



RMK COLLEGE OF ENGINEERING AND TECHNOLOGY



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பொது அறிவு

தமிழ்நாடு

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



**RMK COLLEGE OF ENGINEERING AND TECHNOLOGY**
R.S.M Nagar, Pudukkottai-601206.**Department of Electronics and Communication Engineering****Vision:**

To excel in the field of Electronics and Communication Engineering to contribute to the knowledge economy and betterment of human life.

Mission:

- To develop the state-of-the-art infrastructure for quality education.
- To build up a team striving for excellence in teaching and research.
- To ensure greater research collaborations with industries and organizations.
- To strengthen social responsibilities and values.

Program Outcomes (POs):

Engineering Graduates will be able to:

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage independent and life-long learning in the broadest context of technological change.

Program Educational Objectives (PEOs):

Graduates of Electronics and Communication Engineering program will

PEO1: Excel in their professional and technical career and pursue higher education to be Globally competent

PEO2: Evaluate the real world problems and provide with technically feasible and economically viable solutions

PEO3: Continuously update technologies through lifelong learning

PEO4: Exhibit effective communication skills and professionalism in diverse environments

Program Specific Outcomes (PSOs):

After successful completion of the B.E degree program, the graduates will be able to

PSO1: Develop and test electronic systems for given specifications

PSO2: Design and analyze the signal processing systems as per the requirements

PSO3: Apply appropriate technology for the implementation of modern communication systems

JAN- DECEMBER 2020

NATIONAL CONFERENCE:

- The ECE Department Conducted IET, YPS Chennai Network and IEEE Madras Section sponsored Ninth National Conference on **“Recent Advancements in Signal Processing and Communication (NCRASPC - 2020)”**, on 17.02.2020. It was inaugurated by the Chief Guest Shri. **Mr. Muthukumar M**, Business Head - IOT Product & Solution – BOSCH, Chennai.



ECE ONLINE WEBINARS:

- Ten days Webinars were organized by the Department, to enhance the knowledge in the VLSI domain, by **Mr. Babu M**, Assistant professor, ECE Department, RMKCET. from 11.4.2020 to 23.04.2020.



- ECE Department conducted Online Webinar on the topic **“INDIAN REGIONAL NAVIGATION SATELLITE SYSTEMS”**, resource person was **Mr. Arun Sundar M**, Scientist, DRDO, Chennai, from 10.00AM to 11.00 AM on 02.05.2020.

NATIONAL WORKSHOP:

The Department conducted:

- Two days IEEE STB20131 Technically Sponsored Workshop on **“Ethical Hacking Workshop 2K20”**, by **Ms. Sheela Chowdary**, Program director, Project Lead & Director of APLIHS software solutions, Hyderabad, Telangana, on 19.02.2020 and 20.02.2020.



- ECE Department conducted Online Webinar on the topic “DEEP LEARNING FOR NATURAL LANGUAGE PROCESSING”, resource person was **Dr. Anand Kumar M, NIT, Karnataka**, from 10.30 AM to 12.30 PM on 12.05.2020.



- ECE Department conducted Online Webinar on the topic “LIGHT HOUSE TO STUDY ABROAD”, resource person was **Dr. Gnanavathe A, IRA New Academy of Skills, Chennai**, from 11.00 AM to 12.30 PM on 15.05.2020.



- ECE Department conducted Online Webinar on the topic “IoT Architecture & Real –Time Industrial use cases”, resource person was **Mr. Lakshmi Narasimhan L, Technical Architect, CISCO Bangaluru**, from 11.00 AM to 12.30 PM, on 21.05.2020.



- ECE Department conducted Online Webinar on the topic “AUGMENTED & VIRTUAL REALITY” resource person was **Mr. Vijayarajan R, CEO MAX, Chennai**, from 11.00 AM to 12.30 PM, on 23.05.2020.



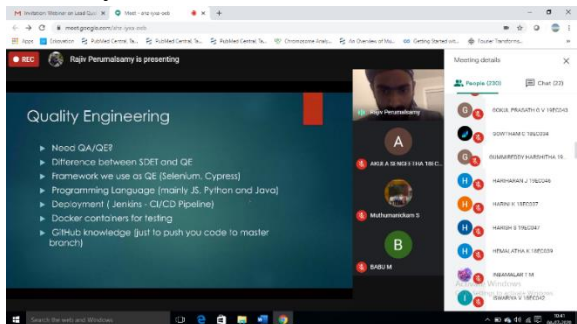
- ECE Department conducted Online Webinar on the topic “APPLICATIONS OF SPECIALITY OPTICAL FIBERS & PHOTONIC IC’s” resource person was **Dr. Thavasi Raja, NIT, Tiruchy**, from 11.00 AM to 12.30 PM on 25.05.2020.



- Online IEI SPONSORED WEBINAR on the topic **“TIPS TO CRACK INTERVIEW PROCESS BY ALUMNI EXPERTS”** were given by Alumni Experts **Mr. Prakash Naveen, Ms. Nancy Blessy, Ms. Kayalvizhi, Ms. Monika Christina and Mr. Karthik S R.,** from 11.00 AM to 12.30 PM on 15.09.2020.



- **Mr. Rajeev Perumalsamy, Quality Engineer, Zenefits Development Inc., Vancouver, BC, Canada,** presented a webinar titled **"Lead Quality Engineer"** on 04.07.2020 for 2nd, 3rd and final year students.



- Online Webinar on **“Networking – Routing and Switching”**, was conducted on 14.10.2020. The Resource Person was **Ms. Manisha Arumugam (Alumni), Software QA Engineer, ARUBA Networks.**



- The ECE Department organized A two days Industrial Online Training session on, **"Real-time Embedded System Programming"** on 03.09.2020 and 08.09.2020 for Final Year ECE Students. The Resource Person was **Mr. Mohammed Hussain, Senior Application Engineer, STARCOM.**



- **Mr. S. Bala Subramanian, Senior Director, Cognizant,** presented a webinar on **"How To Be Industry Ready?"** on 19.10.2020.



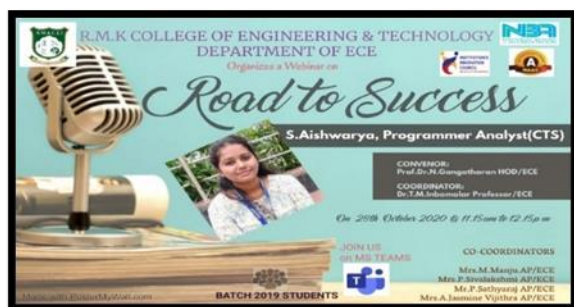
- Mr.Kiran R, Software Engineer Trainee, CODA, presented a webinar on "Lets CODE: Why Coding Literacy is important Today" on 24.10.2020, from 11:00 am-12:00 pm for 3rd year ECE students.



- Ms.Revathy G., Pursuing M.Tech, Embedded Systems (Pursuing), IIT Pune, gave a presentation on, "Preparation Strategy For Gate Exam" on 03.11.2020.



