

NEWSLETTER

MAY 2021 Issue

VOLUME
9



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, NAAC "A")

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*Editor in Chief
Dr. M. Akila
Principal / KPRIET*

*Compiled by
MNC*

Awards and Honours



GEM of Coimbatore Award



Outstanding Philanthropist Award



Tamil Nadu Women Achiever's Award

A proud moment to cherish

Our Principal
Dr. M.AKILA
 is shortlisted and featured in "THE ACADEMIC INSIGHTS" under the special edition "INDIA'S TOP 20 PRAGMATIC WOMEN LEADERS IN EDUCATION INDUSTRY"

KPR Institute of Engineering and Technology
 (Autonomous, NAAC "A")

kprIet.ac.in

Dream Wish Do IT **Top Placement Ready Initiatives**

Winner

Dr. M. Akila
 Principal / KPRIET

Sterling Shots

Bandham 2021

To enhance the liaison between the parents, teachers and students community, the KPR Institute of Engineering and Technology organised an event titled 'Bandham 2021' for students and parents on 27th February 2021. The resource person, Prof. M. Ramachandran encouraged and motivated the students to strive for their dream to accomplish it. During the august occasion, School toppers from various districts were awarded and felicitated. In addition to the awarding ceremony, Learn Beyond mobile app and virtual lab materials were launched.



KPR Academic Achiever's Award

KPR Institute of Engineering and Technology organised an event titled, "KPR Academic Achiever's Award 2021 on 6th March 2021, to celebrate the toppers of Schools and Polytechnic colleges. More than 250 students from various schools were awarded for their strenuous efforts and outstanding performance. The parents of the students were overwhelmed by the notable gesture of the institute.



Women's Day Celebration

International Women's Day was celebrated by KPR Institute of Engineering and Technology on 8th March 2021. The resource person, Mrs. Latha Sundaram, Founder and Managing Trustee of Aram Foundation Charitable Trust, deliberated on the accomplishments and challenges of Women in the current scenario. She also enlightened the audience on making the right choice and making bold decisions. Various events were also conducted to nourish the talents of women.



COVID- 19 Awareness Program

The cultural club House Sangamam and the technical club house Ignitrron jointly organised the COVID – 19 Awareness Program for students and faculty members on 16th March 2021. Members of various clubs created awareness through oration, poetry recitation, mime, drama, singing and dancing. Students who were closely witnessed Covid – 19 patients deliberated their experience and insisted on the vitality of social distancing, wearing mask and sanitisation. The Awareness program encouraged the students and faculty members to change according to the new normal.



Placement Day

As a token of appreciation, KPR Institute of Engineering and Technology celebrated the Placement Day 2021 on 28th March 2021, to felicitate the students who have been recruited by reputed companies and industries. A total of 457 students received offer letters, out of which few students received dual offers. Dr. K.P. Ramasamy, Chairman of the Institute congratulated the students and appreciated the Career Development Centre for their strenuous effort in upskilling the students. The parents of the students marvelled at the efficacious venture of the institute.



COVID- 19 Vaccination Drive

It is said prevention is better than cure, in the same vein KPR Institute of Engineering and Technology initiated the COVID – 19 vaccination drive for the faculty members on 10th April 2021. A total of 30 faculty members were shielded though Covishield at Sri Lakshmi Medical Centre, Coimbatore. Standard operating procedures were followed during the vaccination. The faculty members were informed adequately about the vaccination procedures and they were also enlightened by the subsequent dosage.



Faculty Orientation Program

The Faculty Affairs Committee of KPR Institute of Engineering and Technology organised a Faculty Orientation Program from 17th April 2021 to 21st April 2021 to create insights on the functions and objectives of the statutory and non-statutory committees of the institute. The 5-day Orientation program enhanced the understanding of the institute and also offered a vivid picture on the vision and mission of the institute. Various activities were conducted for the faculty members to kindle their interest and curiosity.



Kayakalpa for All

The Staff club of KPR Institute of Engineering and Technology organised a session titled 'Kayakalpa for All' on 24th April 2021 for all the faculty members. The session was handled by R. Kavitha, Yoga Trainer, Pallikoodam School, Kalapati. She deliberated on the benefits and outcome of practising Yoga regularly and insisted on having a healthy lifestyle. A total of 220 faculty members participated in the session and were highly benefitted from the hands-on training.



Inauguration of MAAC

With a view to upskill the knowledge of students in animation and graphic design, KPR Institute of Engineering and Technology joined hands with MAAC Institute – Maya Academy of Advanced Cinematics. The Inauguration of the MAAC at KPRIET campus was organised on 28th April 2021. MAAC Institute aims at offering courses on 3D animation, graphic design, Visual effects, Augmented and Virtual reality so as to enable the students to seek employability in media. It is an ideal platform for the creative minds in the field of gaming, advertising and movie making.



Establishing Liaison



ECE

MoU with
Enthu Technology Solutions India Pvt. Ltd.

25th Feb 2021



ECE

MoU with
Sunshiv Electronic Solutions

11th Mar 2021



ECE

MoU with
Sai Incubation Centre

11th Mar 2021



CSE

MoU with
UCFER

23th Apr 2021

Novel Ventures

Product on “Development of Ingenious Floor Cleaner Using Arduino”

Supervisors: **Mr. V. Bharath**, AP/ BME

Team Members: **Ms. K. PriyaDharshini**, III BME

Ms. M. Mathivathana, III BME

Ms. J. Naveena, III BME

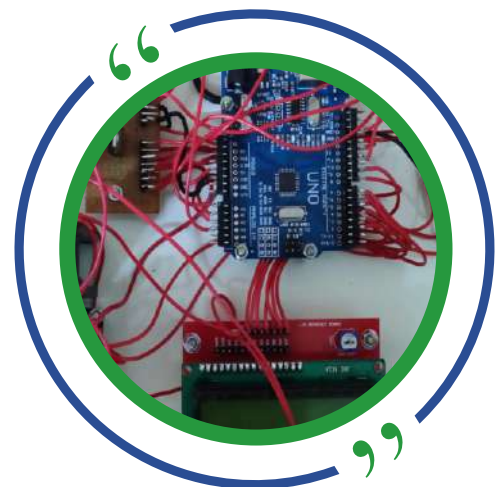
Ingenious floor cleaner using ARDUINO works in automatic and manual control modes along with vacuum cleaning and wet mopping exercise. In automatic mode, both sweeping and mopping, only mopping and only sweeping are possible. Arduino UNO is the widely used recognized board which pedals the entire progress. Bluetooth module HC05 assists controlling the robot in manual control and ultrasonic sensor assists for obstacle detection in automatic mode. This Ingenious floor cleaner can reach the corners of the cleaning space in effective manner.

Product on “Smart farming and monitoring system based on IoT/EEE”

Supervisors: **Dr. I. Baranilingesan**, AP/ EEE

Ms. P. Praveena, AP/ EEE

“Smart farming and monitoring system based on IoT” is for to create an IoT base automated irrigation mechanism which turns the pumping motor on and off pass command through IoT platform. The main objective of this project is to provide an automatic irrigation system there by save time, money & power of the farmer. Farmers would be able to smear the right amount of eater at the right by crop irrigation.



Achievements

STUDENT ACHIEVEMENT

- ☛ **Mr.K.Rakesh Kumar** of Final ECE won gold medal in Tamil Nadu State Traditional Wrestling Tournament held on 06th to 08th February 2021.
- ☛ **Mr. K. Darwin Balaji** of I ECE A won 1st place in Peace Shuttle Badminton Tournament.
- ☛ A project titled “**Organic LED Farming using AI for Self Sustainability during post Covid-19**” was shortlisted for the next level in the **AICTE-CHHATRA VISWAKARMA AWARD**.

FACULTY ACHIEVEMENT

- ☛ **Mr.K.Siddharthraju**, AP (Sr.G), Department of ECE, KPRIET, evaluated the projects in Innovation through Design Thinking course offered by Taylor's University.
- ☛ **Mr. Nikhil Babu P**, AP was selected as a full time research scholar in NIT, Calicut.
- ☛ **Mr. Udhayakumar**, AP (Sr.G) was elected as a Vice President for Kovai Chapter.
- ☛ **Team KPR SPARTANS** and **Team KPR CAPTIVATORS** guided by **Mr.S.N. Dinesh**, AP received the excellent award by QCFI.

Ingenious Exercise

Civil

- Dr.G.Anusha is participated in the Webinar on "Recent advances in sewage treatment" as Resources person. The event was organized by by Sri Ranganathar Institute of Engineering and Technology" on 19th March 2021.

CSE

- Ms.Aswathy R H, AP (Sr.G.)/ CSE had been the resource person for an online Guest lecture on "Game playing in Artificial Intelligence" organized by the Velammal Engineering college, Chennai on 20th March 2021.
- Ms.N.Nandhini, AP/ CSE, delivered a lecture on "Pipelining concepts in Computer Architecture" during the webinar organized by CSE, SCAD College of Engineering and Technology, Thirunelveli, dated 19th April 2021.
- Ms.M.Naveen Kumar, AP/ CSE, delivered a lecture on "Parallelism and Warehouse scale Computers" during the webinar organized by CSE, SCAD College of Engineering and Technology, Thirunelveli, dated 19th April 2021.

ECE

- Mr.K.Siddharthraju, Assistant Professor (Sr.G), Department of ECE, was designated as resource person for AICTE-ISTE sponsored workshop on "Internet of Things using Arduino and Raspberry Pi-Phase II" conducted by GRG Polytechnic College, Coimbatore. He delivered a lecture in the topic "IoT in Healthcare" on 24th February 2021.
- Dr.K.Kalirajan, Associate Professor, Department of ECE, was designated as resource person for a online workshop on "Signal and image processing using MATLAB" conducted by Vevekanandha College of Engineering For Women, Trichengode on 27th February 2021.
- Dr.N.Rajesh kumar, Associate Professor, Department of ECE, was designated as resource person for a online Event on "Carrer Development" conducted by Rotract Club of KPRIET, Tirupur on 27th February 2021.
- Dr.D.Venugopal, Professor, Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for a online Value added course on "Computational Imaging(Series -I)" conducted by KPR Institute of Engineering and Technology, Coimbatore on 22nd March 2021.
- Mr.G.Saravanan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the AICTE-ISTE sponsored Workshop on "Application of IoT using Arduino Use Cases" at GRG Polytechnic College, Coimbatore on 24th March 2021. Nearly 60 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- Dr.K.Kalirajan, Associate Professor, Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for a online Webinar on "Imaging Techniques using MATLAB" conducted by Sri Shanmugha College of Engineering and Technology, Sankari, Tiruchengodeon on 29th March 2021.
- Mr.S.Satheesh kumar, Assistant Professor, Department of ECE, KPR Institute of Engineering and Technology was designated as resource person for an online Webinar on "Role of AI in Process Automation" conducted by Rajalakshmi Institute of Technology, Chennai on 29th March 2021.
- Dr.K.Kalirajan, Associate Professor, Dr.V.Seethalakshmi, Associate Professor, Dr.S.Kirubakarn, Assistant Professor (Sl.G), Mr.K.Saravanan, Assistant Professor (Sr.G) and Mr.G.Pradeep Kumar, Assistant Professor (Sr.G), Department of ECE, were designated as resource person for an online Value added course on "VAC on IoT Hardware Assembly Phase-II" conducted by KPR Institute of Engineering and Technology, Coimbatore on 7th April 2021.

