indian Fitness Federation.

Mr. R. Abimanyu IV EC, acquired Gold Medal in Judo Karate, Bronze Medal in Kata, Silver Medal in Kumite in Anna University Interzone and Selected for the All India University to represent Anna University, Chhatrapati Shahu Ji, Maharaj University, Kanpur

Harinita, IVEC First Prize in National Level Youth Action Memes Contest IGEN

Mr. R. T. Amudan, Mr. G. Anandhan, Mr. K. Lalith, Mr. S. Madhavan of III EC were shortlisted for e-Yantr International Robotics Competition 2021–22 Grand Finale at IIT, Bombay

Mr. Ajay III EC 3rd Place in WETLAND Photography of IFP (French Institute of Puducherry)

Mech

Mr. Imaya Ganesh S of III Year Mechanical Engineering has represented Tamilnadu in India Skills 2021 National Level Competition for the skill Industrial Design Technology (IDT) held at Pragati Maiden, New Delhi on 6th–10th January 2022.

Mr. Pranav A (Alumni 2020 batch) of Mechanical Engineering Commissioned in Indian Air Force (IAF) –Flying Branch.

Mr. Vibin RA, Mr. Poovarasu E, Mr. Siva Prasad MS and Mr. Samvel R participated in e-YANTRA, IIT Bombay in the project titled "Smart Irrigation system using IOT" and got selected for the next round.

Mr. Vibin RA of III Mechanical has won the Golden Award for the project title "Advance Irrigation System" by the "Confederation of Indian Industry".

Mr. Vibin RA (Leader)(Technical), Mr. Poovarasu E (Technical), Mr. Siva Prasad M S (software) and Mr. Samvel R (Software) participated in CII MILCA AWARD 2022 organized by Institute of Quality in the project title "Advanced Irrigation System" and won the "GOLD Award".

Mr. Dilipan N of III Mechanical won the Bronze Medal in Roller Skate Basketball in 4th National Roller Skate Basketball Championship 2021 held in Sonapat, Hariyana.

Mr. M. Karthikeyan, Mr. B. Ramvignesh and Mr. K. Varadharaj of III year Mechanical Students won "1st place in National Level Project Expo 2022" which was conducted at NIT, Puducherry.

Mr. Samvel. R, Mr. Vibin R A and Mr. Poovarasu E of II year Mechanical Student won Runner position with cash award of Rs.20,000 /- in "Grey Matter –Senior Category, Robotics Competition" which was organized by Hindustan Institute Of Technology, (Deemed), Chennai.

Sergeant Abhinesh.S from II year Mechanical participated in the Inter group competition (ICG) Firing (6th TN MED COY) held at Kongu Engineering college, Perundurai and won the Silver medal.

S & H

Ms. S Susmitha of I EEE-B has received Gold Medal in the 4th National Roller Skate Basketball Championship in 2021 held in J.P. Jain Sr. Hr. Sec. School, Sonapat, Hariyana from 13.01.2022 to 16.01.2022.

Faculty Prowess

The Department of Civil Engineering received appreciation by Indian Geotechnical Society (IGS) – as a Professional Chapter.

Lt.Dr.A.K.Priya, Professor, Department of Civil, was awarded Gold during MILCA Award 2022.

KPR Institute of Engineering and Technology is admitted as Educational Institute Life member in Association of Consulting Civil Engineers (India).

Dr. M Kumar, Associate Professor, Department of Mechanical Engineering received a grant from Science and Engineering Research Board (SERB) fund of Rs. 18,30,000/- under Teachers Associate for Research Excellence (TARE), Mechanical & Manufacturing Engineering & Robotics in the title "Development and Characterization of Novel Additive Manufactured Functionally Graded Aluminium Composite for Energy Efficient Brake Rotor Application" for the duration of 3 years.

Dr. RaviKumar K , Professor, Department of Mechanical Engineering received a grant from Science and Engineering Research Board (SERB) fund of Rs. 70,000/- in the title "Processing and characterization of Additive manufactured components for Engineering and Medical applications".