- Online Webinar on "Road to Success", Resource Person was Ms. Aishwarya S., Programmer Analyst (CTS) (Alumni), It was conducted on 28.10.2020 from 11.15 AM to 12.15PM for all the second year (2019-2023) batch students.

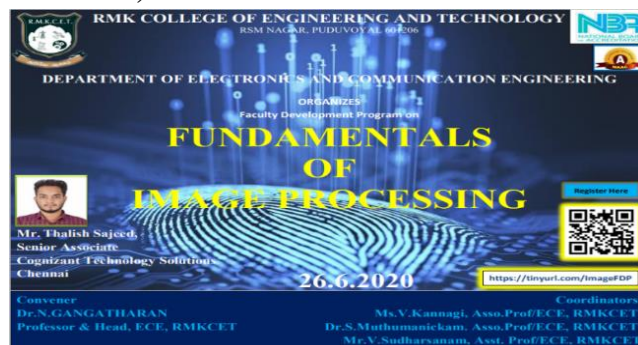


- Online Webinar on "Importance of Fundamentals in Programming", Resource Person was Ms. Kavitha S., Programmer Analyst (TCS) (Alumni), It was conducted on 29.10.2020 for all the second year (2019-2023) batch students.



FACULTY DEVELOPMENT PROGRAM:

- ECE Department conducted Online Faculty Development Program on the topic "Fundamentals of Image Processing", resource person was Mr. Thalish Sajeed, Senior Associate, Cognizant Technology Solutions, Chennai, on 26.06.2020.



SHORT TERM TRAINING PROGRAMME:

The ECE Department Conducted AICTE Sponsored Six Days Short Term Training Programme (STTP) on the topic "Supervised and Unsupervised Machine Learning Using Google Cloud", it was conducted in three different slots: First Slot 12th to 17th Oct. 2020, Second Slot 02.11.2020 to 07.11.2020, and the Third Slot: 16.11.2020 to 21.11.2020.



INDUSTRIAL VISITS:

1. III ECE B and C section students visited **"SHAR", Sriharikotta**, on 27.01.2020.



2. III Year A, B and C section students visited **"National Small Industries Corporation (NSIC)", Chennai**, on 05.02.2020.



3. II Year A, B, C and D section students visited **"National Small Industries Corporation (NSIC)", Chennai**, on,06.02.2020.



4. III Year C section students visited **" National Atmospheric Research Laboratory (NARL)", Ennore**, on 14.02.2020.



5. III Year A, B and C section students visited **"The National Institute of Ocean Technology (NIOT)", Chennai**, on 21.02.2020.






INPLANT TRAINING:

1. **Maheswarla Sree Mouna.**, of II year underwent In-plant training, at **BSNL, Nellore**, from 24.12.2019 to 11.01.2020.
2. **Namburi Priyanka., Nambaka Puja Saini and Pagadala Charmitha.**, of II year underwent In-plant training, at **BSNL, Nellore**, from 26.12.2019 to 13.01.2020.

3. **Talluri Sri Chandana.**, of II year underwent In-plant training, at **BSNL, Nellore**, from 27.12.2019 to 13.01.2020.

STUDENT ACTIVITIES:

***HEARTY CONGRATULATIONS TO ALL THREE STUDENTS !!!
Anna University Rank Holders 2016-2020 Batch***

S.NO	REG.NUMBER	CGPA	RANK	STUDENT
1	111616106070	9.10	16	 MALLAVARAM GOWRI PRIYA REDDY
2	111616106056	9.04	21	 KEERTHI B
3	111616106153	9.02	23	 SWETA R

PAPER PUBLISHED IN JOURNAL:

1. Gangatharan N., **Manisha G., Madhumitha P., Manisha A and Kirthika N.**, “Anti-theft cyber threat intrusion detection”, Journal of Xidian University, Vol. 14. No. 4, April 2020, pp.3975 - 3985, DOI: <https://doi.org/10.37896/jxu14.4/435>.
2. Babu M., **Shamala Devi G., Yamini Krishna M., Viswa Prasanna M and Iswarya N.**, “Image Encryption Using Chaotic Maps and DNA Encoding”, Journal of Xidian University, Vol. 14, No.4, April 2020, pp. 4479 - 4485, DOI: <https://doi.org/10.37896/jxu14.4/206>.
3. Kannan K., **Sai Kumar N, Logith E, Manoj Kumar R and Surya Prakash O.**, “An Internet of Things Based Smart Irrigation using Solenoid Valve”, International Journal of Recent Technology and Engineering, Vol. 9, No. 1, May 2020, pp. 2018-2023. DOI:10.35940/ijrte.A1979.059120.
4. Arun C., Shaik Hedayath Basha., **Lakshman Sivakumar D., Mohamed Rizwan M E and Prem Kumar M R.**, “Secured Image Transmission Using Elliptic Curve Cryptography (ECC)”, Journal of Xidean University, Vol. 14, No. 5, May 2020, pp. 3572 - 3579, DOI: <https://doi.org/10.37896/jxu14.5/400>.
5. Arun C., **Lavanya L., Mohana Venkata Ramana S., Nikhil Shivanand K and Niveditha G.**, “Application of Machine learning algorithms for the prediction of liver disease”, Journal of Xidean University, Vol. 14, No. 5, May 2020, pp. 4479 - 4485, DOI: <https://doi.org/10.37896/jxu14.5/490>.
6. Kannagi V., **Aarthi S., Aishwarya S S., Devipriya G and Hemadarshni H.**, “Advanced Vehicle Security and Location Sensing System by using a Single Wireless Device RSSI”, International Journal of Recent Technology and Engineering, Vol.9, No. 1, May 2020, ISSN 2277-3878, pp. 1554-1559. DOI:10.35940/ijrte.A2287.059120.
7. Jasmine Vijithra A., **Deepeka B, Sri Vaishnavi E, Srivani K, Gattu Bindhu**, “Design of Zipper Antenna for women safety”, International Journal of Innovative Technology and Exploring Engineering, Vol. 9 No. 8, June 2020.
8. Manju M., **Swetha S., Sravani U., Sri Sravani V and Syed Ali Fathima M.**, “Detection Of Leaf Health To Increase The Crop Yield Rate In Agriculture Field Using Digital Image Processing”, International Journal of Innovative Research in Technology, Vol. 7, No. 1, pp. 391 - 395, June 2020.
9. Shaik Hedayath Basha., **Vinodh Kumar R., Teekaaram V., Vishnu N and Kamalesh R.**, “Semi-Fragile Watermarking with Tamper Localization and Recovery using AMBTC Method”, International Journal of Engineering and Advanced Technology (IJEAT), Vol. 9, No. 5, June 2020, pp. 54-59, DOI: 10.35940/ijeat.E9263.069520.
10. Kannan K., **Surya Kumar P, Praveen Kumar V, Purushothaman V and Ramanand D.**, “Vehicle to Vehicle Communication using Assisted Global Positioning System in Vehicular Ad Hoc Network”, International Journal of Innovative Technology and Exploring Engineering, Vol. 9 No. 8, June 2020, pp. 311-315. DOI: 10.35940/ijitee.F4809.069820.
11. Aishwarya N., Praveena NG., **Rajalakshmi B., Reshma R., Rizwana Begam B and Sowmya D.**, “Detection of Brain Tumour by Image Fusion based on Convolutional Neural Network”, International Journal of Advanced Science and Technology Vol. 29, No. 6, June 2020, ISSN: 2005-4238, DOI: <http://sersc.org/journals/index.php/IJAST/article/view/20097>, pp. 6500– 6509 (**SCOPUS Indexed**).