EEE

- ✦ Dr. V. Kumar Chinnaiyan, Professor and Head from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "Mitigation of Power Quality Issues in Grid Connected EV Systems" at KPR Institute of Engineering and Technology, Coimbatore on 8th February 2021
- ✦ Dr. R. Uthirasamy, Associate Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "High Frequency Converters for Electric Vehicles" at KPR Institute of Engineering and Technology, Coimbatore on 9th February 2021
- ✦ Dr.J.Karpagam, Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "Energy Storage System for Electric Vehicle" at KPR Institute of Engineering and Technology, Coimbatore on 10th February 2021
- ✦ Ms. V.J. Vijayalakshmi, Assistant Professor (Sr.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "Energy Management Strategies of Electric Vehicles" at KPR Institute of Engineering and Technology, Coimbatore on 11th February 2021
- ✦ Mr. P. Ravikumar, Assistant Professor (Sr.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "PV Integrated Charging Stations for Plug-in Electric Vehicles" at KPR Institute of Engineering and Technology, Coimbatore on 12th February 2021
- ✦ Mr.K.Saravanan, Assistant Professor, Department of ECE, was designated as resource person for a online Value Added Course on "Design and Implementation of embedded Systems using Arduino" conducted by Vellalar College of Engineering and Technology, Erode on 16th February 2021
- ✦ Mr.S.Vivekanandan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "Battery System Models" at KPR Institute of Engineering and Technology, Coimbatore on 22nd February 2021
- ✦ Mr.G.Saravanan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person ATAL FDP on "Consequences and Protection Mechanisms" at KPR Institute of Engineering and Technology, Coimbatore on 23rd February 2021.
- ✦ Dr.K.Mohanasundaram, Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person ATAL FDP on "ANN based Energy Management and Renewable Power System" at KPR Institute of Engineering and Technology, Coimbatore on 24th February 2021.
- ✦ Dr.S.Ravindran, Assistant Professor (Sr.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person ATAL FDP on "Advancements in Battery Technology" at KPR Institute of Engineering and Technology, Coimbatore on 25th February 2021.
- ✦ Dr.I.Baranilingesan, Assistant Professor from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the ATAL FDP on "Battery Technology for CO2 Reduction" at KPR Institute of Engineering and Technology, Coimbatore on 26th February 2021. Nearly 110 participants from various Institutions in and around Tamil Nadu were benefitted through the event.
- ✦ Mr.G.Saravanan, Assistant Professor (Sl.G) from the Department of Electrical and Electronics Engineering, was designated as the Resource Person for the AICTE-ISTE sponsored Workshop on "Application of IoT using Arduino Use Cases" at GRG Polytechnic College, Coimbatore on 24th March 2021. Nearly 60 participants from various Institutions in and around Tamil Nadu were benefitted through the event.

S & H

- ✦ Ms. R. Jagadeeswari, Assistant Professor (Sr.G), Department of Chemistry, was designated as resource person for a guest lecture titled, "Industrially Important Polymers" conducted by Vivekanandha College Of Arts and Sciences For Women, on 30th April 2021.
- ✦ Dr. M. Vinolia Thamilarasu, Assistant Professor (Sr.G), Department of Chemistry, was designated as resource person for a guest lecture titled, "Sulpha Drugs" conducted by Vivekanandha College Of Arts and Sciences For Women, on 30th April 2021.

Research Prowess

Civil

- ✿ D.Vivek, "Influence of non-biodegradable wastes on mechanical properties of concrete – A Neural Network approach", IOP conference material science and Engineering, February 2021.
- ✿ V.Rajeshkumar, "Effective selection of formwork using computer application", AIP Conference Proceedings 2327,020044, Published Online: 09 February 2021.
- ✿ V.Rajeshkumar, "Study on mechanical properties of fiber reinforced self-compacting concrete", Materials Today Proceedings- Elsevier Publication, February 2021.

CSE

- ✿ Mr. Kandasamy, Mr. S. Ranjithkumar, Sellamuthu, Mr. R. S. Rajkumar, Mr. V. Krishnakumar, 2020, Certain Investigation on Load Balancing using Cloudlet Assignment and min-max Algorithm, Annals of the Romanian Society for Cell Biology, Scopus ISSN: 1583-6258, Volume Issue:03, PP 2223 - 2229.
- ✿ Dr. J. Jeyabharathi, Dr. M. S. Nidhya, Dr. L. Jayanthi, Dr. R. M. Sekar, Mrs. Poonam, Analysis of Machine Learning Algorithms for Spam Filtering, Annals of the Romanian Society for Cell Biology, Scopus ISSN: 1583-6258, Volume 25 Issue 2, PP 3469 - 3476.
- ✿ Dr.D.Surendran, A. Sureshkumar, Knowledge based Software Defined Fast Handoff Mechanism for Future Mobile Network, International Journal of Electrical Engineering and Technology (IJEET), Scopus ISSN: 0976-6553, Volume 12 Issue 03, PP 228-236.
- ✿ Dr.V. Vignesh, Dr.S. Harihar Gopalan, Mr.M. Mohan, Ms.R.S. Ramya, Mr. Anantha Kumar, "A Quantum-based Blockchain approach to Voting Protocol using Hyperledger Sawtooth", presented in ICCCEBS 2021: International Conference on Computing, Communication, Electrical and Biomedical Systems, on 25th March 2021.
- ✿ Dr.V. Vignesh, Dr.S. Harihar Gopalan, Ms.Celsia, Ms.Indumathi, Ms.Harida, "Certain Investigation on IoT Based Smart Pill Carafe In Health Care", presented in ICCCEBS 2021: International Conference on Computing, Communication, Electrical and Biomedical Systems, on 25th March 2021.
- ✿ N. Nandhini, K.B.Srisathya , "Identification of Plant Leaf Diseases Using Adaptive Neuro Fuzzy Classification", presented in ICCCEBS 2021: International Conference on Computing, Communication, Electrical and Biomedical Systems, on 25th March 2021.
- ✿ M Naveenkumar, V Vijayaganth, M Mohan, "Number Plate Detection and Recognition using a Novel Computer Vision Approach for Indian Motor Vehicles", presented in ICCCEBS 2021: International Conference on Computing, Communication, Electrical and Biomedical Systems, on 26th March 2021.
- ✿ Mr. K Azarudeen, Dr. G Vinoth Chakkaravarthy, Mr. Premkumar Murugiah, Mr. Kharthikeyan S, "A NOVEL Approach for Pattern String Matching in Intrusion Detection System", presented in ICCCEBS 2021: International Conference on Computing, Communication, Electrical and Biomedical Systems, on 26th March 2021.
- ✿ Ms.S.K.Geetha, Ms. S.Sathya, Ms.Sakthi Sree, "A Secure Digital E-Voting System using Blockchain framework", presented in ICCCEBS 2021: International Conference on Computing, Communication, Electrical and Biomedical Systems, on 26th March 2021.
- ✿ Kiruthika J.K, Dr.Janani.A.P, Sudha.M, Yawanikha.T," Fine Grained Sentimental Analysis of Social Network Chat Using R", presented in ICCCEBS 2021: International Conference on Computing, Communication, Electrical and Biomedical Systems, on 26th March 2021.

- ✿ Dr. Rajasekar S S, Dinesh P S, Dr.Swathy, priyadharsini P, Ramya R and Mageshkumar B, 2021 Classification of Healthy and Affected Lungs by Pneumonia Disease from X-Ray Images of Lungs using Inception Model, Journal of Xidian University, Scopus, Page No: 466- 470, March 2021.
- ✿ Dr.N.Jayanthi, Gitanjali Wadhwa, 2021, Classification of Breast Cancer Detection using K-Nearest Neighbor Algorithm trained with Wisconsin Dataset, Annals of the Romanian Society for Cell Biology, Scopus ISSN: 1583-6258, Volume 25 Issue 2 4440–4448, March 2021.
- ✿ Gitanjali Wadhwa, Dr.N.Jayanthi, 2021, A Deep Convolutional Neural Network approach for detecting for malignancy of ovarian cancer using dense net model , Annals of the Romanian Society for Cell Biology, Scopus ISSN: 1583-6258, Volume 25 Issue 2 4449–4458, March 2021.
- ✿ Mr.P.Suresh, A.Tamizharasi, Dr.P.Ezhumalai, S.Remya Rose, S.Logeswari, Bio Inspired Approach for generating test data from user stories, Turkish journal of Computer and Mathematics Education, Scopus,ISSN: 1309-4653,Vol 12. No. 2 (2021) pg.no: 412-419, 5th April 2021.
- ✿ Mr. S. Kandasamy, Akshaya S., Anush J., Arunkumar S.A, Machine Learning Approach to Analyze and Predict the Severity of Road Accidents, Annals of the Romanian Society for Cell Biology, Scopus, ISSN: 1583-6258, Volume 25 issue 4, 14th April 2021.
- ✿ Dr.P.Thangaraj, M. Nivaashini, Computational intelligence techniques for automatic detection of Wi-Fi attacks in wireless IoT networks Wireless Networks, SCIE, ISSN: 1022-0038, 15 April 2021.
- ✿ Mr.Kandasamy, Dr.P.Perumal, K.Vanitha,V.K.Manavalasundaram, Guava Leaf Disease classification using Support Vector Machine, Turkish journal of Computer and Mathematics Education, Scopus, Volume 12 No.7 ,Pg no: 1177-1183, 16th April 2021.
- ✿ Mr.Mohan M, Sankavi, Sharmitha V, Cyber Attack type detection using deep learning algorithm, Turkish journal of Computer and Mathematics Education, Scopus, ISSN: 1309-4653, Vol 12. No.7 854-857, 16th April 2021.
- ✿ Mr.Mohan M, Sanjay K M, Subhash Chandra Bose M, Saravanakumar C, Food supply chain using Blockchain Technology, Turkish journal of Computer and Mathematics Education, Scopus, ISSN: 1309-4653, Vol 12. No.7 858-863, 16th April 2021.
- ✿ Mr.S.Kandasamy, Kaviyarasu S,Naveen G,Rahul RColor Fudus, Image of Convolutional Neural Networks for Diabetic Retinopathy Macular Edema, Turkish journal of Computer and Mathematics Education, Scopus, ISSN: 1309-4653, Vol.12, No. 9, page no: 231-233, 24th April 2021.
- ✿ Mr.Prabhakaran P, Mr.Sanjaya Praveen T, Mr.Saran M, Credit Card Fraud Transaction Analysis System, Annals of the Romanian Society for Cell Biology, Scopus, ISSN: 1583-6258, Vol 25, Issue 4 9484-9488, 25th April 2021.
- ✿ Dr.N.Jayanthi, Dr.Thirumalairaja, Githanjali Wadhwa, K.Shneka, R.Swathi, IoT based -civil Labour Safety Monitoring System in Construction Site, Turkish journal of Computer and Mathematics Education, Scopus, ISSN: 1309-4653, Vol 12. No.9 ,1723-1728, 26th April 2021.
- ✿ Mr.P.Suresh, Ms.R.H.Asathy, K.Rosline Dayana, P Robert, Multiparameter Optimization Technique Based on Enhanced Neuro Genetic Model (ENGM) for Precision Agriculture, Journal of Computational and Theoretical Nanoscience, Scopus, ISSN: 15461955, 15461963, Vol. 18, 1031-1037, 2021, April 2021.
- ✿ Ms. R. H. Asathy, Dr. S. Koteeswaran, Mr.P. Suresh, Closed-Loop Irrigation Decision Support System:An Internet of Things Based Closed Loop Irrigation Decision Support System for Precision Agriculture Using Machine Learning, Journal of Computational and Theoretical Nanoscience, Scopus, ISSN: 15461955, 15461963, Vol. 18, 942-948, April 2021.
- ✿ Mr.K.Kandasamy, Makanya devi K, Sathiskumar V E ,Firos A, 2021, Efficient Healthcare Assisting Cloud Storage Strategy using Fog Prioritization Logic based on Edge Devices, Turkish Journal of Computer and Mathematics Education, Scopus. ISSN: 1309-4653, Vol 12 Issue no 2, April 2021.