Mr. Kannan.T, Assistant Professor (Sr.G), Department of Mechanical Engineering received a Project grant from TNSCST-SPS-21-22 fund of Rs. 7500/- under the title "Bluetooth controlled floor cleaning robot by using android phone".

Research Acumen

Chemical

Dr. G. Surendran: Removal of contaminants from waste water by using Murrayakoenigii Nanoparticles

Dr. S. Balasubramanian: Process design scheme on the feasibility of 1 - decanal as a solvent in liquid - liquid extraction to recover anhydrous citric acid from water

Civil

R. Ranjith kumar, S. Thanigaivel, A. K. Priya and Ett al Published paper on the topic "Fabrication of MnO₂ Nanocomposite on GO Functionalized with Advanced Electrode Material for Supercapacitors" in Journals of nanomaterials, SCI, January 2022. <https://www.hindawi.com/journals/jnm/2022/7929270/>

R. Ranjith kumar, S. Thanigaivel, A. K. Priya and Ett al Published paper on the title " Performance Evaluation of Cyclic Stability and Capacitance of Manganese Oxide Modified Graphene Oxide. Nanocomposite for Potential Supercapacitor Applications" in Journals of Nanomaterials, SCI, January 2022. <https://www.hindawi.com/journals/jnm/2022/7352246/>.

Dr. K. S Elango and Ett al Published paper on the title "Mechanical and Durability Studies on Ficus exasperata Leaf Ash Concrete" Advances in Civil Engineering, SCI, January 2022. <https://doi.org/10.1155/2022/4038344>

Ms. P. Indhiradevi and Ett al Published paper on the title " A case study of using median as an alternative for signal controlled intersection" in Materials Today Proceedings, January 2022.

Dr. A. K. Priya and Ett al Published paper on the topic "Bi-based photocatalysts for bacterial inactivation in water: Inactivation mechanisms, challenges, and strategies to improve the photocatalytic activity" in Environmental Research, SCI, Feb, 2022.

Dr. A. K. Priya and Ett al Published paper on the topic " Investigating the Role of Image Fusion in Brain Tumor Classification Models Based on Machine Learning Algorithm for Personalized Medicine" in Computational and Mathematical Methods in Medicine, SCI, Feb, 2022.

Dr. A. K. Priya and Ett al Published paper on the topic "Advancements on sustainable microbial fuel cells and their future prospects: A review" Environmental Research, SCI, Feb, 2022.

Dr. A.K. Priya, Dr. G. Anusha and Ett al Published paper on the title " Removing microplastics from wastewater using leading-edge treatment technologies: a solution to microplastic pollution— A Review in Bioprocess and Biosystems Engineering, SCI, March 2022.

Dr. A.K. Priya and Ett al Published paper on the title "Surface Modification of TiO₂ by adding V₂O₅ nanocatalytic system for hydrogen generation" in Chemical Engineering Research and design, SCI, March 2022.

Dr. A.K. Priya and Ett al Published paper on the title " A review of graphene-based semiconductors for photocatalytic degradation of pollutants in wastewater" in Chemosphere, SCI, March 2022.

CSE

Rajasekaran Thangaraj, P Pandiyan, T Pavithra V.K, R Sivaramakrishnan, Vishnu Kumar Kaliappan, Jan 2022, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Deep Learning based Real-Time Face Detection and Gender Classification using OpenCV and Inception v3, IEEE Xplore, Scopus.

G. Selva Mary, A. John Blesswin, S. Manoj Kumar, 18 Feb 2022, Self-authentication Model to Prevent Cheating Issues in Grayscale Visual Secret Sharing Schemes, Wireless Personal Communications, SCI

R.Santhana Krishnan, A.Sangeetha, D.Abitha Kumari, N.Nandhini, G.Kanagarajesh, K.Lakshmi Narayanan, Y.Harold Robinson. "A Secured Manhole Management System using IoT and Machine Learning". Recent Advances in Internet of Things and Machine Learning Real-World Applications. Springer Nature Switzerland AG. Feb 2022. 978-3-030-90119-6

K.Thirumalai Raja, N. Jayanthi, Jule Leta Tesfaye, N. Nagaprasad, R. Krishnaraj, V.S. Kaushik, Jan 2022, Using an Artificial Neural Network to Validate and Predict the Physical Properties of Self-Compacting Concrete, Advances in Material Science and Engineering, Volume 2022 |Article ID 1206512.