12. Shanthi KG., **Jaisree S M., Mallavaram Gowri Priya Reddy., Maalavi A S and Lakshmipraba P., "Smart Vision using Machine learning for Blind"**, International Journal of Advanced Science and Technology Vol. 29, No. 5, June 2020,ISSN:2005-4238, pp. 12458-12463. **(SCOPUS Indexed)**.
13. Shanthi KG., **Keerthi B., Manimegalai S., Nisha A and Niviya B R., "Different artificial olfaction techniques - electronic nose"**, Journal of Critical Reviews, Vol. 7, No. 9, June 2020, ISSN- 2394-5125, pp.539-543. **(SCOPUS Indexed)**
14. Deepa D., **Jaswanth G., Vishnu Sai G., Hemanth M and Lalith Babu I., "NS2 DOS Defence for Resource Availability in Wireless Sensor Networks"**, International Journal of Advanced Science and Technology Vol. 29, No. 7, June 2020, ISSN:2005-4238, pp.3471-3478 **(SCOPUS Indexed)**.
15. Vijay Anandh R., **Lithan Kumar A. ,Kishore Kumar D., Jose Starley A., Jayakumar T., "A Novel Approach In Bus Tracking System Based On Global Positioning System"**, Journal of Xidian University , Vol 14, Issue 7,July 2020,pp.1920-1926.
<https://doi.org/10.37896/jxu14.7/222>.
16. Nimitha N. , **Nisha E., Niveditha M., Naidu Neha and Pabbareddy Sai Sumyuktha., " IOT based implementation of self-sufficient glaucoma detection and classification using fundus image of eye by CNN method"** Journal of Xidian University Vol.14, Issue 7, July 2020, <https://doi.org/10.37896/jxu14.7/020>.
17. Babu M, **Sushmitha J, Veeramreddy Mounika, Yamini G, "Augmented reality glass for hearing impaired People"**, Journal of Xidian University Journal, Volume 14, issues 7, July 2020.
18. Jai Ganesh S, **Yashwin Kumar H, Ravishankar N , Pavan G, "Alcohol detection and vehicle control"**, Journal of Xidian University, VOLUME 14, ISSUE 8, August 2020, ISSN No:1001-2400, Page No: 45 - 62.
19. Vijayanand R., **Sriram N.,Senthil A., Rohit Kumar R., Sakthivel G., "Smart Surveillances using PIR Sensors"**, International Journal of Innovative Research in Technology, Volume 7 Issue 4,September 2020,pp.224-227.Unique Paper ID: 150261,ISSN: 2349-6002,UGC approved journal no 47859.
20. Inbamalar TM., **Jayashree T., Jayashree D and Jayakrishnan VS, An Improved Method for Detection of Laryngeal Cancer and Its Stages**, Lecture Notes in Electrical Engineering book series, Springer (LNEE),Vol 673,September 2020. **(SCOPUS Indexed)**.
21. Rajagopal R., **Prasanth.S. R, Sharath.S, Raghul.D, Saivel.M., " Smart Traffic Density-Based Signal Controller"**, International Journal of Innovative Research in Technology, Volume 7, Issue 4 | ISSN: 2349-6002.
22. Bharatha Sreeja G.,**Mubeen Begum.,Venkata Sravya., Dhivya K., Jayashree R., "Issues with perimeter based network security and a better model to resolve them"**, European Journal of Molecular and Clinical Medicine, 2515-8260, Vol 7,issue 9,December 2020. **(SCOPUS Indexed)**.

PAPER PRESENTED IN CONFERENCE:

1. Muthumanickam S., **Kiran Vishnu, "Hardware implementation of Real time video watermarking using DWT and SVD in FPGA"**,5th International Conference on Microelectronics Computing & Communication Systems (MCCS-2020),Ranchi,11.07.2020.

2. Muthumanickam S., Saranya, Perezhil, Sangeetha, "Detection of Breast cancer lesions using Deep learning", 5th International Conference on Microelectronics Computing & Communication Systems (MCCS-2020), Ranchi, 12.07.2020.
3. Aishwaray N., Praveena NG., Akash Arumugam B S, Pramod J., "Photo Book Creation Using Face Recognition And Machine Learning", Virtual International Conference on Futuristic Communication and Future Technologies, at VIT University, Chennai, on 6.11.2020-7.11.2020.
4. Bharatha Sreeja G., Mubeen Begam Saleem, Podili Sai Dinesh, "Issues with perimeter-based network Security and a better model to resolve them" in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020, SIEST'20 held at Jegannath Institute of Technology on December 27th, 2020. **Won Best Presented Award.**
5. Panta Nishith Reddy and Bharatha Sreeja G., "Li-Fi over Wi-Fi in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020, SIEST'20 held at Jegannath Institute of Technology, on December 27th, 2020. **Won Best Presented Award.**
6. Namburi Priyanka and Bharatha Sreeja G., "Augmented Reality" in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020, SIEST'20 held at Jegannath Institute of Technology, on December 27th, 2020. **Won Best Presented Award.**
7. Podili Sai Dinesh and Bharatha Sreeja G., "Advanced technology for Human Vision using Bionic Eye" in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020,

SIEST'20 held at Jegannath Institute of Technology on December 27th, 2020. **Won Best Presented Award.**

COURSERA Courses and ICT LEARNATHON Courses Completed

- ECE students have completed 161 Coursera courses as on 03.10.2020.
- 133 students have received LEARNATHON 2020 Certificates during May 2020 to June 2020.

STUDENT ACTIVITY

(ACADEMIC- In Symposium, Seminar, Webinar, Workshop & Training- Participated and Laurels Won)

1. Jai karthick S., of II year attended the event "Casa de papel" in Symposium (Saankethika 2020) and **won I PRIZE**, at RMD Engineering College, on 03.02.2020.
2. Rithika M., Durga P and Sakthi Priya M., of III year attended Symposium on "Paper Presentation and Project Display", at S A Engineering College, on 08.02.2020.
3. Mohamed Wasim A., Yukeshkumar R., of III year attended "Course on Introduction to Python", by Datacamp, on 03.04.2020.
4. Chilaka Preethi., of III year attended quiz on "Covid-19 Pandemic General Awareness", at Chandigarh Group of Colleges, on 12.04.2020.
5. Lalith Kumar S., Manikanta Sai Venkatesh P and Yuvasri K., of III year attended Webinar on "Indian Regional Navigation Satellite System", at RMKCET, on 02.05.2020.
6. Aruna T., of III year attended Webinar on "Indian Regional Navigation Satellite System", at RMK College of Engineering and Technology, on 02.05.2020.