ECE

- ✿ Mr. S.P Cowsigan and D.Saraswady, "Substrate integrated waveguide cavity backed antenna for IoT applications", *Journal of Ambient Intelligence and Humanized Computing*, ISSN: 1868-5145,13 February 2021. (SCIE)
- ✿ Mr.S.Satheesh Kumar,R Sowmya, B.Maruthi Shankar, L Lingaraj, S.A Sivakumar, "Analysis of Connected Word Recognition systems using Levenberg Marquardt Algorithm for cockpit control in unmanned aircrafts", *Materials Today Proceedings-Elsevier*,ISSN: 2214-7853,24 February 2021.(SCOPUS)
- ✿ Dr.D.Venugopal, Mr.T.Jayasankar, Mr.N.Krishnaraj, Mr.S.Venkatraman, Mr.N.B.Prakash and Ms.G.R.Hemalakshmi, "Multifactorial Disease Detection Using Regressive Multi-Array Deep Neural Classifier", *Intelligent Automation & Soft Computing*,ISSN:1079-8587, March 2021. (SCIE)
- ✿ Dr.B.Jaishankar, Dr.K.Murugan, Mr.S.Finney Daniel Shadrach and Ms.Anitha, "MRI Image Segmentation using BAT optimization algorithm with C means clustering", *Journal of Medical Imaging and Helath Informatics(JMIHI)*,ISSN:2156-7018, March 2021. (Scopus)
- ✿ Dr.G.Dhivyasri, Ms.NA.Logeswari, Ms.S.Miruthula, Mr.VN.Manikaraj and Mr.M.Praveen, "Small scale unmanned crop deputation Internet-of-Things based systematical approach", *International Journal of Electrical Engineering and Technology (IJEET)*,ISSN Print-0976-6545 ISSN Online-0976-6553, March 2021. (Scopus)
- ✿ Mr.S.Satheesh kumar, Mr.S.Vanakovaran, Mr.R.SarathKumar and Mr.S.Chinnapparaj, "Classification using fundus image of eye by CNN method and self-sufficient glaucoma detection using IoT", *Elsevier-Materials Today Proceedings*,ISSN :22147853-20365366, March 2021. (Scopus)
- ✿ Dr.K.Kalirajan,Mr.K.Balaji,Dr.D.Venugopal,Dr.V.Seethalakshmi,"Deep Learning and Big Data for Intelligent Transportation", *Springer*,ISSN:978-3-030-65660-7, April 2021.(Scopus).
- ✿ Dr.S.M.Ramesh, Mr.K.Saravanavel "Hub Floating-Point Adder Using Double Path", *International Journal of Scientific Research in Science and Technology*,ISSN:2395-602X, April 2021. (UGC).
- ✿ Mr.S.Finney Daniel Shadrach, Mr.VamsidharEnireddy, Ms.P.Shobharani, Ms.R.Anitha, Ms.Sugumari Vallinayagam, Mr.T.Maridurai, Mr.T.Sathish, Mr.E.Balakrishnan."Prediction of human diseases using optimized clustering techniques", *Materials Today Proceedings*,ISSN:2214-7853, April 2021. (Scopus).

EEE

- ✿ Kumar, N. M., Samykano, M., & Karthick, A. (2021). Energy Loss Analysis of a Large Scale BIPV System for University Buildings in Malaysia: A Partial and Cumulative Performance Ratio Approach. *Case Studies in Thermal Engineering*, 100916. (Impact factor: 4), March 2021.
- ✿ Karthick, A., Chinnaiyan, V. K., Karpagam, J., Chandrika, V. S., & Kumar, P. R. (2021). Optimization of PV-Wind Hybrid Renewable Energy System for Health Care Buildings in Smart City, *Hybrid Renewable Energy Systems*, March 2021.
- ✿ Karthick, A., & Sakthi, T. (2021) Standalone PV-Wind-DG-Battery Hybrid Energy System for Zero Energy Buildings in Smart City Coimbatore, India. *Advanced Controllers for Smart Cities: An Industry 4.0 Perspective*, March 2021.
- ✿ Baranilingesan, I., "Optimization algorithm based Elman neural network controller for continuous stirred tank reactor process model", *Current Science*, Vol. 120, No. 8, pp.1324, 2021.
- ✿ Jayalakshmi, N.Y., Shankar, R., Subramaniam, U., Baranilingesan, I., Stalin, A.K.B., Rahim, R. and Ghosh, A., "Novel Multi-Time Scale Deep Learning Algorithm for Solar Irradiance Forecasting", *Energies*, Vol. 14, No. 9, pp.2404, 2021.

Mech

- ✿ Gokulkumar, S., P. R. Thyla, S. Sathish, N. Karthi, L. Prabhu, P. Vignesh, R. Vishnu, K. Srikanth, and S. Vishnu Prasath. "Acoustical and mechanical optimization of Camellia Sinensis/Ananas Comosus/GFRP/Epoxy composites by TOPSIS & Weighted Aggregates Sum Product Assessment method." *Materials Today: Proceedings* (2021).
- ✿ Prabhu, L., V. Krishnaraj, S. Sathish, S. Gokul Kumar, N. Karthi, L. Rajeshkumar, D. Balaji, N. Vigneshkumar, and K. S. Elango. "A review on natural fiber reinforced hybrid composites: chemical treatments, manufacturing methods and potential applications." *Materials Today: Proceedings* (2021).
- ✿ Karthi, N., K. Kumaresan, S. Sathish, L. Prabhu, S. Gokulkumar, D. Balaji, N. Vigneshkumar et al. "Effect of weight fraction on the mechanical properties of flax and jute fibers reinforced epoxy hybrid composites." *Materials Today: Proceedings* (2021).
- ✿ Chandrika, V. S., Alagar Karthick, Nallapaneni Manoj Kumar, P. Manoj Kumar, B. Stalin, and M. Ravichandran. "Experimental analysis of solar concrete collector for residential buildings." *International Journal of Green Energy* (2021): 1-9.
- ✿ P.NikhilBabu, D.Mohankumar, P.Manoj Kumar, M.Makeshkumar, M.Gokulnath, K.Gurubalaji, G.Harrish, M.Ashok, Energy efficient refrigeration system with simultaneous heating and cooling, *Materials Today Proceedings* <https://doi.org/10.1016/j.matpr.2021.03.072>
- ✿ K.B. Prakash, C. Subramaniayan, M. Chandrasekaran, P. Manoj Kumar, S. Saravanakumar, Development of mathematical model to study the effect of indoor air quality parameters and optimization using response surface methodology, *Materials Today Proceedings*.
- ✿ Kumar, M., Senthilkumar, C., Joel, E., Vasanthaseelan, S., Logeaswaran, M. "Effect of DMLS Process on Mechanical and Tribological Behavior of AlSi10mg Alloy and its Process Optimization Using GRA." *Materials Today Proceedings* (accepted for publication), March 2021.
- ✿ Manojkumar, S., and Kumar, M. "Elimination of Visor Defects Using 7 QC Tools." *Materials Today Proceedings* (accepted for publication), March 2021.

Patent Publications

S. No.	Name of the Applicant/Inventor	Title of the Project/Invention	Application No.	Date of Publication	Current Status
1	Dr.N.Jayanthi Dr.K.Thirumalai Raja Dr.P.Thangaraj Dr.K.S.Tamilselvan Ms.Gitanjali Wadhwa	Civil Worker Idle Time Estimator and Safety Monitoring system	2021410052257	08.02.2021	Published
2	Dr.G.Dhiviyasri Ms.S.Gunanandhini Mr.M.Manikandan Ms.NA.Logeshwari Mr.M.Praveen Mr.N.Karthi Ms.A.C.Nithia shree Ms.M.Manasa Mr.S.Karthick Mr.K.Vinothkumar	Lip visualizing mask with air vent for deaf people	202141005619	19.02.2021	Published

S. No.	Name of the Applicant/Inventor	Title of the Project/Invention	Application No.	Date of Publication	Current Status
3	Mr.G.K.Jakir Hussain Ms.M.Shanmathi Dr.P.L.Shreenidhi, Dr.M.Maheswari Dr.Adeel Hashmi Mr.Asi Vasudeva Reddy Mr.Sitender Dr.Sangeetha Ms.B.Chaitra Mr.H.Ameresh	IoT Based smart voting system for pandemic spread mitigation	202141006912 A	26.02.2021	Published
4	Dr.K.Kalirajan Dr.T.Naresh Babu Dr.Deepamala Biradar Dr.P.Ganapathi Mr.K.Chandrakumar Dr.V.Manjula Dr.Manabhanjan Sahu Dr.C.Somashekhar Dr.Hema Patil Dr.Vipin Kumar	An Efficient Methodology to Manage Recruitments and Vacancies by Employment exchange	202141008650 A	12.03.2021	Published
5	Dr.D.Venugopal Dr.G.Balakrishnan Dr.M.Anusuya Dr.C.A.Sathiyamoorthy Ms.B.Neeraja Dr.A.V.K.Shanthi Ms.R.Pushvawathi Ms.A.Rathika Mr.P.Mansoor Mr.N.Rahul.	An Automated Embedded system based cloth pressing techniques	202114008637 A	12.03.2021	Published
6	Dr.Suresh Kumar Agarwal Ms.Hema Priyadharshini Dr.Neelima Priyanka Nutulapati Dr.T.J.Catherine Mr.Akshatha Hari Baht Mr.S.P.Cowsigan Mr.Praful Nandankar Mr.T.Ch Anil Kumar Mr.Haqqani Arshad Dr.Bhagyashree Ambore Dr.Harshita Vachhani Mr.Khallikkunaisa Mr.A.S.Rajesh	IoT based pandemic related smart room disinfecting system	202131014648 A	09.04.2021	Published

Department Initiative

IoT Hardware Assembly (Value Added Course)

Date: 1st to 5th February 2021

The department of ECE in association with Centre for IoT organized a value added course on IoT Hardware Assembly (Phase-I) from 01.02.2021 to 05.02.2021 as a part of the skill development service to the student community. This value added course started with introduction to Arduino IDE and sensors with Arduino for IoT applications. Students were exposed with different concepts such as structures, variables, constant, string manipulations and operators, functions, reading a data from sensors and interfacing of sensors with Arduino. Students have done mini projects related to societal needs at the end of the course.

ECE



ECE



Recent Trends in PCB Technology and its Job Opportunities

Date: 3rd February 2021

Resource Person: **Mr. Prakash Subramaniam,**
Team Manger-System Engineering,
Pactron India (P) Limited, Coimbatore.

The Department of Electronics and Communication Engineering, IETE students forum and ECE department students association- SPARTRANZ of KPR Institute of Engineering and Technology organized a webinar on "Recent Trends in PCB technology and its Job opportunities" on 03.02.2021. The resource person was Mr. Prakash Subramaniam, Team Manger-System Engineering, Pactron India (P) Limited, Coimbatore. Participants were interactive throughout the session and could understand the latest techniques in PCB manufacturing and soft skills required for PCB design industry.

Advances in Casting Technology

Date: 3rd February 2021

Resource Person: **Dr.B.S.Saravanan**
Jr. Vice President, Indo Shell Casting Pvt. Ltd,
Coimbatore.

The Department of Mechanical Engineering organized a Webinar on "Advances in Casting Technology" through Google meet on 03.02.2021. Totally 36 students of third year and final year students of Mechanical Engineering attended the program. Dr.B.S.Saravanan, Jr. Vice President, Indo Shell Casting Pvt. Ltd. Coimbatore was the guest speaker.

Mech



BME



Endometrial Cancer- Early Detection Saves Life

Date: 4th February 2021

Resource Person: **Dr.S. Malini**, M.B.B.S, M.S.(O&G), D.L.S.,
Deputy Medical Secretary, Kavin Hospital, Dindigul.

The Department of BME organized a webinar titled 'Endometrial Cancer- Early Detection Saves Life' on 04th February 2021 via google meet. The resource person of the event was Dr.S. Malini, Deputy Medical Secretary & Consultant Obstetrician and Gynaecologist. The webinar focused on the risk of IVF and its potential in reducing ovarian cancer, vaccine available and its limits, pathogenesis of cancer, inherited ovarian Cancer and the ways to prevent it, menopause and its influence in cancer of uterus.