Tuan Anh Nguyen, Iure Fe, Carlos Brito, Vishnu Kumar Kaliappan, Performability Evaluation of Load Balancing and Fail-over Strategies for Medical Information Systems with Edge/Fog Computing Using Stochastic Reward Nets, Sensors, <https://doi.org/10.3390/s21186253>.

K.Thirumalai Raja, N.Jayanthi, Jan 2022, Durability performance of self- compacting concrete with agricultural by products as cement replacement, Journal of Environmental Protection and Ecology, Vol 22, Issue 6, 2402-2416.

Hariharan Bhagavathi, Siva Rathinavelayatham, Kaliraj Shanmugaiah, Kamaraj Kanagaraj, Jan 2022, Dinesh Elangovan, Improved beetle swarm optimization algorithm for energy efficient virtual machine consolidation on cloud environment, Concurrency and Computation Practice and Experience, SCI, <https://doi.org/10.1002/cpe.6828>

ECE

Parameshwaran R, Abolfazl Mehbodniya, Julian L, Webber, Mohamad Shabaz, lakshminarayanan, Gopalakrishnan, "Telemetry Data Compression Algorithm Using Balanced Recurrent Neural Network and Deep Learning", Hindawi, ISSN:1687-5265, January 2022. (SCIE Indexed)

Nithya S, Seethalakshmi V "MIMO Antenna with Isolation Enrichment for 5G Mobile Information", Hindawi, ISSN:1875-905X, Feb 2022. (SCIE Indexed).

K.Saravanan, Tamilselvan M, Rajendran A "Cross Layer QoS Aware Scheduling based on Loss-Based Proportional Fairness with Multihop CRN", Tech science Press, Feb 2022. (SCIE Indexed).

Dr.B.Jaishankar, R.S.Aiswarya, S.M. Ramesh "Smart Wearable Device for Health Monitoring using IoT and Cloud Technology", Genesis Global Publication, ISSN:2582-7421, March 2022. (Scopus Indexed)

EEE

R. Uthirasamy, V. Kumar Chinnaiyan, Alagar Karthick "Design of Boosted Multilevel DC- DC Converter for Solar Photovoltaic System", International Journal of Photoenergy, January 2022.

Alagar Karthick, "Investigation of Weight Fraction and Alkaline Treatment on Catechu Linnaeus/Hibiscus cannabinus/Sansevieria Ehrenbergii Plant Fibers-Reinforced Epoxy Hybrid Composites", Advances in Materials Science and Engineering, January 2022.

Alagar Karthick, "Mechanical and Durability Studies on Ficus exasperata Leaf Ash Concrete", Advances in Civil Engineering, January 2022.

Alagar Karthick, "Fabrication of MnO₂ Nanocomposite on GO Functionalized with Advanced Electrode Material for Supercapacitors", Journal of Nanomaterials, January 2022.

Alagar Karthick, "Performance Evaluation of Cyclic Stability and Capacitance of Manganese Oxide Modified Graphene Oxide Nanocomposite for Potential Supercapacitor Applications", Journal of Nanomaterials, January 2022.

Alagar Karthick, "A Review on the Effect of Various Chemical Treatments on the Mechanical Properties of Renewable Fiber-Reinforced Composites", Advances in Materials Science and Engineering, Hindawi, January 2022.

V.S.Chandrika, "Natural Fiber Incorporated Polymer Matrix Composites for Electronic Circuit Board Applications", Advances in Materials Science and Engineering, Hindawi, January 2022.

Remya, R. R., Angeline Julius, T. Y. Suman, V. Mohanavel, Alagar Karthick, C. Pazhanimuthu, Antony V. Samrot, and M. Muhibbullah. "Role of Nanoparticles in Biodegradation and Their Importance in Environmental and Biomedical Applications." *Journal of Nanomaterials* 2022 (2022).