7. **Lalith Kumar S., Manikanta Sai Venkatesh Pand Yepuru Vinay.,** of III year attended Webinar on “**Deep Learning For Natural Language Processing**”, at RMKCET, on 12.05.2020.
8. **Yukeshkumar R.,** of III year attended Course on “**Intermediate Python**”, by Datacamp, on 13.05.2020.
9. **Yepuru Vinay.,** of III year attended Webinar on “**Light House To Study Abroad**”, at RMKCET, on 15.05.2020.
10. **Manikanta Sai Venkatesh P.,** of III year attended **Quiz on “Test Your Knowledge on Plagiarism**”, at Office of Dean, on 19.05.2020.
11. **Bavani M.,** of III year attended Webinar on “**Research Enhance Methodology and Search Techniques**”, by IEEE, on 20.05.2020.
12. **Aruna T.,** of III year attended Webinar on “**Future of AI, Development of Deep Learning Architecture**”, by IETE-MUMBAI, on 20.05.2020
13. **Sanjana K.,** of II year attended IEDE webinar on “**Covidya (design thinking-incubation-innovation)**”, at R.M.K group of Institutions, on 21.05.2020.
14. **Aruna T.,** of III year attended Webinar on “**Artificial Intelligence And Robotics**”, at AVC College of Engineering, on 22.05.2020.
15. **Aruna T.,** of III year attended Webinar on “**Resume Building How To Write I Don't Know In A Resume**”, at RMK College of Engineering and Technology, on 24.05.2020.
16. **Akula Sangeetha.,** of III year attended Webinar on “**Prevention of Disease Control Through Solid Waste Management**”, at K.Ramakrishnan College of Technology, on 27.05.2020.
17. **Aruna T.,** of III year attended Webinar on “**Prevention of Disease Control Through Solid Waste Management**”, at K.Ramakrishna College of Technology, on 27.05.2020.
18. **Aruna T.,** of III year attended Webinar on “**IOT and Its Applications**”, at M.M.E.S Women's Arts and Science College, on 27.05.2020.
19. **Aruna T.,** of III year attended Webinar on “**Introduction To The World Of Cybersecurity**”, at Jaya Group of Institutions, on 28.05.2020.
20. **Aruna T.,** of III year attended Webinar on “**Indian Regional Navigation Satellite System**”, by IETE-MUMBAI, on 30.05.2020.
21. **Abinaya K., Bavani.M, Aruna T.,** of III year attended Webinar on “**Recent Trends In Information Technology**”, at CMS College of Engineering and Technology, from 03.06.2020 to 05.06.2020.
22. **Chilaka Preethi.,** of III year attended Webinar on “**Industry Led Training on Amazon Web Services**”, at RMK Engineering College, from 04.06.2020 to 05.06.2020.
23. **Chilaka Preethi., Bavani M.,** of III year attended Webinar on “**Virtual Classes**”, at Sri Eshwar College of Engineering, on 08.06.2020.
24. **Chiru Dhanushya Paani Ch.,** of III year attended Course on “**Introduction to Python**”, by Datacamp, on 10.06.2020.
25. **Aruna T.,** of III year attended Webinar on “**Organizational & Consumer Applications on IoT**”, at Greater Noida Institute of Technology, on 10.06.2020.
26. **Lalith Kumar S.,** of III year attended Webinar on “**Python Programming Webinars - 45 Sessions**”, at RMKCET, on 11.06.2020.
27. **Yepuru Vinay.,** of III year attended Webinar on “**Building A Successful Career After Engineering**”, by IEEE Malabar Hub, on 11.06.2020.
28. **AAjeeth K., Akash Arumugam B S and Chilaka Preethi.,** of III year attended Student Development Program on “**Awareness of Design Thinking Toolkit and its Importance**”

- to Scalable Innovation”, by Institution's Innovation Council, on 13.06.2020.
29. **Akash Arumugam B S., Amir Abbas S., Bhakiya Lakshmi S and Aruna T.,** of III year attended Webinar on “**Application Design of Brain Computer Interface**”, at Adamas University, on 13.06.2020.
 30. **Akula Sangeetha., Bhakiya Lakshmi S., Bavani Mand Aruna T.,** of III year attended Webinar on “**Design And Development of High Popwer Audio Amplifier For Home Theaters**”, at Vellore Institute of Technology, Chennai, on 14.06.2020.
 31. **Bhavatharini Vand Aruna T.,** of III year attended Webinar on “**IoT Using Arduino**”, at Dr.Shyama Prasad Mukherjee University, on 16.06.2020.
 32. **Aruna T and Chandana S.,** of III year attended Webinar on “**IOT using Raspberry Pi**”, at Institute of Engineering and Technology, on 19.06.2020.
 33. **Chilaka Preethi.,** of III year attended Webinar on “**Solar Based Treatment and Recovery System**”, at SCAD College of Engineering &Technology, on 19.06.2020.
 34. **Bavani M and Aruna T.,** of III year attended Webinar on “**Water Distribution Network Models Using Epanet**”, at Bapatla Engineering College, on 19.06.2020.
 35. **Atrambakam Lekha Sree.,** of III year attended Webinar on “**Stack Development With Django**”, by Regex Software Services, on 22.06.2020.
 36. **Bhakiya Lakshmi S and Aruna T.,** of III year attended Webinar on “**IoT Using Node MCU**”, at Shiv Kumar Singh Institute of Technology and Science, on 23.06.2020.
 37. **Aruna T.,** of III year attended Webinar on “**Design of Brain Controlled Applications**”, at Dr.B.R.Ambedkar National Institute of Technology Jalandhar, on 26.06.2020.
 38. **Aruna T and Chilaka Preethi.,** of III year attended Webinar on “**Face Recognition Using Deep Learning**”, at Balaji Institute of Technology and Science, Warangal, on 30.06.2020.
 39. **Yuvasri K.,** of III year attended Online Quiz on “**Signal Processing And Application**”, by IEEE Signal Processing Society-Madras Chapter, on 30.06.2020.
 40. **Amir Abbas., Chilaka Preethi., Aruna T.,** of Third Year attended a webinar on "**Image Processing And Applications**", at Aimit St . Aloysius College, on 03.07.2020.
 41. **Mohamed Wasim A.,** of Third Year attended a course on " **Introduction to Machine Learning", Intermediate Python" and Introduction to SQL**", at Data camp, on 03.07.2020.
 42. **Mohamed Wasim A** of Third Year attended a course on " **Introduction to Databases in python", " Unsupervised learning in Python", Introduction to Deep Learning in Python**", at Data camp, on 04.07.2020.
 43. **Mohamed Wasim A.,** of Third Year attended a course on “**Preprocessing for Machine Learning in Python**”, at Data camp, on 05.07.2020.
 44. **Aruna T and Chilaka Preethi,** of Third Year attended a course on “**Natural Language Processing**”, at Siddhaartha Institute of Technology & Science, on 07.07.2020.
 45. **Bhavani M.,** of Third Year attended a webinar on "**Wireless Communication**", at Francis Xavier Engineering College, on 08.07.2020.