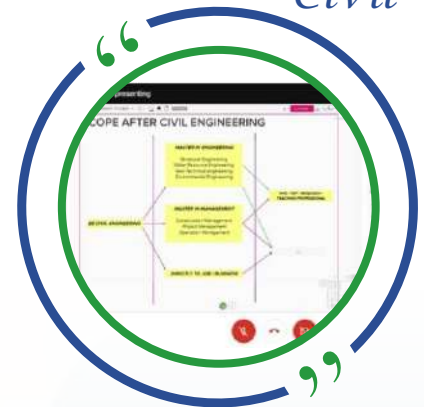
Career Opportunities for Civil Engineers in Management Studies

Date: 5th February 2021

Resource Person: **Er. Santhosh Kumar**
Former Project Control and Planning Specialist, L& T,
Chennai.

The Department of Civil Engineering and Career Advancement Cell of KPR Institute of Engineering and Technology conducted webinar on "Career Opportunities for Civil Engineers in Management Studies" on 05th February 2021. The main aim of this webinar is to make the students to aware about the importance and scope of management studies. Er. Santhosh Kumar, former project control and planning specialist, L & T, Chennai gave a brief presentation on Scope after civil engineering and Frame work of construction industry. Totally 25 civil engineering students participated in the webinar.

Civil



Mech



Severe Plastic Deformation Processing of Materials

Date: 5th February 2021

Resource Person: **Dr. S. S. Satheesh Kumar**
Scientist, DMRL-DRDO, Kancharanbagh,
Hyderabad.

Dr.M.Kumar, Associate Professor organized a Webinar on "Severe Plastic Deformation Processing of Materials" through Google meet on 05.02.2021. Dr. S. S. Satheesh Kumar Scientist, DMRL-DRDO, Kancharanbagh -Hyderabad was the guest speaker.

UPSC Cracking Made Easy Through Simple Practices

Date: 6th February 2021

Resource Person: **Ms.Arunthathi.K,**
UPSC Aspirant, Coimbatore.

The programme was organized by the Computer Science and Engineering Department in association with the Career Advancement Cell and ISTE College Chapter, on 6.02.2021, to make the students aware of the "UPSC Exams and various tricks to crack the exams". Ms.Arunthathi.K, addressed students on the UPSC syllabus and the various online resources available for mock test, previous question papers and interview pattern for their preparation. She also informed the students about the pattern of studying the syllabus and choosing the subject for the main exams.

CSE



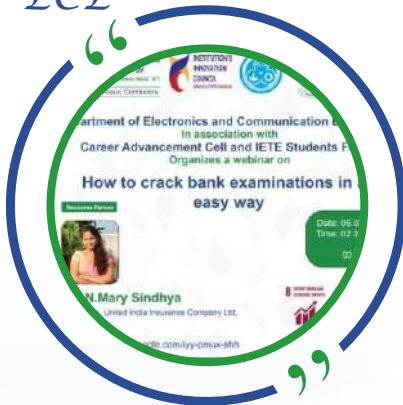
How to crack Bank Examinations in an easy way

Date: 6th February 2021

Resource Person: **Ms.Mary Sindhya**
Associate, United India Insurance Company Ltd.,
Coimbatore.

The Department of Electronics and Communication Engineering and Career Advancement Cell (CAC) organized a webinar on "How to crack bank examinations in an easy way" on 06.02.2021. The program was arranged for final year and pre-final year students. The resource person was Ms.Mary Sindhya, an Associate in United India Insurance Company Ltd., Coimbatore. The webinar exposed the participants to know about the importance of government jobs and the related exams.

ECE



Quiz Series on Electric Vehicles – XI

Date: 8th February 2021

Participants: 172

The department of Electrical and Electronics Engineering organized a "Quiz Series on Electric Vehicles – XI" on 08.02.2021 who are keen on emerging EV technologies. This Quiz had 10 questions covering Electric Vehicle Technologies. About 172 participants attended the program.

EEE



EEE



ATAL FDP on "Advancements in Electric Vehicle Technology - A Paradigm Shift"

Date: 8th to 12th February 2021

The department of Electrical and Electronics Engineering organized an ATAL FDP on "Advancements in Electric Vehicle Technology - A Paradigm Shift" from 08/02/2021 to 12/02/2021 for faculty members. The welcome remark was given by Dr.V.Kumar Chinnaiyan, Professor and Head, Department of EEE and many resource persons delivered contents on trending technologies.

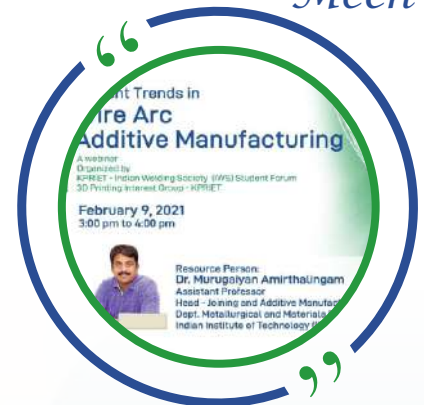
Current Trends in Wire Arc Additive Manufacturing

Date: 9th February 2021

Resource Person: **Dr. Murugaiyan Amirthalingam**
 Assistant Professor,
 Dept. Metallurgical and Materials Engineering,
 Indian Institute of Technology (IIT)- Madras, Chennai

Dr.B.Arulmurugan, AP (SLG) organized a Webinar on "Current Trends in Wire Arc Additive Manufacturing" through Google meet on 09.02.2021. Dr. Murugaiyan Amirthalingam, Assistant Professor Dept. Metallurgical and Materials Engineering, Indian Institute of Technology (IIT) - Madras, Chennai was the guest speaker. Totally 30 students of Department of Mechanical Engineering and 18 students of other institutions attended the program.

Mech



EEE



Test Automation using Python

Date: 10th February 2021

Resource Person: **Er. Kamalikooshy**,
 Software Engineer (Automation)
 MSys Technology, Chennai.

The department of Electrical and Electronics Engineering organized a lecture on "Test Automation using Python" on 10.02.2021. A heart-warming welcome remark was delivered by Prof. G. Saravanan, AP (Sl. G)/EEE. Er. Kamalikooshy, Software Engineer (automation) - MSys Technology, Chennai, deliberated on Need of Automation, Python Coding, Online Compiler, Integration of Python in Hardware and its Job Opportunities.

Emerging Technology: BIM

Date: 11th February 2021

The Department of Civil Engineering of KPR Institute of Engineering and Technology organized webinar on "Emerging Technology: BIM" for the department II and III students on 11.02.2021. The main aim of this webinar is to make aware of our students to know the Emerging Technologies in BIM in Structural Engineering domain. Resource persons Mr. Udhayasankar Ramasamy elaborately discussed the basic commands used in Rivet software opportunities available for Civil and Structural Engineering across the world. He has also discussed the scope and responsibility of an Engineer and explained in detail how to develop and practice in the Structural Engineering domain. Totally 200 students attended the program at thanam hall.

Civil



BME



Introduction to Bio-Signal Acquisition and Processing using LabVIEW

Date: 12th & 13th February 2021

Resource Person: **Mr. Rajasekaran.V**

Academic Technical Consultant Innovative,
Invaders Technologies, Coimbatore.

The Department of BME organized a two day workshop titled 'Introduction to Bio-Signal Acquisition and Processing using LabVIEW' on 12th and 13th of February 2021 at Centre for Signal Processing. Mr.V.Rajasekaran conducted the workshop in 8 sessions, 4 each day. On the first day he introduced LabVIEW, the concept of virtual instrumentation to the II biomedical students. In the following sessions he gave demo on how to design interfaces, usage of loops and case structures.

Bigdata Analytics – Tools and Techniques

Date: 12th February 2021

Resource Person: **Mr Sivanantham K**

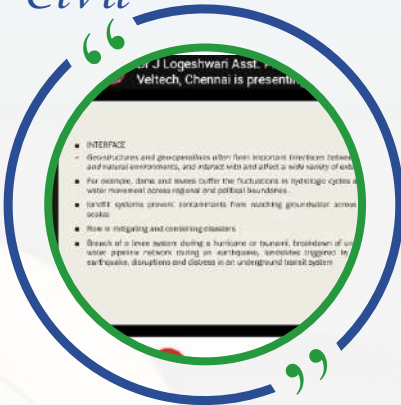
Technical Lead, Sai Incubation,
Coimbatore.

The programme was organized by the Computer Science and Engineering Department in association with CSI Student chapter, on 12.02.2021, so as to make the students on the aware of the "Bigdata Analytics – Tools and Techniques". Mr.Sivanantham K, addressed students on the Bigdata Analytics and the various open source tools available for data analytics. He also informed the students about the challenges and research issues available in this area. He motivated the students to participate in the product development contest and coding contest related to data analytics. Total of 15 faculty and 35 students attended the programme.

CSE



Civil



Sustainable Geotechnical Practices in Construction

Date: 12th February 2021

Resource Person: **Dr. J. Logeshwari**
 Assistant Professor, Civil Engineering Department,
 Veltech, Chennai.

The Department of Civil Engineering conducted a webinar on “Sustainable Geotechnical Practices in Construction” on 12th February 2021. The objective of the webinar is to make the participants aware of the geotechnical practices employed in the present scenario in the construction industry. A cumulative count of 50 participants attended the event.

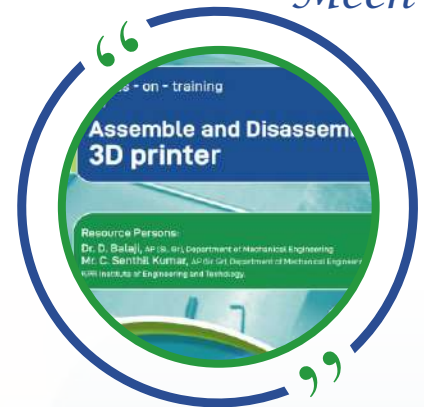
Assemble and Disassemble of 3D Printer

Date: 12th February 2021

Resource Person: **Dr. D. Balaji**, AP (Sl. G)
 Department of Mechanical Engineering/ KPRIET
Mr. C. Senthil Kumar, AP (Sr. G)
 Department of Mechanical Engineering/ KPRIET

Dr.D.Balaji, AP (Sl.G) & Mr.C.Senthil kumar, AP (Sr.G) conducted a Hands on Training on “Assemble and Disassemble of 3D Printer” through Google meet on 12.02.2021. Totally 30 students of KPRIET attended the program.

Mech

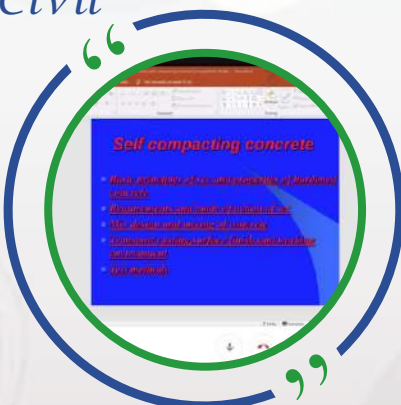


Sustainable Geotechnical Practices in Construction

Date: 13th February 2021

Resource Person: **Mr. V.S. Satheesh**
 Structural & Chartered Engineers
 VSS Consultants, Hosur.

Civil



The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on “FIELD TESTING ON SELF COMPACTING CONCRETE” on 13th February 2021 at 11.00 am. The main aim of this webinar is to impart the knowledge about Field Testing on Self Compacting Concrete & its applications for students and faculty during the lock down. Mr. V.S. Satheesh, currently working as Structural & Chartered Engineers, at VSS Consultants, Hosur gave a brief presentation on the Self compacting concrete and its manufacturing process, industrial applications Mechanical properties, Field testing methods, difference between Conventional concrete and Self compacting concrete how effectively SCC can be used during construction. Totally 120 participants attended the webinar and get benefitted.

Reinforcement Learning in Computer Systems

Date: 13th February 2021

Resource Person: **Mr T.Vigneshwaran**
 Founder, Nandha InfoTech, Coimbatore.