Nanmaran, R., S. Srimathi, G. Yamuna, S. Thanigaivel, A. S. Vickram, A. K. Priya, Alagar Karthick, J. Karpagam, V. Mohanavel, and M. Muhibbullah. "Investigating the Role of Image Fusion in Brain Tumor Classification Models Based on Machine Learning Algorithm for Personalized Medicine." *Computational and Mathematical Methods in Medicine* 2022 (2022).

Karpagam, J., Chandrashekar K. Patil, KV Pradeep Kumar, Ankur Dutt Sharma, RaviKumar Goyal, Moti Lal Rinawa, and M. Sudhakar. "Fabrication of Al-Zr-Mg-Ni matrix composite with TiC reinforcement by multi-pass recursive friction stir processing and its characterization". *Materials Today: Proceedings* (2022).

Dr. R. Sampathkumar, "Study on Wear Properties of Aluminium Alloy for Different Mass of SiC Particles", *Materials Today: Proceedings*, March 2022

Dr. A. Karthick, "Performance analysis of mixed vegetable oil as an alternative for transformer insulation oil", *Biomass Conversion and Biorefinery*, March 2022.

Dr. A. Karthick, "COVID-19 Detection Based on Lung Ct Scan Using Deep Learning Techniques", *Computational and Mathematical Methods in Medicine*, March 2022.

Dr. A. Karthick, "Human Centered Decision-Making for COVID-19 Testing Center Location Selection: Tamil Nadu—A Case Study", *Computational and Mathematical Methods in Medicine*, March 2022.

Dr. A. Karthick, "A Practical Approach for Predicting Power in a Small-Scale Off-Grid Photovoltaic System using Machine Learning Algorithms", *International Journal of Photoenergy*, March 2022.

Mech

Raj Mohan, R. Venkatraman, R. Raghuraman, S. Kumar, P. Manoj, Rinawa, Moti Lal, Subbiah, Ram, Arulmurugan, B. Rajkumar, S. Processing of Aluminium-Silicon Alloy with Metal Carbide as Reinforcement through Powder-Based Additive Manufacturing, *Scanning*, SCI, Hindawi.

K. Ravi Kumar, V. Mohanavel, and K. Kiran, Mechanical Properties and Characterization of Polylactic Acid/Carbon Fiber Composite Fabricated by Fused Deposition Modeling, *Journal of Materials Engineering and Performance*, SCI, Springer.

R. Rangaraj , S. Sathish, T. L. D. Mansadevi, R. Supriya, Raviteja Surakasi, M. Aravindh, Alagar Karthick , V. Mohanavel , M. Ravichandran , M. Muhibbullah , and Sameh M. Osman, Investigation of Weight Fraction and Alkaline Treatment on Catechu Linnaeus/Hibiscus cannabinus/Sansevieria Ehrenbergii Plant Fibers-Reinforced Epoxy Hybrid Composites, *Advances in Material Science and Engineering*, Hindawi.

M. Aravindh, S. Sathish, R. Ranga Raj, Alagar Karthick, V. Mohanavel, Pravin P. Patil, M. Muhibbullah, Sameh M. Osman, "A Review on the Effect of Various Chemical Treatments on the Mechanical Properties of Renewable Fiber-Reinforced Composites", *Advances in Materials Science and Engineering*, vol. 2022, Article ID 2009691, 24 pages, 2022.

Senthil Kannan, N., Parameshwaran, R., Saravanakumar, P.T. et al. Performance and Quality Improvement in a Foundry Industry using Fuzzy MCDM and Lean Methods. *Arab J Sci Eng* (2022).

Vinayagam Mohanavel , K. Ravi Kumar, T. Sathish , Palanivel Velmurugan , Alagar Karthick , M. Ravichandran, Saleh Alfarraj, Hesham S. Almoallim, Shanmugam Sureshkumar, and J. Isaac Joshua Ramesh Lalvani, Investigation on Inorganic Salts K₂TiF₆ and KBF₄ to Develop Nanoparticles Based TiB₂ Reinforcement Aluminium Composites, *Bioinorganic Chemistry and Applications*.