46. **Mohamed Wasim A.**, of Third Year attended a course on "**Machine Learning For Time Series Data in Python**", at Data camp, on 10.07.2020.
47. **Aruna T.**, of Third Year attended a webinar on "**An IEEE 3 Day seminar Series**", at St.Joseph's Institute Of Technology, from 11.07.2020 to 13.07.2020.
48. **Bhavani M.**, of Third Year attended a webinar on "**Awareness of Design Thinking Toolkit and its Importance to Scalable Innovation**", at Institutions Innovation Council, on 13.07.2020.
49. **Akash Arumugam B S, Bhakiya Lakshmi S, Aruna T** of third year attended a webinar on "**Computer Vision Application Design**", at Atria Institute of Technology, on 14.07.2020.
50. **Aruna T** of third year attended a webinar on "**Virtual Reality**", at St.Joseph's Institute of Technology, on 14.07.2020.
51. **Manikanta Sai Venkatesh P.**, of Third year attended a course on "**Empowering Industry 4.0 with Artificial Intelligence**", at Nokia Network and Solutions India Pvt. Ltd., from 15.07.2020 to 21.07.2020.
52. **Manikanta Sai Venkatesh P.**, of Third year attended a industrial Visit on "**Virtual Industrial Visit**", at Nokia Network And Solutions India Pvt. Ltd., on 17.07.2020.
53. **Chilaka Preethi & Aruna.T.**, of Third year attended a Webinar on "**Robotics Operating Systems**", at Adama Science & Technology University, on 17.07.2020.
54. **Mohamed Wasim A.**, of Third Year attended a course on "**Introduction to Predictive Analytics in Python**", at Data camp, on 19.07.2020.
55. **Aruna.T., Bhakiyalakshmi S.**, of Third year attended a Course on "**Brain Computer Interface and Research Opportunities**", at Aissms Institute of Information Technology ,on 21.07.2020.
56. **Aruna.T., Bhakiyalakshmi.S.**, of Third year attended a Course on "**Full Stack Development With Django**", at Regex Software Services, on 22.07.2020.
57. **Bhavani .M** of Third year attended a Course on "**Full Stack Development with Django**", at Regex Software Services on 23.07.2020.
58. **Aruna.T.**, of Third year attended a webinar on "**IIOT Industry 4.0**", At Shree Ramachandra College of Engineering, on 25.07.2020.
59. **Chandana S.**, of Third year attended a Course on "**Full Stack Development With Django**", at Regex Software Services, on 27.07.2020.
60. **Aruna.T.**, of Third year attended a webinar on "**Autonomous Vehicle Technology**", at KI Deemed to Be University, on 28.07.2020.
61. **Atrambakam Lekha Sree, Akula Sangeetha and Aruna T.**, of Third year attended webinar on "**Digital Transformation**", at Sri Eshwar College of Engineering, on 29.07.2020.
62. **Aruna.T and Chilaka Preethi.**, of Third year attended a webinar on "**Machine Learning Applications Using Python**", at KI Deemed to Be University, on 04.08.2020.
63. **Aruna.T.**, of Third year attended a webinar on "**Internet of Things Using Raspberry Pi**", at Rajiv Gandhi College of Engineering Research and Technology, Chandrapur, on 05.08.2020.
64. **Aruna T.**, of Third year attended a webinar on "**Brain Computer Interface**", at Kongu Engineering College, Erode, on 08.08.2020.
65. **Akash V.**, of Second Year attended a Training on "**Smart Aptitude**", at SMART, from 10.08.2020 to 19.08.2020.
66. **Aruna T.**, and Amir Abbas., of Third year attended a webinar on "**Grid Tie Inverter Design**", at SJB Institute of Technology, on 12.08.2020.

67. **Aruna T.**, of Third year attended a webinar on **“Choosing the Right Processor for Embedded Application”**, at KI Deemed to Be University, on 13.08.2020.
68. **Yepuru Vinay.**, of Third Year attended a webinar on **“ANDROID APP Development”**, at St.Joseph College of Engineering , on 15.08.2020.
69. **Akash V.**, of Second Year attended a Technical Event on **“TCS Code Vita contest”**, at TCS, from 15.08.2020 to 16.08.2020.
70. **Chilaka Preethi.**, of Third year attended a webinar on **“E-Health System”**, at Rajalakshmi Engineering College, on 16.08.2020.
71. **Aruna T.**, of Third year attended a webinar on **“Hardware Security”**, at KI Deemed University, Vijayawada, on 18.08.2020.
72. **Manikanta Sai Venkatesh P.**, of Third year attended a Quiz on **“Block Chain Management Quiz”** , at Techiegen, on 21.08.2020.
73. **Yepuru Vinay.**, of Third Year attended a course on **“Industry Automation and Robotics”**, at Christ University, on 24.08.2020.
74. **Yukeshkumar R.**, of Third Year attended a course on **“Introduction To SQL, Introduction To Databases In Python, Unsupervised Learning In Python, Introduction To Deep Learning In Python, Machine Learning For Time Series Data In Python , Introduction To Predictive Analysis In Python”** , at DataCamp, on 31.08.2020 .
75. **Ashwin R., Abinaya K.**, of Third Year attended a technical event on **Covid Tickets** at IBM Hackathon, from April 2020 to August 2020.
76. **Yukeshkumar R., Yeshvanthini R., Vishmitha., Yuvasri of Third Year Akash V., Dhanasekar T, Deepak Kumar A and Chinthalapudi Pavan** of Second Year attended a Quiz competition on **“E-Quiz On Mathematical Skills”**, at RMKEC, on 01.09.2020
77. **Mohamed Soaib S.**, of Final Year attended a course on **“Python Development & Machine Learning”** , at Code Quest, from 01.09.2020 to 30.09.2020.
78. **Atrambakam Lekha Sree.**, of Third Year attended a webinar on **“Machine Learning applications using Python”**, at KL Deemed to University, on 04.09.2020.
79. **Akash V., Rasika.M.**, of Second Year attended a webinar on **Innovation & Startup**, at RMKEC, on 04.09.2020.
80. **Aruna T.**, of Third Year attended a Quiz competition on **“E-Quiz on Mathematical Skills”**, at RMKEC, on 05.09.2020.
81. **Yuvasri K.**, of Third Year and Keerthana B., of final year attended a Quiz competition on **“Unique Teaching Idols of India”**, at RMKCET, on 05.09.2020.
82. **Akash V.**, of Second Year attended a Technical event on **“Project Competition”**, at RMKEC, on 07.09.2020.
83. **Bakiyalakshmi.S.**, of Third year attended a course on **“Six Sigma Principle”**, at University system of Georgia, on 12.09.2020.
84. **Bakiyalakshmi.S.**, of Third year attended a course on **“Introduction and programming with IOT boards”** , at University system of Georgia ,on 13.09.2020.
85. **Yuvasri K.**, of Third Year attended a Hackathon on **“IBM Hackathon Contest”**, at IBM, on 22.09.2020.
86. **Yepuru Vinay.**, of Third Year attended a course on **“Python Programming”**, at udey, on 22.09.2020.
87. **Manikanta Sai Venkatesh P.**, of Third year attended a course on **“Introduction to Phycology”**, at Lore, on 01.10.2020.