The programme was organized by the Computer Science and Engineering Department in association with ISTE College Chapter, so as to make the students on the aware of the "Machine Learning". Mr.T.Vigneshwaran addressed students on the Reinforcement learning in computer systems for CSE students. He discussed on the topics to be concentrated in each subject. He also pointed out the various online resources available for real world problems and dataset for their project. Further, He informed the students about the scope of the concept as well as the Opportunities in the concept.

CSE



ECE



Cyber Security for Safe and Secure Online Activities

Date: 13th February 2021

Resource Person: **Dr.V.Manikandan**,
 Project Coordinator, CIT- TLC, Coimbatore
Mr. Rajshekar Murthy
 Director, ISAC
Mr. Kottaram V Ramesh
 Cyber Security Consultant &
 Chief Vision Officer, SkillsDA, Chennai

The Department of ECE organized a seminar on "Cyber Security for safe and secure online activities" on 13.02.2021(Saturday). Dr.M.Kathirvelu, Professor and Head/ECE welcomed Dr.V.Manikandan, TLC, CIT for seminar session. Dr.V.Manikandan briefed about the importance of online behaviour of an individual in this digital era, and methods to safeguard themselves from cyber attackers.

Recent Trends in Industrial IoT and its Applications

Date: 13th February 2021

Resource Person: **Mr. P. Kumaravel**,
 Technical CEO, VACT Technologies,
 Coimbatore.

The Department of ECE organized a webinar on "Recent Trends in Industrial IoT and its applications" on 13.02.2021 in association with IETE student forum. Mr.P.Kumaravel, Technical CEO, VACT Technologies, Coimbatore was the resource person.

ECE



Mech



Introduction to Computational Mechanics

Date: 13th February 2021

Resource Person: **Dr.V.Dinakaran,**
 Professor & Head, Center for Applied Research,
 Chennai Institute of Technology, Chennai.

Department of Mechanical Engineering organized a Webinar on "Introduction to Computational Mechanics" through Google meet on 13.02.2021. Dr.V.Dinakaran, Professor & Head, Center for Applied Research, Chennai Institute of Technology, Chennai was the guest speaker.

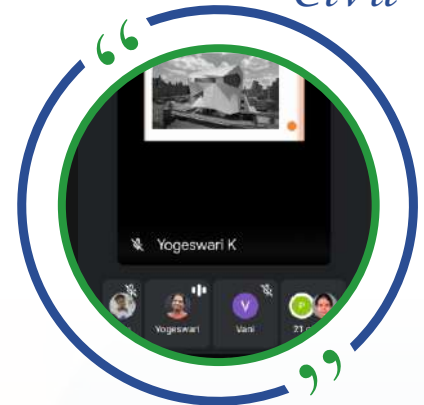
Architecture Applications in Civil Engineering

Date: 22nd February 2021

Resource Person: **Dr.K.Yogeswari,**
 Associate Professor, Department of Architecture
 B.S. Abdur Rahman Crescent Institute of
 Engineering and Technology, Chennai.

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on the topic "Applications of Architecture in Civil Engineering" held on 22nd February 2021. Dr.K.Yogeswari Associate Professor, Department of Architecture, B.S. Abdur Rahman Crescent Institute of Engineering and Technology, explained how to design a building based on the Architectural point of view. Totally 56 participant attended this program.

Civil



Computer Hardware and Networking

Date: 22nd February 2021

Resource Person: **Mr Habeeburrahman**
 Technical Analysis Senior Associate,
 NTTDATA Information Processing Services Pvt Ltd.,
 Coimbatore.

CSE



The programme was organized by the Computer Science and Engineering Department in association with CSI Student chapter, on 22.02.2021 on the topic "Computer Hardware and Networking". Mr Habeeburrahman, addressed students on the Computer Hardware and Networking concepts and the various techniques for troubleshooting. He also informed the students about the challenges and research issues available in this area. He motivated the students to assemble the system by themselves and encouraged them to troubleshoot the basic errors by themselves. Total of 15 faculty and 35 students attended the programme.

ATAL FDP on “Advancements in Battery management Systems and its Applications”

Date: 22nd to 26th February 2021

The department of Electrical and Electronics Engineering organized an ATAL FDP on “Advancements in Battery management Systems and its Applications” from 22.02.2021 to 26.02.2021 for faculty members. A heart-warming welcome remark was delivered by Dr.V.Kumar Chinnaiyan, Professor and Head, Department of EEE. Many resource person ignited the participants mind.



EEE

Foundations of Blockchain and Ethereum and Hyperledger Fabric

Date: 24th February 2021

Resource Person: **Mr.Arjun Dev,**
Blockchain Tech Consultant,
Emurgo Academy, Bangalore.



CSE

The programme was organized by the Computer Science and Engineering Department in association with Blockchain Club to set a platform for students of KPRIET to enlighten them in blockchain technology. The Resource person Mr. Arjun Dev, Blockchain Tech Consultant, Emurgo Academy, Bangalore handled the sessions. The first part of the workshop was about foundations of Blockchain. A broad overview of the essential concepts of Blockchain technology – by initially exploring the Bitcoin protocol followed by the Ethereum protocol – to lay the foundation necessary for developing applications and programming was presented by resource person. A total of 64 participants were benefited from the workshop.

Antenna Design and Fabrication

Date: 25th February 2021 to 2nd March 2021

The Department of ECE organized a value added course on “Antenna Design and Fabrication” from 25-02-2021 to 02-03-2021 as a part of the skill development service to the student community. This value added course started with introduction to basic antenna design and features of CST MICROWAVE STUDIO. Students were exposed to different concepts such as basic windows & setting, copy/paste & alignment, Solvers Types, Introduction to basic Antennas, Half- wave Dipole design and Patch Antenna, Reconfigurable Antenna. A batch of 25 students from second and third year of ECE department participated in this value added course.



ECE

Civil



Lean Construction and its Tools

Date: 26th February 2021

Resource Person: **Dr S. Jeyachandran,**
Vice President – Marutham Group, Chennai

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on the applications of Architecture in Civil Engineering on 26th February 2021. Dr S. Jeyachandran, Vice President - Marutham Group, (Builders & Promoters), Chennai delivered his lecture. The main objective of the webinar is to share the new developments in the field of concrete and to enhance the knowledge of students in the area of Basic Principles of Lean Construction. Totally 50 students attended this program.

Role of IoT and Sensors for Sustainable Smart City Applications

Date: 27th February 2021

Resource Person: **Er.A.R.Aruneshwar,**
Embedded Developer, Sai Incubation Centre, Coimbatore
Prof.J.Sevugan Rajesh, AP
Amrita College of Engineering and Technology, Nagercoil

The Department of Electrical and Electronics Engineering conducted an ISTE Sponsored Webinar on "Role of IoT and Sensors for Sustainable Smart City Applications" on 27.02.2021. The resource person was Er.A.R.Aruneshwar, Embedded Developer, Sai Incubation Centre, Coimbatore. He lectured on Introduction to IoT and Smart Sensors in the forenoon session. Another resource person was Prof.J.Sevugan Rajesh, Assistant Professor, Amrita College of Engineering and Technology, Nagercoil. He delivered on IoT based Smart Home Automation and Healthcare Applications.

ECE



ECE



Industry IoT – Architecture, Design and Challenges

Date: 27th February 2021

Resource Person: **Prof. K. Jayaraman,**
Director, Industry Academic Relationship

The Department of Electronics and Communication Engineering organized a webinar on "Industry IoT – Architecture, Design and Challenges" on 27.02.2021. The main aim of the webinar was to make the students aware of Internet of Things in industrial world. Prof.K.Jayaraman gave a brief presentation on the concepts and also educated about various techniques used in industry with more real time applications.

Role of IoT in Industrial Automation

Date: 27th February 2021

Resource Person: **Er.A.Aravindhan,**
Senior Manager- Corporate Manufacture Engineering
Pricol Ltd, Coimbatore.

The department of Electrical and Electronics Engineering organized a webinar on "Role of IoT in Industrial Automation" on 27.02.2021. A heart-warming welcome remark was delivered by R.Kavipriya, student coordinator, Er.A.Aravindhan, Senior Manager- Corporate Manufacture Engineering, Pricol Ltd, Coimbatore, deliberated on Industry 4.0 -Role of IoT in digitalization process, Productivity improvement via IoT and its job opportunities.

EEE



Mech



CNC Programming and CAPP

Date: 2nd March 2021

Resource Person: **Dr. K.S.Amirthagadeswaran,**
Former Professor & Head
Department of Mechanical Engineering
Government College of Technology, Coimbatore

Department of Mechanical engineering organized a Guest Lecture on "CNC Programming and CAPP" through Google meet on 02.03.2021. Dr.K.S.Amirthagadeswaran, Former Professor & Head, Department of Mechanical engineering, GCT, Coimbatore was the Guest speaker.

PC Hardware Assembly and Troubleshooting

Date: 4th March 2021

The event Workshop on "PC Hardware Assembly and Troubleshooting" was organized for SDC members on 04.03.2021. Total of 96 SDC members of I year benefited from this session. The workshop covered the Components of Input Devices, Output Devices, Storage Devices, Networking Devices and also a hands-on session on Hardware Assembling and Troubleshooting. Through this workshop, the students developed their skills in assembling the system and known about the basic methods in troubleshooting.

CSE



EEE



Quiz Series on Electric Vehicles – XII

Date: 4th March 2021

The department of Electrical and Electronics Engineering organized a "Quiz Series on Electric Vehicles – XII" on 04.03.2021 open to all, who are keen on emerging EV technologies.

IoT based Product Design

Date: 5th March 2021

Resource Person: **Prof. G. Saravanan**
Assistant Professor (SL.G)
Department of EEE/ KPRIET

The Department of Electrical and Electronics Engineering of KPR Institute of Engineering and Technology conducted the Webinar on "IoT based Product Design" on 5th March 2021. The resource person for the webinar was Prof. G. Saravanan, Assistant Professor (SL.G), Department of EEE, KPR Institute of Engineering and Technology. He delivered the lecture on "IoT based Product Design" in the session. The resource person gave a brief explanation about IoT based Smart Home Automation and Healthcare Applications and IoT in Electric Vehicle (EV) applications. He shared his experience related to IoT in smart city applications, which was very much helpful to the participants to understand the concept.

EEE



Emerging trends of Ultrasound imaging in Smart Healthcare Systems

Date: 6th March 2021

Resource Person: **Ms. Hemapreetha**,
Clinical Ultrasound Product Specialist,
BPL Medical Technologies, Cochin.

BME



The Department of BME organized a webinar titled 'Emerging trends of Ultrasound imaging in Smart Healthcare Systems' on 6th March 2021. The resource person of the event was Ms. Hemapreetha, Clinical Ultrasound Product Specialist. The webinar focused on the basic working operations of Ultrasounds and its imaging modalities. The Resource person also illustrated the Modern 3D Ultrasound imaging usage in gynaecology with practical applications.

Mech

Orientation on Incubation Centre

Date: **9th March 2021**

An orientation session was coordinated by Dr.K.Ravi Kumar, Professor and Mr.B.K.Saravanan, Assistant Professor for the aspiring incubation teams at the Mechanical Engineering Board Room on 09.03.2021. Students from Mechanical, Civil and EEE departments participated in the session.



ECE



Innovation in Automation Industry using PLC in SCADA

Date: **12th March 2021 to 14th March 2021**

Resource Person: **Mr.K.ilanchezhian,**
Assistant Manager – Technical,
Franchisee of Prolific Systems Technologies Pvt.Ltd.
Coimbatore.

The Department of Electronics and Communication Engineering organized a three day workshop on "Innovation in Automation Industry using PLC in SCADA" from 12-03-2021 to 14-03-2021. The workshop gave insights on automation using Programmable Logic Controller (PLC) system with Supervisory Control and Data Acquisition (SCADA). The main aim of the workshop was to encourage students to do project related to industry problems by using PLC. Mr.K.ilanchezian gave a brief presentation on the concepts and also educated about various techniques used in industry with more real time applications. The session was highly informative and useful to a batch of 32 students.