M.Sathish kumar, S.Senthilkumaran, M.Vignesh, B.Arulmurugan, N.Arivazhagan, M.Manikandan, S.Rajkumar, Hot corrosion behaviour of constant and pulsed current welded Hastelloy X in Na₂SO₄, V₂O₅, and NaCl salt mixture at 900 °C, *Material Research Express*, SCI Indexed, IF=1.62.

Dharani Kumar S & Suresh Kumar S, Influence of Post Weld Cryogenic Treatment on the Ballistic Penetration Resistance of Friction Stir-Welded AZ31B Magnesium Alloy, Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science.

P. Manoj Kumar, Prashant Chauhan, Amit Kumar Sharma, Moti Lal Rinawa, A.J. Rahul, M. Srinivas, A. Tamilarasan, Performance study on solar still using nano disbanded phase change material (NDPCM), Materials Today: Proceedings.

Rajneesh Sharma, Prashant Chauhan, Amit Kumar Sharma, Atul Katiyar, Hari Kumar Singh, Moti Lal Rinawa, P. Manoj Kumar, Characterization of ZnO/nanofluid for improving heat transfer in thermal systems, Materials Today: Proceedings.

P. Manoj Kumar, A. Sumayli, Manoj Mittal, A.S. Abishek, A.S. Atharsh Kumaar, Tadimarri Dinesh Kumar Reddy, Moti Lal Rinawa,, Experimental analysis of a heat sink for electronic chipset cooling using a nano improved PCM (NIPCM), Materials Today: Proceedings.

S & H

V. Gayathri, Assistant Professor of Physics has published a research paper titled "Anticancer and antimicrobial evaluation of novel conductive ZnO₂ doped polymer patches for cancer treatment and tissue engineering applications" in Polymer Bulletin in Jan 2022.

M. Subramanian, Assistant Professor of Mathematics has published a paper titled "Analysis of Boundary Value Problem with Multi-Point Conditions Involving Caputo-Hadamard Fractional Derivative" in Proyecciones (Antofagasta).

Dr. E. Ranjith Kumar, Assistant Professor of Physics has published a research article titled "Effect of Heat Treatment on Structural, Morphological, Dielectric and Magnetic Properties of Mg-Zn Ferrite Nano Particles" in the SCI journal named Physica E in February 2022.

Dr. E. Ranjith Kumar, Assistant Professor of Physics has published an article titled "Preparation of Carbon Quantum Dots using Bike Pollutant Soot: Evaluation of Structural, Optical and Moisture Sensing Properties" in the SCI journal named Ceramics International in February 2022

Dr. A. Kalaivani, Assistant Professor of Physics has published a research article titled "Preparation of Bath Temperature Controlled NiFeP Films for MEMS Application" in the SCI journal named Solid State Communications in February 2022.

Innovative Verve

R.Sampathkumar, "A Fuel Cell Assembly and Method Thereof", Publication No. 202241001621, January 2022.

A.Mohamed Ibrahim, "Artificial Intelligence-Based Techniques to Decide and Guide Pilot for Landing of Aircrafts", Publication No. 202241001184, January 2022.

Prof. P.Praveena, "A Novel Method of Detecting IoT Malware using Deep Learning" Publication No. 202241013084, March 2022.

Prof. B.Lalitha, Dr. S.Ravindran, Prof. C.J.Vignesh, "Optimized Impeller of a Pump with Efficient Delivery", Publication No. 202241011390, March 2022.

Intellectual Evince

Chemical

Mr. N. Arunkumar acted as a Resource Person at Hindusthan College of Engineering and Technology on 6.01.2022 & 7.01.2022. The event was sponsored by AICTE-PRERANA.

Civil

Mr.S.Yuvaraj, Department of Civil Engineering acted as a Resource Person at KGISL Institute of Technology and delivered a talk on " Innovation Development and Technology Readiness Level & Commercialisation of Lab Technologies & Technology Transfer" on 10.02.2022

Lt.Dr.A.K Priya, Department of Civil Engineering acted as a Resource Person at Nazarath College of Arts and Science and delivered a talk on "Waste Management" on 26.02.2022

Lt. Dr. A.K. Priya, Associate Professor, was designated as the resource person for the Guest Lecture, "Career Opportunities in Armed Forces", at Pollachi College of Arts and Science on 09.03.2022.