88. **Mohanraj A.**, of final year attended a workshop on “**Better Thermal Management system**”, at Skill Lync, on 05.11.2020.
89. **Muthuselvan S.**, of final year attended a workshop on “**Power Electronics**”, at Skill Lync., on 08.11.2020.
90. **Muthuselvan S.**, of final year attended a workshop on “**CMOS Sensors, Cameras and Autonomous System**”, at Skill Lync, on 24.11.2020.

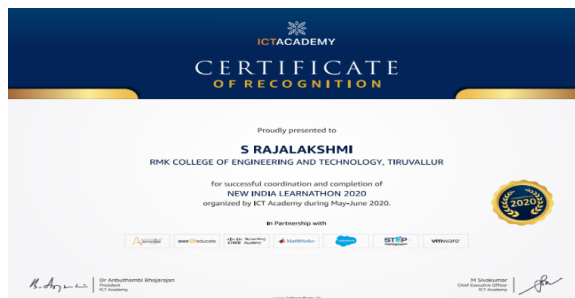
STAFF ACTIVITIES:

PATENT FILING

- **Dr. Gangatharan N., Prof & Head., Dr. Praveena NG., Assoc. Prof and Dr. Aishwarya N., Asst. Prof.**, filed a patent titled “**An IoT based Engine Oil Impurities and Quantity Monitoring System**” in June 2020.
- **Dr. Gangatharan N., Prof & Head., Dr. Shanthi KG., Prof., Dr. Inbamalar TM., Prof., Ms. Sesha Vidhya S., Assoc. Prof and Mr. Babu M., Asst. Prof.**, published a patent titled “**Animal Intrusion Identification System in Plantation Fields using Machine Learning Techniques**” in October 2020.
- **Dr. Kannan K., Assoc. Prof., Dr. Deepa D., Asst. Prof and Mr. Sathyaraj P., Asst. Prof.**, published a patent titled “**QoS Routing Protocol Design for Manets**” in November 2020.
- **Dr. Gangatharan N., Prof & Head., Dr. Inbamalar TM., Prof and Ms. Jasmine Vijithra A., Asst. Prof.**, filed a patent titled “**Powerful wearables for women safety**” in December 2020.

STAFF AWARDS/RECOGNITION

- **Ms. Rajalakshmi S., Asst. Prof.**, has been certified as a **Successful Co-ordinator** by ICT Academy for New India LEARNATHON-2020 held during May-June 2020.



BOOKS PUBLISHED

- **Dr. Shanthi KG., Prof.**, has published a book “**Antennas and Microwave Engineering-R 2017**”, by Sruthi publications in June 2020.
- **Dr. Inbamalar TM., Prof and Ms. Bharatha Sreeja., Asst. Prof.**, published a book “**Basics of Biomedical Instrumentation**”, in Charulatha publications in August 2020.
- **Dr. Shanthi KG., Prof.**, published a book “**Antennas and Microwave Engineering**”, in Sruthi publications in August 2020.
- **Ms. Manju M., Asst. Prof.**, published a book “**Antennas and Microwave Engineering-R 2017**”, in Technical publications in October 2020.
- **Mr. Karthikeyan C., Asst. Prof and Ms. Rajalakshmi S., Asst. Prof.**, published a book “**Embedded and Real Time System**”, in Charulatha publications in October 2020.

GUEST OF HONOUR

- **Dr. Shanthi KG., Prof.**, acted as a **session chair** for seventh International Conference Smart Structures and Systems held at Saveetha Engineering College on 24.07.2020.
- **Dr. Praveena NG., Assoc. Prof.**, acted as a **session chair** for seventh International Conference Smart Structures and Systems held at Saveetha Engineering College on 24.07.2020.

- **Dr. Inbamalar TM., Prof.,** acted as a **Reviewer** for Virtual International Conference on "Futuristic Communications and Network Technologies held at VIT, Chennai on 06.11.2020 and 07.11.2020.
- **Dr. Praveena NG., Assoc. Prof.,** acted as a **Reviewer** for Virtual International Conference on "Futuristic Communications and Network Technologies held at VIT, Chennai on 06.11.2020 and 07.11.2020.
- **Aishwaray N., Praveena NG.,** Akash Arumugam B S, Pramod J., "**Photo Book Creation Using Face Recognition And Machine Learning**", Virtual International Conference on Futuristic Communication and Future Technologies, at VIT University, Chennai, on 6.11.2020-7.11.2020.
- **Bharatha Sreeja G., and Inbamalar TM.,** "**Detection of Breast Cancers Using Neural Network with Grey Level Co-occurrence Matrix**", 6th International conference on Nano electronics, circuits and communication systems, (NCCS-2020) at ARTTC, BSNL near Jumar River, Hazaribag Road, Ranchi on 19.12.2020 and 20.12.2020.

PAPERS PUBLISHED IN CONFERENCE:

- **Arun C.,** "**Comparative Analysis of Hilbert Transform and 1D Continuous wavelet transform in Breathing Sounds obtained from OSA patient and Normal subjects**", International Conference on Electronics and Communication Engineering (ICECE), 15th February 2020, at Dubai, United Arab Emirates.
- **Muthumanickam S.,** Kiran Vishnu, "**Hardware implementation of Real time video watermarking using DWT and SVD in FPGA**", 5th International Conference on Microelectronics Computing & Communication Systems (MCCS-2020), Ranchi, 11.07.2020.
- **Muthumanickam S.,** Saranya, Perezhil, Sangeetha, "**Detection of Breast cancer lesions using Deep learning**", 5th International Conference on Microelectronics Computing & Communication Systems (MCCS-2020), Ranchi, 12.07.2020.
- **Babu M** and Sathish Kumar GA., "**Pipelined SMS4 Cipher Design for Fast Encryption using Twisted BDD S-Box architecture**", AICTE sponsored Online International Conference on Smart Materials & Emerging Technologies for Industry 4.0, at SVCE, Sriperumbadhur, on 16.10.2020.
- **Mubeen Begam Saleem, Bharatha Sreeja G.,** Podili Sai Dinesh "**Issues with perimeter-based network Security and a better model to resolve them**" in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020, SIEST'20 held at Jegannath Institute of Technology on December 27th, 2020. **Won Best Presented Award.**
- **Panta Nishith Reddy and Bharatha Sreeja G.,** "**Li-Fi over Wi-Fi** in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020, SIEST'20 held at Jegannath Institute of Technology on December 27th, 2020. **Won Best Presented Award.**
- **Namburi Priyanka and Bharatha Sreeja G.,** "**Augmented Reality**" in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020, SIEST'20 held at Jegannath Institute of Technology on December 27th, 2020. **Won Best Presented Award.**

- Podili Sai Dinesh and **Bharatha Sreeja G.,** “**Advanced technology for Human Vision using Bionic Eye**” in GLOBAL E-CONFERENCE on Smart Innovations in Engineering Systems and Technology – 2020, SIEST’20 held at Jegannath Institute of Technology on December 27th, 2020. **Won Best Presented Award.**

PAPERS PUBLISHED IN JOURNAL:

1. Gopalakrishnan Natesan and **Arun C.,** “**An Improved Grey Wolf Optimization Algorithm Based Task Scheduling in Cloud Computing Environment**”, International Arab Journal of Information Technology, vol. 17, No. 1, January 2020, pp. 73-81, DOI: <https://iajit.org/PDF/%20Vol%2017,%20No.%201/16399.pdf>. **(SCIE, WEB OF SCIENCE, IF= 0.72).**
2. **Praveena N G., Aishwarya N and Manju M.,** “**Improving the Energy Efficiency by Mobile Sink Based Data-Gathering For Heterogeneous WSNs**”, International Journal of Scientific and Technology Research, Vol.9, No. 2, February 2020 pp. 6371-6375, ISSN: 2277-8616. **(SCOPUS Indexed)**
3. **Praveena N G., Deepa D and Manju M.,** “**Design of An IOT Approach for Industrial Security**”, International Journal of Scientific and Technology Research, Vol.9, No. 2, February 2020, pp. 6444-6448, ISSN: 2277-8616. **(SCOPUS Indexed)**
4. **Shaik Hedayath Basha and Jaison B.,** “**A Novel Secure Message Transmission using Elliptic Curve Diffie Hellman Key Exchange Protocol**”, International Journal of Scientific and Technology Research, Vol.9, No. 2, February 2020, pp. 5529-5533, ISSN: 2277-8616. **(SCOPUS Indexed)**
5. **Nimitha N and Arun C.,** “**Autonomous Detection and Classification of Overlapping Chromosomes by hybrid FCM -KNN method using texture-based analysis by combining GLCM and Gabor filters**”, International Journal of Advanced Science and Technology, Vol. 29, No. 4s, pp. 2128-2141, March 2020, DOI: <http://sersc.org/journals/index.php/IJAST/article/view/8416/4774> **(SCOPUS Indexed)**
6. **Babu M.,** Shamala Devi G., Yamini Krishna M., Viswa Prasanna M and Iswarya N., “**Image Encryption Using Chaotic Maps and DNA Encoding**”, Journal of Xidian University, Vol. 14, No.4, April 2020, pp. 4479 - 4485, DOI: <https://doi.org/10.37896/jxu14.4/206>.
7. **Gangatharan N.,** Manisha G., Madhumitha P., Manisha A and Kirthika N., “**Anti-theft cyber threat intrusion detection**”, Journal of Xidian University, Vol. 14. No. 4, April 2020, pp.3975 - 3985, DOI: <https://doi.org/10.37896/jxu14.4/435>.
8. **Kannan K.,** Devaraju M and S. Rosaline, “**Enhancing Quality of Service Detection Service with Priority Approach in Medium Access Layer**”, International Journal on Emerging Technologies, Vol. 11, No. 3, April 2020, pp. 229-233. **(SCOPUS Indexed)**
9. **Kannan K.,** Sai Kumar N, Logith E, Manoj Kumar R and Surya Prakash O., “**An Internet of Things Based Smart Irrigation using Solenoid Valve**”, International Journal of Recent Technology and Engineering, Vol. 9, No. 1, May 2020, pp. 2018-2023. DOI:10.35940/ijrte.A1979.059120.
10. **Arun C., Shaik Hedayath Basha.,** Lakshman Sivakumar D., Mohamed Rizwan M E and Prem Kumar M R., “**Secured Image Transmission Using Elliptic Curve Cryptography (ECC)**”, Journal of Xidean University, Vol. 14, No. 5, May 2020, pp. 3572 - 3579, DOI: <https://doi.org/10.37896/jxu14.5/400>.

11. **Arun C.**, Lavanya L., Mohana Venkata Ramana S., Nikhil Shivanand K and Niveditha G., **“Application of Machine learning algorithms for the prediction of liver disease”**, Journal of Xidean University, Vol. 14, No. 5, May 2020, pp. 4479 - 4485, DOI: <https://doi.org/10.37896/jxu14.5/490>.
12. **Kannan K.**, Sivaranjani P., Sathish Kumar S., Nalini M., Balaji V and Sanjeevi P., **“SPAHN novel approach for PL-AG gateway discovery for internet connectivity”**, Peer-to-Peer Networking and Applications, May 2020, <https://doi.org/10.1007/s12083-020-00931-4>, **(SCIE, WEB OF SCIENCE IF=2.1)**.
13. **Kannagi V.**, Aarthi S., Aishwarya S S., Devipriya G and Hemadarshni H., **“Advanced Vehicle Security and Location Sensing System by using a Single Wireless Device RSSI”**, International Journal of Recent Technology and Engineering, Vol.9, No. 1, May 2020, ISSN 2277-3878, pp. 1554-1559. DOI:10.35940/ijrte.A2287.059120.
14. **Jasmine Vijithra A.**, Deepeka B, Sri Vaishnavi E, Srivani K, Gattu Bindhu, **“Design of Zipper Antenna for women safety”**, International Journal of Innovative Technology and Exploring Engineering, Vol. 9 No. 8, June 2020.
15. **Manju M.**, Swetha S., Sravani U., Sri Sravani V and Syed Ali Fathima M., **“Detection Of Leaf Health To Increase The Crop Yield Rate In Agriculture Field Using Digital Image Processing”**, International Journal of Innovative Research in Technology, Vol. 7, No. 1, pp. 391 - 395, June 2020.
16. **Shaik Hedayath Basha.**, Vinodh Kumar R., Teekaaram V., Vishnu N and Kamalesh R., **“Semi-Fragile Watermarking with Tamper Localization and Recovery using AMBTC Method”**, International Journal of Engineering and Advanced Technology (IJEAT), Vol. 9, No. 5, June 2020, pp. 54-59, DOI: 10.35940/ijeat.E9263.069520.
17. **Kannan K.**, Surya Kumar P, Praveen Kumar V, Purushothaman V and Ramanand D., **“Vehicle to Vehicle Communication using Assisted Global Positioning System in Vehicular Ad Hoc Network”**, International Journal of Innovative Technology and Exploring Engineering, Vol. 9 No. 8, June 2020, pp. 311-315. DOI: 10.35940/ijitee.F4809.069820.
18. **Aishwarya N., Praveena NG.**, Rajalakshmi B., Reshma R., Rizwana begam B and Sowmya D., **“Detection of Brain Tumour by Image Fusion based on Convolutional Neural Network”**, International Journal of Advanced Science and Technology Vol. 29, No. 6, June 2020, ISSN: 2005-4238, DOI: <http://sersc.org/journals/index.php/IJAST/article/view/20097>, pp. 6500– 6509 **(SCOPUS Indexed)**.
19. **Shanthi KG.**, Jaisree S M., Mallavaram Gowri priya Reddy., Maalavi A S and Lakshmi praba P, **“Smart Vision using Machine learning for Blind”**, International Journal of Advanced Science and Technology Vol. 29, No. 5, June 2020, ISSN:2005-4238, pp. 12458-12463. **(SCOPUS Indexed)**.
20. **Shanthi KG.**, Keerthi B., Manimegalai S., Nisha A and Niviya B R, **“Different artificial olfaction techniques - electronic nose”**, Journal of Critical Reviews, Vol. 7, No. 9, June 2020, ISSN- 2394-5125, pp.539-543. **(SCOPUS Indexed)**
21. **Deepa D.**, Jaswanth G., Vishnu Sai G., Hemanth M and Lalith Babu I., **“NS2 DOS Defence for Resource Availability in Wireless Sensor Networks”**, International Journal of Advanced Science and Technology Vol. 29, No. 7, June 2020, ISSN:2005-4238, pp.3471-3478 **(SCOPUS Indexed)**.