My Walk with Biomedical Engineering Trends- Gates Open for Career

Date: **13th March 2021**

Resource Person: **U. Sunil,**
General Manager,
Customer Service, Philips India Pvt. Ltd.

The Department of BME organized a webinar titled 'My Walk with Biomedical Engineering Trends- Gates Open for Career' on 13th March 2021. The resource person of the event was U. Sunil, General Manager, Philips India, Pvt. Ltd. He highlighted the career openings and placement avenues open for Biomedical graduates.

BME



Civil



CIVISTRA 2021

Date: 13th March 2021

The Department of Civil Engineering of KPR Institute of Engineering and Technology organized the National Level Symposium. "CIVISTRA 2021" for Polytechnic Students on 13th March 2021. The main aim of this event is to focus on the development of students to choose their career in their relevant field. The symposium started with a welcome address by Dr.G.Anusha, Professor & Head, Department of Civil Engineering. Presidential address was given by Dr.M.Akila, Principal, KPRIET. Principal addressed the gathering about the significant development in Civil Engineering and opportunities available in the present world. More than 50 participants from various polytechnic colleges attended the program.

Game Development

Date: 13th March 2021

Resource Person: **Ms. M. Salomi**
 Assistant Professor (Sr.G)
 Computer Science and Engineering/ KPRIET

The Department of Computer Science and Engineering organized a webinar on "Game Development" for polytechnic students on 13.03.2021. The Resource Person, Ms. Salomi demonstrated various game development platforms to the audience. She has also presented the significance of mobile applications and game development to the participants. A total of 15 students from various polytechnic colleges were benefited from the webinar.

CSE



CSE



Mobile Application Design Contest

Date: 13th March 2021

The event Mobile Application Design Contest was organized for SDC and Non-SDC members on 13.03.2021. Totally 10 teams participated in the event. The contest help students to bring out their talents and innovative ideas. Dr.A.Devipriya AP(SL.Gr) and Mr.R.Sivaramakrishnan AP(Sr.G) acted as Jury for this contest. The students presented their innovative ideas on Mobile Application Design and presented the process of implementation.

CSE

Technovation

Date: 13th March 2021

The programme was organized by the Computer Science and Engineering Department in association with CSI Student chapter, on 13.03.2021, so as to make the students participate in the technical event. Events such as Web Surfing, Blind Coding, Pseudo Code, Chess, Cutie Pie, Rubik's Cube were conducted. The event was conducted in a team with a team size of 2 per team. The students of II year actively participated and totally 97 students participated and got benefited in this event.



Embedded IoT Systems

Date: 13th March 2021

Resource Person: **Mr. P. Kumaravel**
 Technical CEO, VACT Technologies
 Coimbatore

The Department of Electronics and Communication Engineering of KPR Institute of Engineering and Technology organized a hands-on training on "Embedded IoT Systems" on 13-03-2021 as part of the skill development service to the student community. The resource person for the programme was Mr.P.Kumaravel, Technical CEO, VACT Technologies, Coimbatore. It is a good initiative for each and every student to enrich their knowledge in the field of Internet of Things.

ECE



5G Networking

Date: 13th March 2021

Resource Persons: **Ms.Preetha**
 Embedded Software Engineer
 VVDN Technologies, Coimbatore
Mr.K.S.Navin
 QA Engineer, VVDN Technologies, Coimbatore

Dr.B.Jaishankar, AsP/ECE and Ms.M.Supriya AP/ECE, organized a webinar on "5G Networking" on 13-03-2021 from 11:00 am to 12:00 noon. Dr.M.Kathirvelu, Head/ECE welcomed the resource person Ms.Preetha, Embedded software engineer, VVDN Technologies and Mr.K.S.Navin, QA Engineer, VVDN technologies. Ms.Preetha briefed about VVDN technologies and placement opportunities in core companies. Mr.K.S.Navin explained about implementation of 5G networks in current scenario. They explained about 5G wireless technology and its scope. The Participants were active throughout the session.

ECE



Mech



Autodesk Fusion 360 for Beginners

Date: 13th March 2021

Department of Mechanical Engineering organized a one day workshop on "Autodesk Fusion 360 for Beginners" on 13.03.2021 in LIS laboratory. Totally 25 students of first and second year Mechanical Engineering attended the program. Mr. P. Bharathwaj & Mr. S. Imaya Ganesh student of II Year Mechanical Engineering was the guest speaker.

Learn the Basics of 3D Printing

Date: 13th March 2021

Mr.E.Joel, Assistant Professor and the Mechanical Engineering Association conducted a webinar on "Learn the Basics of 3D Printing" through Google meet on 13.03.2021. Totally 39 students from various School, Diploma and Engineering students attended this program.



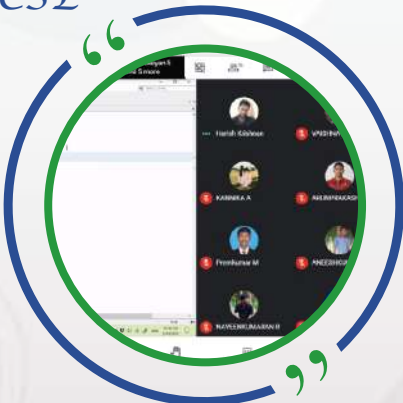
Mech

Game Development

Date: 14th March 2021

Resource Person: **Mr.K. Harish**
Trainer, Career Development Centre, KPRIET

CSE



The programme has been organized by the Computer Science and Engineering Department in association with Office of Alumni Relations and ISTE College Chapter. It is planned for polytechnic students as well as our fellow second year students. Mr K. Harish addressed students starting with the introduction to Java, comparison with other programming languages in terms of efficiency, flexibility, security and applications. He covered basic syntax, data types, memory allocations, branching and iteration statements. He also discussed few builtin classes and packages. He motivated students to start working on live projects using online platforms like Hackerrank. A total of 40 participants attended the programme.

Electronics Thermal Management: Overview

Date: 15th March 2021

Resource Person: **Mr. C. Sundaraj**,
SANDISK India Device Design Centre
Bangalore

Department of Mechanical engineering and ISHRAE students chapter organized a webinar on "Electronics Thermal Management: Overview" through online google meet on 15.03.2021. Mr. C Sundaraj, SANDISK India Device Design Centre, Bangalore was the guest speaker.



TNSCST Sponsored Two Day Webinar on "Recent Advancement in Infrared Thermography Techniques for Electrical Panels"

Date: 18th & 19th March 2021

Resource Persons:
Er.K.V.Sivasamy, Fulfill Technology, Coimbatore
Dr.U.S.Ragupathy, Professor, Kongu Engineering College, Erode.
Prof.B.Venkatesan, AP, Kongu Engineering College, Erode.
Er.G.Rajesh, LETFIX Technologies, Chennai
Er.Lokesh, Emerson Automation Solutions, Pune.
Er.S.Malarvili, ZF Wind Power Pvt. Ltd., Coimbatore.

The department of Electrical and Electronics Engineering of KPR Institute of Engineering and Technology conducted the TNSCST Sponsored Webinar on "Recent Advancement in Infrared Thermography Techniques for Electrical Panels" on 18th and 19th March, 2021. For the two-day event, six resource persons are invited and given their presentation on infrared thermography techniques. Nearly 65 participants from various organization attended the webinar program.

EEE



Orthopaedic Challenges and Remedies

Date: 19th March 2021

Resource Person: **Dr.B.R.J Satishkumar**,
Chief Orthopaedic Surgeon
Managing Director, BRJ Ortho Centre & MAK Hospital
Chennai

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on the topic "Orthopaedic Challenges and Remedies" held on 19th March 2021. Dr.B.R.J Satishkumar, Chief Orthopaedic Surgeon, Managing Director, BRJ Ortho Centre & MAK Hospital, Coimbatore delivered his lecture. Totally 50 participant attended this program.



CSE



Micro Services Architecture

Date: 19th March 2021

Resource Person: **Mr. P. Gokul Kumar**
 Product and Platform Engineer,
 Altimetrik India Pvt Ltd.,
 Ascendas International Tech Park, Chennai.

The programme was organized by the Computer Science and Engineering Department in association with CSI Student chapter, on 19.03.2021. Mr Gokul Kumar, addressed students on the Micro services Architecture concepts and the various its various techniques used. He also informed the students about the challenges and research issues available in this area. He motivated the students to learn the basic concepts of this architecture to prepare themselves for placement. Total of 5 faculty and 43 students attended the programme.

Bug Hunters

Date: 20th March 2021

The event Bug Hunters was organized for the SDC members on 20.03.2021. First round was based on Identifying errors, Second round was to Identify and correct the errors. The members were able to get an exposure on identifying and correction of errors in programs. Out of 12 teams, 6 teams were shortlisted for the second round. Out of 6 teams, 3 teams were selected for the first, second and third place.

CSE



CSE



Quizzards

Date: 20th March 2021

The event Quizzards was organized for the SDC members on 20.03.2021. All rounds are based on technical questions. Out of 15 teams 7 teams were shortlisted for the second round. Out of 7 teams, 3 teams were selected for the first, second and third place. The students were enlightened on various technical parameters and expressed their inquisitiveness throughout the event.

Importance of Biomedical Engineer in Medical Industry during COVID-19

Date: 26th March 2021

Resource Person: **Mr. Boopathi Sakthivel**,
CEO and Founder,
Prashan Medical Technologies, Coimbatore.

The Department of Biomedical engineering in association with Continuing Education Programme organized a webinar titled 'Importance of biomedical engineer in medical industry during COVID-19' on 26th March 2021. The resource person of the event was Mr. Boopathi Sakthivel, CEO and Founder, Prashan Medical Technologies, Coimbatore. 30 students of second year biomedical engineering participated in the event. The webinar focused on the various career opportunities available in the Medical Industry. It also highlighted the role of Biomedical Engineers during the pandemic.

BME



Mech



Start-up "4K Technologies"

Date: 26th March 2021

Department of Mechanical Engineering, Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) conducted an Inaugural of the Start-up of "4K Technologies" at Incubation Centre (KIC) on 26.03.2021.

Design and Prototype FPGA and SoC Systems using MATLAB & Simulink

Date: 27th March 2021

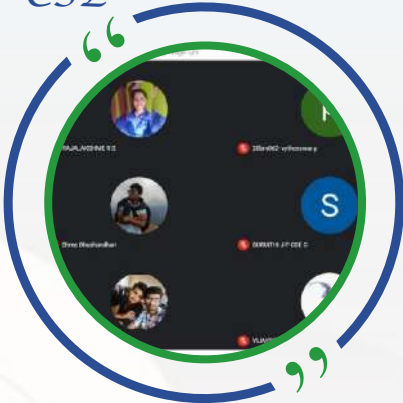
Resource Persons: **Dr. Praful P. Pai**
Education Technical Evangelist, MathWorks India
Mr. Anand Mukhopadhyay
Education Technical Evangelist, MathWorks India

The Department of Electronics and Communication Engineering and Continuing Education Programme (CEP) of KPR Institute of Engineering and Technology organized a webinar on "Design and Prototype FPGA and SoC Systems using MATLAB & Simulink" held on 27-03-2021. The resource persons are Dr. Praful Pai and Mr. Anand Mukhopadhyay. Dr. Praful Pai works with the Education Team at MathWorks India, where his focus is on collaborating with faculty, researchers, and students to make STEM education engaging and accelerating research in science and engineering. Mr. Anand Mukhopadhyay is an Education Technical Evangelist at MathWorks India. His role is to work with the educators and students across India for effective use of MATLAB and Simulink in their curriculum and research.