Ms.P Indhiradevi, Assistant Professor (Sr.G), was designated as the resource person of the Seminar "Effective Resume Writing" – Materials used in Pump Industry" at KPR Institute of Engineering and Technology on 30.03.2022.

Mr. P.Kalaivanan, Assistant Professor, was designated as the resource person of the Seminar "Digital Profile Building" – Materials used in Pump Industry" at KPR Institute of Engineering and Technology on 30.03.2022.

Ms. R. Kavitha, Assistant Professor (Sr.G), was designated as the resource person of the value Added Course "Structura Design using Spreadsheet" at KPR Institute of Engineering and Technology on 31.03.2022.

Ms.S. Bharani, Assistant Professor (Sr.G), was designated as the resource person of the One Crdit Course "Pump Sales and Service – Materials used in Pump Industry" at KPR Institute of Engineering and Technology on 31.03.2022.

Ms.P Indhiradevi, Assistant Professor (Sr.G), was designated as the resource person of the One Crdit Course "Pump Sales and Service – Materials used in Pump Industry" at KPR Institute of Engineering and Technology on 31.03.2022.

Mr.S. Elavarasan, Assistant Professor (Sr.G), was designated as the resource person of the One Crdit Course "Pump Sales and Service – Materials used in Pump Industry" at KPR Institute of Engineering and Technology on 31.03.2022.

Dr. S. Kanmani, Associate Professor, was designated as the resource person of the One Crdit Course "Pump Sales and Service – Materials used in Pump Industry" at KPR Institute of Engineering and Technology on 31.03.2022.

CSE

Dr. M. Saravanan, Assistant Professor (Sl.G), was designated as the resource person for the webinar, "Innovative ML and Vehicular AD-HOC Network approaches to avoid road accidents", at PSG College of Arts and Science on 11.03.2022.

Dr. Kamaraj, Associate Professor, was designated as the resource person for the FDP, "Advancements in Computational Technologies", at Dr. M.G.R Educational and Research Institute on 30.03.2022.

ECE

Dr.K.S.Tamilselvan, Professor, Department of ECE, was designated as a resource person for a lecture series 3 on "Product Development and start-up schemes", on 03.02.2022.

Dr.V.Seethalakshmi Associate Professor, Mr.V.Chandraprasad, Assistant Professor (Sr.G), Mr.M.Singaram, Assistant Professor (Sr.G), Mr.S.P.Cowsigan, Assistant Professor (Sr.G), Department of ECE, was designated as resource person for a two days Technical workshop on "Antenna Design and Simulations for Real time Applications" conducted by Sri Shakthi Institute of Engineering and Technology, on 08-02-2022 to 09-02-2022.

Mr.T.Jagadesh, Assistant Professor (Sr.G), Department of ECE, was designated as resource person for a lecture program on "Target Tracking in Defence Radar" conducted by Chip Crafts, Coimbatore on 17.02.2022.

Mr.K.Saravanan, Assistant Professor (Sr.G), Mr.G.K.Jakir Hussain, Assistant Professor (Sl.G), Dr.S.Kirubakaran, Assistant Professor (Sl.G), Department of ECE, was designated as resource person for an Executive Development program on "Insights of AI and Industrial IoT", conducted by KPR Institute of Engineering and Technology, from 21-02-2022 to 28.02.2022.

Dr.M.Kathirvelu, Professor & Head, Dr.M.Kalamani, Associate Professor, Mr.G.PrdaEEP kumar, Assistant Professor (Sr.G), Mr.S.Satheesh kumar, Assistant Professor Department of ECE, was designated as resource person for a six days induction programme on "Cognitive Skills for Active Learners" conducted by KPR Institute of Engineering and Technology, from 21.02.2022 to 26.02.2022.

Dr.V.Seethalakshmi Associate Professor, Mr.V.Chandraprasad, Assistant Professor (Sr.G), Mr.M.Singaram, Assistant Professor (Sr.G), Mr.S.P.Cowsigan, Assistant Professor (Sr.G), Mr.N.Sathish kumar, Assistant Professor (Sr.G) Department of ECE, were designated as resource person for Value added Course on "Design, Simulation, Analysis and Fabrication of Antenna using CST MWS" conducted by KPR Institute of Engineering and Technology, from 14.03.2022 to 17.03.2022.

Mr.K.Saravanan, Assistant Professor (Sr.G), Mr.G.K.Jakir Hussain, Assistant Professor (Sl.G), Dr.S.Kirubakaran, Assistant Professor (Sl.G), Mr.T.Venkatesh, Assistant Professor (Sr.G), Dr.K.S.Tamilselvan, Professor, Department of ECE, were designated as resource person for Hands on Training on "Embedded Controllers" conducted from 14.03.2022 to 17.03.2022

Dr.M.Kathirvelu, Professor & Head, Dr.J.Muralidharan, Associate Professor, Mr.G.PrdaEEP Kumar, Assistant Professor (Sr.G), Mr.S.Satheesh kumar, Assistant Professor, Mr.D.Ramnivas, Assistant Professor, Ms.S.Chandraprabha, Assistant Professor, Department of ECE, KPR Institute of Engineering and Technology were designated as resource person for Skill development Training on "Demystifying ML Models using contemporary tools" conducted by KPR Institute of Engineering and Technology, from 14.03.2022 to 17.03.2022.

Mr.J.U.Nambi, Lyle Technologies, Dr.B.Jaishankar, Associate Professor, Ms.R.Dhivya Devi, Assistant Professor (Sr.G), Mr.T.Jagadesh, Assistant Professor (Sr.G), Mr.Abishek Sahu kumar, Assistant Professor (Sl.G), Mr.A.Arul, Research Scholar, Department of ECE, KPR Institute of Engineering and Technology were designated as resource person for One Credit Course on "IC Design Flow" conducted by KPR Institute of Engineering and Technology, from 14.03.2022 to 17.03.2022.

Ms.M.Supriya, Assistant Professor, Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for Guest lecture on "Introduction to Embedded Systems" conducted by Holy Grace Academy of Engineering, Thrissur on 18.03.2022.

Dr.K.Murugan, Assistant Professor (Sl.G), Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for lecture program on "Basics of Image Processing" conducted by Holy Grace Academy of Engineering, Thrissur.19.03.2022.

EEE

Dr.V.Kumar Chinnaiyan, Professor from the Department of Electrical and Electronics Engineering was designated as the expert member for NAAC external audit at Nehru Institute of Engineering and Technology on 24.01.2022.

Mr.G.Saravanan, Assistant Professor (SL.G) from the Department of Electrical and Electronics Engineering was designated as the expert member for NAAC external audit at Nehru Institute of Engineering and Technology on 24.01.2022.

Dr A Matheswaran, Assistant Professor (Selection Grade), Department of Electrical and Electronics Engineering was designated as the Resource Person for an AICTE – ISTE Sponsored one week Online Induction Programme on “Design of Sensor Based Systems and Exploration of IPR” organized by Sri Manakula Vinayagar Engineering College, Puducherry on 02.02.2022 and delivered the guest lecture on “Patent Filing Procedure”.

Dr V Kumar Chinnaiyan, Professor and Head, Department of Electrical and Electronics Engineering was designated as the Resource Person for the Faculty Development Programme on “Research Opportunities in Electric Vehicle” organized by Government College of Technology, Coimbatore on 18.03.2022 and delivered the guest lecture on “Power Quality Issues on Grid-Connected Charging Stations”

S & H

Ms. S. Brindha, Assistant Professor of English (Sr.G.) has delivered a lecture in “Creative Resume Writing” in Life Skill Education Series organised by KPRIET on 22.01.2022.

Dr. K. Janaki, Assistant Professor (SL.G.), Department of Mathematics, has delivered a webinar on “Design Thinking” organised by Department of Science and Humanities, Jai Shriram Engineering College, Tirupur on 28.01.2022.

Dr. R. Saranya, Assistant Professor (SL.G.) of English has served as a resource person for Experiential Learning Session on “Group Discussion Etiquettes” organised by the Student Affairs, KPRIET on 12.02.2022.