ECE



CSE



Business Intelligence and its Applications

Date: 27th March 2021

Resource Person: **Mr.K.Balaji**,
BI Analyst/Tech Lead/Data Analyst,
Intel Technology India Pvt. Limited

The event Webinar on "Business Intelligence and its Applications" on 27.03.2021. Mr.K.Balaji, BI Analyst/Tech Lead/Data Analyst, Intel Technology India Pvt.Limited was the resource person. Totally 60 students of SDC members were benefited from this session. The webinar covered topics such as Database systems language, Concepts of Business Intelligence with real time examples and hands- on training on Business Development Tool kit.

JANATA Curfew- Corona Rewind for Better Health

Date: 27th March 2021

Resource Person: **Ms. M. Swathy, AP**
Department of Biomedical Engineering/KPRIET
Coimbatore

The Department of Biomedical Engineering and the Department Students Association of 'Medico Sapiens' organized an Awareness program titled "Janata Curfew – Corona Rewind for Better Health" on 27th March, 2021. About 94 participants actively took part in the program. The session aimed at highlighting the importance of maintaining the Standard Operating Procedures to safeguard ourselves from the COVID 19 pandemic and also focused on improving our life standards and fight against any pandemics in future.

BME



Pre Layout and Post Layout Simulation using Cadence

Date: 30th March 2021

Resource Persons: **Mr.L.V.Kedharnath**
Field Application Engineer
Entuple Technologies, Bangalore

ECE



The Department of Electronics and Communication Engineering, KPR Institute of Engineering and Technology organized a technical training program on "Pre Layout and Post Layout Simulation using Cadence" on 30-03-2021. The entire technical training content are Pre Layout of CMOS logic gates, SRAM, Buffers, Characterization of transistor and amplifiers. The resource person is Mr.L.V.Kedharnath, he is a Field Application Engineer at Entuple Technologies, Bangalore, India. He is responsible for consultation for customers across India from academic sector. He has contributed in developing learning solutions in the scope of RTL design, physical design and more as subject matter expert

IoT Hardware Assembly (Phase-II)

Date: 7th to 9th April 2021

The Department of ECE in association with Centre for IoT has organized a value added course on IoT Hardware Assembly (Phase-II) from 07.04.2021 to 09.04.2021 as a part of the skill development service to the student community. This value added course started with introduction to NodeMCU development board and interfacing sensors with NodeMCU for IoT applications. In the second day, students were exposed with the IoT applications using Raspberry-Pi platform. In third day, hands-on training was given to the students in different IoT applications using Blynk cloud server. Total of 15 second year students of ECE department has participated in this value added course



ECE



Latest Trend in Industrial Automation

Date: 12th April 2021

Resource Person: **Er. Mohammed Akmal**
Manager – Customer Services
Siemens, Coimbatore

The Department of Electrical and Electronics Engineering organized a lecture by industry expert "Latest Trend in Industrial Automation" on 12.04.2021. The resource person, Er. Mohammed Akmal, focused on various aspects such as Smart Factory, Industrial revolution Industrial IIoT, Cyber security concerns, Asset Management by OEMs and Reliable equipment to power connectivity. 62 students participated in the session.

Glimpse of Mainframe and Embedded Software

Date: 17th April 2021

Resource Person: **Mr. M. Saithulasiram**
Mainframe Console and Batch operator, IBM, Chennai.
Mr. M. Naveen Prasath
Embedded Software Engineer, VVDN Technologies

The Department of ECE organized a webinar on "Glimpse on Mainframe and Embedded Software" on 17.04.2021. The resource person, Mr.M.Saithulasiram, Mainframe Console and batch operator, IBM Chennai gave the overview of Mainframe console and explained the need of Mainframe in industries. The resource person Mr.M.NaveenPrasath, Embedded software Engineer, VVDN technologies explained about embedded software. He also discussed embedded software into the electronics of cars, telephones, modems and few real time applications. The session enriched 68 participants.



ECE



Scope of IoT in Industrial Applications

Date: 24th April 2021

Resource Person: **Ms.S.Sowbharani**
Software Analyst
Accenture Pvt. Solutions, Bengaluru.

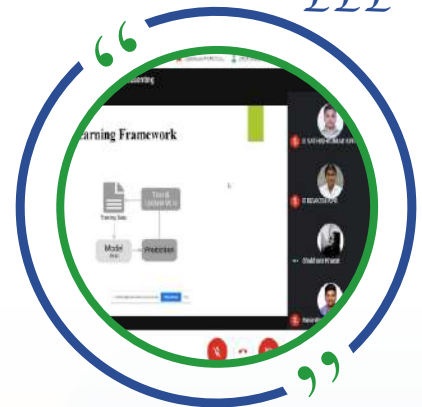
The Department of ECE in association with Office of Alumni Relations, organized a webinar titled "Scope of IoT in Industrial Applications" on 24th April 2021. Ms.Sowbharani explained the importance and characteristics of IoT. She gave an insight about Industrial IoT. She also stated various examples regarding the topic and made the session interactive. Finally, the resource person concluded the webinar by talking about the technological and social impacts of IoT. Nearly 40 participants attended the webinar.

Sixth National Conference on Innovations and Advancements in Electrical Sciences (NCIAES' 21)

Date: 26th April 2021

The Department of Electrical and Electronics Engineering organized the Sixth National Conference on Innovations and Advancements in Electrical Sciences (NCIAES' 21) on 26/04/2021 in association with Indian Society for Technical Education (ISTE), IEEE Madras Section, The Institution of Engineers (India) IE(I) and The Institution of Electronics and Telecommunication Engineers (IETE). The significance of NCIAES' 21 was to emphasize on "Greener Energy for future Generation". Out of 100 papers, 53 papers were selected for the presentation after a peer review by the technical committee. The delegates presented the ideas in their respective theme and enlightened the audience.

EEE



Bridging Industry with Institution

Date: 29th April 2021

Resource Person: **Ms T. Dharani**
Software Engineer
HCL Technologies – Bengaluru

CSE



The Department of CSE in association with Office of Alumni Relations and ISTE College Chapter, organized a webinar titled "Bridging Industry with Institution" on 29th April 2021. The resource person Ms T. Dharani, Software Engineer, HCL Technologies, Bengaluru addressed students starting with her introduction and her experience with the industry. She shared her expectations as a student and her experience as an employee. The resource person explained the methods of preparation and the technical knowledge expected from the candidate by the Industries. A total of 80 participants attended the programme.

SANGAMAM

SANGAMAM
KPRIET TOASTMASTERS CLUB & LITERARY CLUB
JOINTLY ORGANISE

**DANDI MEMORIAL DAY
SPECIAL EVENT**

12.03.2021

CONTESTS:
ESSAY WRITING
ELOQUENT

Venue: Gitam Hall (Yoga Hall)
Time: 2:00 PM to 3:30 PM

91 YEARS OF DANDI MARCH

Coordinates:
Naveesh Kumar
95444 70007

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

HERBAL PLANTING CAMP

DATE: 20/03/21
TIME: 11:00 AM

Venue: KPRIET Campus
Date: 20/03/21
Time: 11:00 AM

Coordinates:
K. Srinivasan A
K. Srinivasan B
K. Srinivasan C
K. Srinivasan D

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

TOURING TALKIES

20.03.2021
2:00 PM - 4:00 PM

MOVIE REVIEW WRITING & CRITICAL BRIEFING CONTEST

Register @
bit.ly/touring_talkies

For Details:
Nigun Saraji
79041 62755

KPRIET TOASTMASTERS CLUB

Other details in registration link

SANGAMAM

நான் அறிந்த நாடாளுமன்றம்

Speaker:
Dr. N. Rajeshkumar
Assistant Professor (IT)

DATE: 13.03.2021
TIME: 12:00 PM to 1:30 PM

Venue: GITAM Chemical Dept

STAFF COORDINATORS:
Dr. S. Aravindhan
Mr. S. Manojkumar

EVENT COORDINATORS:
188 Regan, S. 1802 4750
Manojkumar, S. 1808 3813

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

**Enaku therindhadhum.....
Unaku theriyadhadhum.....**

(Innovative speech contest)

Your video will be uploaded as INSTA post

Registration link:
http://www.kpriet.org/contest

Deadline: 15th Feb April
09:00 AM

For more details:
94891 52919

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

**நாடு காத்த நல்லோர்
இவ்வீர இவ்வீர இவ்வீர வரமுமா?**

உங்கள் மனம் கவிர்த்த
கதந்தீர் போராட்ட விரைப்
புறந் ஒரு பக்க கடனோ எழுத
வந்தவரும் அழகுபுறும்

15.03.2021

Coordinates:
K. Srinivasan A
K. Srinivasan B
K. Srinivasan C
K. Srinivasan D

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

COVID DEFENDERS

Theme: Honouring our covid defenders

Event Open from: 30/03/21
Last Date of Submission: 07/05/21

Events:
• Video making
• Speech
• Photography
• Poster Designing
• Drawing/painting

Register @
bit.ly/coviddefenders

Coordinates:
7774041555
8070084492

SANGAMAM

**Li Eian speaks on
Career Opportunities In
Defense**

DATE: 10th APRIL
SATURDAY

TIME: 10:00 AM

Register @
bit.ly/defense21

KPRIET TOASTMASTERS CLUB
Presents

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

"Art Of Your Own"

Show your creativity on a paper to win exciting prizes!

Send Your Exhibits on or before
11th April 2021 to artandcraft@kpriet.ac.in

Open to school and college students

STUDENT COORDINATORS:
SUBASHI 9610318636

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

**DEPARTMENT OF CHEMISTRY &
ECO CLUB OF KPRIET**

World Water Day 2021

Video on Water Conservation
Water Pollution
Water Conservation
Water Pollution
Water Conservation
Water Pollution

Deadline: 15th April 2021
11:00 AM

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

ECO Club of KPRIET

**Erection of Sparrow cage
Phase 2**

Date: 13/03/2021
Time: 10 AM - 11 AM
Venue: KPRIET Campus

Special Prizes to TEAM Sangamam

Convenors:
Kashirwan AI Yoga Belqer V | Bharathi S I Gokul BNT

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

விகிதம்

வினாக்கள் வைத்துக் கொண்டு
வினாக்கள் வைத்துக் கொண்டு
வினாக்கள் வைத்துக் கொண்டு

தேதி: 13.03.21
நேரம்: 9:00 am - 2:00 pm

இடம்: Gitam hall

Register @
bit.ly/vikitham

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

INTERNET KUTTIES 2.0

Reluctant club of KPRIET
(Sponsored by Rotary Tiger - Thiruvananthapuram)

Contests:
Drawing
Poetry
Story writing
Bhavas vestalies

Registration link:
http://www.kpriet.org/contest

Deadline: 15th April 2021
11:00 AM

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

PODCAST MARATHON

Podcast Marathon

Registration link:
http://www.kpriet.org/contest

Deadline: 15th April 2021
11:00 AM

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

**WE HAVE GREAT IDEAS
TO MARKET YOUR OWN
Art**

MR. C VINESH
FREELANCE ARTIST

WEBINAR

Meeting link: <https://meet.google.com/fgl-mlqg-ldk>
OPEN TO SCHOOL AND COLLEGE STUDENTS