Dr. T. Sathya, Assistant Professor (SL.G.) of English has served as a resource person for Experiential Learning Session on “Group Discussion Etiquettes” organised by the Student Affairs, KPRIET on 12.02.2022

Dr. J. Suryakanth, Professor of Physics and Head (Print and Media) has served as a Resource person on the celebration of National Science Day organised by the Department of Mathematics and Innovative Cell of KPRIET on 26.02.2022. He has delivered his lecture on the topic “Scientific Temper and Innovative Mindset for Sustainable Growth.”

Dr. A. Kalaivani, Assistant Professor (SL.G), Department of Physics served as a Resource Person in National Science Day Celebration organised by the Department of Physics, St. Anne's Degree College for Women, Bangalore. She has delivered her lecture on the topic “Magnetic Properties of Matter and its Applications” in the programme on 28.02.2022.

Synergic Exercise



ECE
Caliber Interconnect Solutions Private Limited
27. 01. 2022.



ECE
MachDatum Private Limited
05.02.2022



Civil
Indian Council of Agricultural Research (ICAR)
04.03.2022



Civil
Alzum Geocivil Integrated Services
25.03.2022



Mech
Indian Welding Society
05.03.2022

Communal Ministration





“Case Study on Courier Transportation”

Video Lecture Series

VENUE : B-06/7 Ground Floor of Chill & Meek Block

Date : 28.02.2022
Day : Saturday
Time : 02:00 pm - 05:00 pm

Register at youtu.be/PuFmPy42E7A

YOUTH DAY QUIZ CONTEST

Date : 12/01/2022

*A few hours' while, stress, and energetic that will never see do more in a year than a week in January

Student Coordinators :
Sudha Karthick L. 98822 28841
Bhuvan L. 98822 21548

DISCOVER MODULE (FIND COMPONENTS)

For registration

23-01-2022
11:00 AM

Register at kpriet.ac.in

NAME SUGGESTION

Suggest a name for our KPRIET Library

Last date for suggestion : 12/02/2022

IPRIET IIRAM QUIZ

HAM N YOUR FEATURE

Registration link: <https://forms.gle/3W5K9>

TEAM IGNITRON AND SANGAMAM

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Registration link: <https://forms.gle/3W5K9>

KUTTY STORY

Registration link: <https://forms.gle/3W5K9>

POSTER DESIGN CONTEST

Theme: Leadership and Personality development based on the message of Swami Vivekananda

GRAFFI CRAFTZONE

Registration link: <https://forms.gle/3W5K9>

Brand Master

Find the brand names with the given clues

Registration link: <https://forms.gle/3W5K9>

PLASTIC AWARENESS PLEDGE

Help the Earth rejuvenate. Say No to Plastics

LIT & FEST '22'

21.01.2022 - 30.01.2022

Registration link: <https://forms.gle/3W5K9>

உவகை

We need your hand to help others hand

Registration link: <https://forms.gle/3W5K9>

DAY CONTEST

Registration link: <https://forms.gle/3W5K9>

ONE WEEK CHALLENGE

Cover 50kms this week

Registration link: <https://forms.gle/3W5K9>

YOUTH PARLIAMENT KPRIET

Presently present

Registration link: <https://forms.gle/3W5K9>

MARVEL

IS JUST A BEGINNING

Registration link: <https://forms.gle/3W5K9>

Thirumbi Wandhutomnu soflu

Biriyani keta butter milk tharan..!

Registration link: <https://forms.gle/3W5K9>

மலித் வெப்பமட்டில் வெங்கைகலை

Registration link: <https://forms.gle/3W5K9>

Foodies Fun!!

Registration link: <https://forms.gle/3W5K9>

KADHAIPOMAA WITH RJ GOWTHAM

WORLD RADIO DAY SPECIAL

Powered By [linkofmemories](https://www.linkofmemories.com)

With our RJ's
RJ DEEPAKRAJ
RJ KD

Don of Feast

Registration link: <https://forms.gle/3W5K9>

LET'S BE HUMAN

Quiz Contest

Registration link: <https://forms.gle/3W5K9>

CROSS TEAM RIDERS

Invited to celebrate Women's Day

Registration link: <https://forms.gle/3W5K9>



Learn Beyond

KPRIET