STUDENT COORDINATORS:
RESHMI PONDURUPU
SUBASHI 9610318636

17th MARCH 2021
AT 5:00 PM & 8:00 PM

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

Dr. M. V. Manojkumar presents

கலகலப்போ ஒரு கலாட்டா

Date: 1-3-2021
Time: 2:00 - 3:00 PM

Actor: George Mariyam

Venue: Thanam Hall

Dr. M. V. Manojkumar
KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

TREASURE HUNT

DATE: 13.03.2021

TIME: 11am-12noon

FACTORY COORDINATORS:
Ms. BRINDHA S

STUDENT COORDINATORS:
SUBASHI 9610318636

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

VOTE N SNAP

Registration link:
http://www.kpriet.org/contest

Deadline: 15th April 2021
11:00 AM

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

Culinary Art

Theme: **TRUSS COOK**

10:30 AM - 12:30 PM
13 March 2021
KALLARANDAM

Event coordinator:
Anusha Prasad C
960045 1028

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

**Webinar on
Basic Elements
of Mehandi Designs**

23rd March 2021
12:00 PM - 1:30 PM

STUDENT COORDINATORS:
SARITHA
THE SHARITHA

STUDENT COORDINATORS:
SARITHA
THE SHARITHA

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

GRAFFIO

**Art Competition
on
INDIA IN 2021**

SEND YOUR EXHIBIT TO
artandcraft@kpriet.ac.in
ON OR BEFORE
15th APRIL 2021

STUDENT COORDINATORS:
RESHMI 9600451028
SUBASHI 9610318636

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

Thulir Club Presents

**VANNAH 2.0
Drawing contest**

Register on:
http://www.kpriet.org/contest

Submit your entries:
From 27.3.2021 to 05.04.2021

STUDENT COORDINATORS:
RESHMI S 1802 4750
SARITHA S 1802 4750

Faculty coordinators:
Ms. Manojkumar
Ms. Manojkumar

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

Covid-19 Awareness Program

Date: 15.03.2021
Time: 3:00pm

Venue:
KPRIET Kallarandam

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

SANGAMAM

KPRIET Drama Club

REELS CONTEST

STORY WRITING

Register on:
http://www.kpriet.org/contest

Deadline: 15th April 2021
11:00 AM

KPRIET Institute of Engineering and Technology
KPRIT, Sangamam
KPRIT Road, Anna, Coimbatore

IGNITERON

IGNITE YOUR THOUGHTS

KPR HAM Club - Amateur Radio Science Center
Organizes a seminar on
Insights of HAM Radio
Date: 13.03.2021 Time: 10.30 a.m. Venue: ECE Seminar Hall

Resource Person
OM. R. Karthikeyan
HAM Club Co-ordinator
Kumaraguru College of Technology, Coimbatore

Student Co-ordinators
Mr. A. Anish Shree
Mr. M. Ajay Kumar

Electronics Club
Circuit Debugging
It is not enough to see the world if you don't share it!

Registration link: <https://bit.ly/3z2K8ag>

Winners are rewarded with amazing prizes

IGNITERON MATH CLUB
Proudly presents
FIBONAGRAPHY

Express an image related to maths that we see in our day to day life and upload in given google form
Last date to submit: 27.04.2021 (05.00 PM)
Results will be on 27.4.2021 @ 1.00 PM

Registration link: <https://bit.ly/328K8LP>

KPR Robotics Club
Organizes an
INDUSTRIAL VISIT

DATE: 13/03/2021
8 PM - 1 PM

Effica Automation
Automation company
Kumaraguru College of Technology
Coimbatore - 641002

Oru hadra sollata sir
ORU HADRA SOLLATA SIR
The answer to every form of your obscurest question is hidden in a 30 second video in less than 7 minutes.
It is a game to be played for more than 30 seconds.
Special thanks to the people from the team below as a single bit will file name as **wordle** and **wordle** folder.

CASH PRIZE - ₹1000

Registration link: <https://bit.ly/328K8LP>

"Experi-MENTAL Analysis"
(Find the mechanism of a reaction)

Registration link: <https://bit.ly/328K8LP>

Date: 13th February, 2021

All college students are eligible to participate
E-certificate will be provided for all the participants

Faculty coordinators:
Dr. Trivedi R. Mandhara (AP/CHEMISTRY)
Mr. V. Gayathri (AP/PHYSICS)

Student coordinators:
Mr. Sathish A - 0379066138
Mr. Abhinavhanu R

KPRIET QUIZ CLUB
Proudly presents
QUIZ MASTER
GENERAL QUIZZES

Registration link: <https://bit.ly/328K8LP>

Date: 13/03/2021
Day: Saturday
Venue: 1st BME (Chem dept)
Time: 10am to 11 am

Faculty Coordinator:
Mr. G. Padmakumar, AP/S/O / ECE
Dr. Kannan, AP / CIVIL

Student Coordinators:
Prasanna V. 96591910
Rishu C.S. 960291648

MATH CLUB
KPRIET
IGNITERON MATH CLUB
Proudly Presents
Mathoquiz

TIME: 5:00 PM - 6:00 PM
DATE: 13/03/2021

EVENT COORDINATORS
M. Anagat - 96396421
Julian - 872017174

Department of Electronics and Communication Engineering & Quiz Club of KPRIET
Proudly Organize
ELECTRO QUIZZABLES
(Language yonned with electronics)

Date: 6/2/2021 to 8/2/2021

All school and college students are eligible to participate

Registration link: <https://bit.ly/328K8LP>

E-certificate will be provided to all the participants

Comar: Dr. M. K. Balaji
Faculty Coordinators: Dr. S. Kannan (AP/EC) Dr. S. Kannan (AP / CIVIL)

Student Coordinators: Prashant S. 95937917
Ajay J. 960291647
Dhanu S.A.

CAMWARS
It is about searching
The main game here is to bring out the full potential/benefit in a different aspect of things we see in our day to day life.
Whoever brings more clues should win!

Date: 23/02/2021 to 28/02/2021
Venue: KPRIET
Faculty Coordinators: Dr. S. Kannan (AP/EC) Dr. S. Kannan (AP / CIVIL)

Student Coordinators: Prashant S. 95937917
Ajay J. 960291647
Dhanu S.A.

KPRIET Quiz Club
Department of Biomedical Engineering
Proudly presents
MIND MARTINS
(Doctor's brain, Engineer's excitement)

Date: 23/2/2021 and 3/3/2021

Registration Link: <https://bit.ly/2MvclH4>

Faculty Coordinators: Mr. G. Padmakumar, AP/S/O / ECE Dr. Kannan (AP / CIVIL)

Student Coordinators: Anandh N. 95174368
Sudhakar M. 9553395017

Space Club
Proudly presents
LAUNCH BLASTOFF
Making craft rocket

Date: 12/03/2021
Time: 10.30 AM - 12.30 AM
Venue: Chemical Department Block

A gift awaits the winners

Faculty Coordinators: Dr. S. Kannan (AP/EC) Dr. S. Kannan (AP / CIVIL)

Student Coordinators: Prashant S. 95937917
Ajay J. 960291647
Dhanu S.A.

KPRIET Robotics Club
Demonstrates on
3D PRINTING OF DOMESTIC COMPONENTS

Resource Person
Mr. P. Arunkumar
AP/MECH,
KPRIET Institute of Engineering and Technology,
Coimbatore.

Date: 13.03.2021 (Saturday)
Time: 10.00 - 11.30 A.M.
Venue: Mechanical Department

For Registration: <https://bit.ly/328K8LP>

Faculty Coordinators: Dr. S. Kannan (AP/EC) Dr. S. Kannan (AP / CIVIL)

Student Coordinators: A. K. R. Harishankar (AP/MECH) - 967943765

KPRIET QUIZ CLUB
proudly presents
AI MIND TWISTER
AI is the new electricity

Participation link: <https://bit.ly/328K8LP>

Date: 31-03-2021 to 1-04-2021

Eligibility: All college students

Faculty Coordinators: Pradeepkumar, AP(Sr. G)/ECE Dr. S. Kannan AP/CIVIL

Student Coordinators: Srivatsa S-9659212140 Charuvi S.A.

Technical Debate
Topic: Advances in world today - A BOON OR BANE

Date: 13/03/2021
Time: 10:00am to 11:00am.
Venue: First year block

Registration link: <https://bit.ly/328K8LP>

Faculty Coordinators: Dr. Trivedi R. Mandhara (AP/CHEMISTRY) Mr. V. Gayathri (AP/PHYSICS)

Student Coordinators: Mr. R. Abhinavhanu Mr. R. Sathish - 0379066138



Science memt

Registration link: <https://bit.ly/328K8LP>

Dates of events: 30/03/2021 to 3/04/2021
E-certificate will be provided to all the participants

Faculty Coordinators: Dr. Trivedi R. Mandhara (AP/CHEMISTRY) Mr. V. Gayathri (AP/PHYSICS)

Student Coordinators: Prashant S. 95937917
Ajay J. 960291647
Dhanu S.A.

LOGO FREAKS
REWIN A LOGO FOR LABOUR DAY FESTIVAL

Upload your logos here: <https://bit.ly/328K8LP>

Date: 27.04.2021 to 30.04.2021

Winners will be announced on May 1, 2021

Faculty Coordinators: Dr. S. Kannan (AP/EC) Dr. S. Kannan (AP / CIVIL)

Student Coordinators: Prashant S. 95937917
Ajay J. 960291647
Dhanu S.A.

கே.பி.ஆர் கல்லூரியில் சொல்லரங்கம்



கே.பி.ஆர் தொழில்நுட்பக் கல்வியியல் முனைவர் அலுவலகத்தில் விருந்தினர் சந்தைப்போட்டி நிகழ்ச்சிக்குப் பின்னர் கல்வியியல் துறைமுகம் அமைந்தது.

முனைவர் பாண்டி, கே.பி.ஆர் தொழில்நுட்பக் கல்வியியல் முனைவர் அலுவலகத்தில் கல்வியியல் துறைமுகம் அமைந்தது. இது கல்வியியல் துறைமுகம் அமைந்தது. இது கல்வியியல் துறைமுகம் அமைந்தது.

Webinar on Infrared Thermography Techniques at KPRIET



KPRIET Institute of Engineering and Technology conducted the INSGT Sponsored Webinar on Recent Advancement in Infrared Thermography Techniques for Electrical Panels.

The Covai Mail reported on a webinar conducted by KPRIET on Infrared Thermography. The webinar was sponsored by INSGT and focused on the latest advancements in this field for electrical panels.

கே.பி.ஆர் கல்லூரியில் வேலைவாய்ப்பு நாளி



கே.பி.ஆர் கல்லூரியில் வேலைவாய்ப்பு நாளி நடைபெற்றது.

A career fair was held at KPRIET, where students and faculty members interacted with various organizations to explore job opportunities. The event was a success, with many students securing internships and job offers.

AFTERNOON SATURDAY 13 MARCH 2021 COIMBATORE - PAGE NO.3

KPRIET students renovate bus stop at Kaduvetti Palayam



A group of KPRIET students and faculty members volunteered to renovate a bus stop at Kaduvetti Palayam. The project was completed successfully, and the bus stop is now in better condition.

தினமணி

கே.பி.ஆர். கல்லூரியில் கிராமிக் டிசைன் பட்டம் படிப்புக்கு புரிந்துணர்வு ஒப்பந்தம்

An MoU was signed between KPRIET and a local organization to provide training in graphic design for students. This initiative aims to equip students with practical skills in the field of design.

Coimbatore team to take part in global entrepreneurship contest

A team from KPRIET is participating in a global entrepreneurship contest. The team has developed a innovative idea and is looking forward to competing with other teams from around the world.

தினமணி

சர்வதேசப் போட்டிக்கு கே.பி.ஆர் கல்லூரி மாணவர்கள் தேர்வு

Students from KPRIET have been selected to participate in an international competition. The school is proud to have such talented students who are representing the institution on a global stage.

இந்து

கே.பி.ஆர் கல்லூரி - மாணவர்கள் தேர்வு

Students from KPRIET have been selected for a competition. The school is proud to have such talented students who are representing the institution on a global stage.

தினமணி

சர்வதேச போட்டியில் பங்கேற்க கே.பி.ஆர். மாணவர்கள் தேர்வு

Students from KPRIET have been selected to participate in an international competition. The school is proud to have such talented students who are representing the institution on a global stage.

Engg college to get cinematics centre

A new center for cinematography is being established at KPRIET. This center will provide students with the latest technology and training in the field of cinematography.

கேர்ஆர் கல்வி நிறுவனத்தில் இலவச கன் பிர்யோதனை

A free counseling center has been set up at KPRIET. This center will provide students with guidance and support in their academic and personal lives.

மக்கள் குரல்

A section titled 'People's Voice' featuring student feedback and opinions. It provides a platform for students to express their views on various issues related to the college.



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, NAAC "A")