22. **Vijay Anandh R.**, Lithan Kumar A., Kishore Kumar K., Jose Starley A and Jayakumar T., “**A Novel approach in bus tracking system based on global positioning system**”, Journal of Xidian University, Vol. 14, No. 7, July 2020, ISSN- 1001-2400, pp. 1920-1927, <https://doi.org/10.37896/jxu14.7/222>.
23. **Babu M** and Sathish Kumar G, “**In depth survey on XOR Gate Design**”, Journal of Critical Reviews, Vol. 7, No. 18, July 2020, ISSN- 2394-5125, pp.1879-1888. **(SCOPUS Indexed)**
24. **Babu M.**, Sushmitha J., Veerareddy Mounika and Yamini G, “**Augmented reality glass for hearing impaired People**”, Journal of Xidian University, Vol. 14, No. 7, pp. 160-170, July 2020, <https://doi.org/10.37896/jxu14.7/019>.
25. **Jai Ganesh Sekar and Arun C.**, “**Comparative performance analysis of chaos based image encryption techniques**”, Journal of Critical Reviews, Vol. 7, No. 9, July 2020, ISSN- 2394-5125, pp.1138-1143. **(SCOPUS Indexed)**
26. **Nimitha N.**, Nisha E., Niveditha M., Naidu Neha and Pabbaraddy Sai Sumyuktha, “**IOT Based implementation of self-sufficient glaucoma detection and classification using fundus image of eye by CNN method**”, Journal of Xidian University, Vol. 14, No. 7, July 2020, <https://doi.org/10.37896/jxu14.7/020>, ISSN No:1001-2400.
- **Sathyaraj P** and Rukmani Devi D, “**Designing the routing protocol with secured IoT devices and QoS over Manet using trust-based performance evaluation method**”, Journal of Ambient Intelligence and Humanized Computing, July 2020, ISSN 1868-5137, DOI: 10.1007/s12652-020-02358-4. **(SCIE, Web of Science IF=3.42).**
27. **Dhivya K and Arun C.**, “**A Review of Peer Discovery Mechanisms for Device-to-Device Communication**”, Journal of Critical Reviews, Vol. 7, No. 14, August 2020, ISSN- 2394-5125, pp. 1477-1483.
28. **Jai Ganesh S.**, Yashwin Kumar H., Ravishankar N and Pavan G, “**Alcohol detection and vehicle control**”, Journal of Xidian University, Vol. 14, No. 8, August 2020, ISSN No:1001-2400, Page No: 45 - 62.
29. Shakthi Murugan KH and **Jasmine Vijithra A.**, “**A 40Gbps R0- FSO TRANSMISSION SYSTEM FOR 5G APPLICATIONS**”, OPTOELECTRONICS AND ADVANCED MATERIALS-Rapid Communications, Vol. 14, No. 7-8, August 2020, ISSN 1842-6573, pp. 306-309. **(SCIE, Web of Science IF=0.445)**
30. **Babu M** and Sathish Kumar GA., “**Design of Faster SMS4 Crypto System with Efficient XOR Gate**”, International Journal of Advanced Science and Technology, Vol. 29, No. 3, September 2020, ISSN:2005-4238, pp. 13494-13499. **(SCOPUS Indexed)**
31. **Inbamalar TM.**, Jayashree T., Jayashree D and Jayakrishnan VS., “**An Improved Method for Detection of Laryngeal Cancer and Its Stages**”, Lecture Notes in Electrical Engineering book series, Springer (LNEE), Vol. 673, September 2020, pp. 247-253. https://doi.org/10.1007/978-981-15-5546-6_20 **(SCOPUS Indexed)**
32. **Muthumanickam S and Arun C.**, “**FPGA Implementation of Digital Watermarking System for Robust Detection Using Discrete Wavelet Transform**”, Lecture Notes in Electrical Engineering book series, Springer (LNEE), Vol. 673, September 2020, https://doi.org/10.1007/978-981-15-5546-6_17 **(SCOPUS Indexed)**

33. **Chettiyar Vani Vivekanand.,** Bhoopathy Bagan K and Brenie Sekar G, **“Spectrum Sensing in Cognitive Radio with SNR Wall Estimation”**, Lecture Notes in Electrical Engineering book series, Springer (LNEE), Vol. 673, September 2020, https://doi.org/10.1007/978-981-15-5546-6_17 **(SCOPUS Indexed)**
34. **Rajagopal R.,** Prasanth SR., Sharath S., Raghul D and Saivel M., **“Smart Traffic Density-Based Signal Controller”**, International Journal of Innovative Research in Technology, vol. 7, No. 4, September 2020.
35. **Vijayanand R.,** Sriram N., Senthil A., Rohit Kumar R and Sakthivel G., **“Smart Surveillances using PIR Sensors”**, International Journal of Innovative Research in Technology, vol. 7, No. 4, September 2020, pp. 224-227.
36. **Sivachandar K.,** V. Thulasi Bai and **Gangatharan N.,** **“Power prediction and suboptimal Performance identification of solar panels using Machine learning”**, Journal of Green Engineering, Vol. 10, No. 9, October 2020, pp.6455-6467. **(SCOPUS Indexed)**
37. **Sivalakshmi P., Sangeethalakshmi K and Sandhiya G.,** **“Highlights of Blockchain Technology”**, PalArch’s Journal of Archaeology of Egypt / Egyptology, Vol. 17, No.9, November 2020. **(SCOPUS Indexed)**
38. **Sesha Vidhya S.,** Rukmani Devi D and **Shanthi KG.,** **“Human Muscle Mass Measurement through passive Flexible UWB-Myogram Antenna sensor to diagnose Sarcopenia”**, Microprocessors and Microsystems, Vol. 79, November 2020, DOI: <https://doi.org/10.1016/j.micpro.2020.103284>, **(S CIE, Web of Science IF=1.161).**
39. **Bharatha Sreeja G.,** Mubeen begum., Venkata Sravya., Dhivya K. and Jayashree R., **“Issues with perimeter-based network security and a better model to resolve them”**, European Journal of Molecular & Clinical Medicine, Vol.7, No.9, pp. 2437-2444, December 2020 **(SCOPUS Indexed)**
40. **Kannan K** and Rosaline S., **“Information Exchange between Vehicles using Abetted Universal locating Structure in mobile vehicular network”**, European Journal of Molecular & Clinical Medicine, Vol.7, No.3, pp. 1582-1589, December 2020 **(SCOPUS Indexed)**
41. **Deepa D., Manju M and Sathyaraj P.,** **“Improved audit- based malevolent node detection and energy efficiency for health care applications”**, European Journal of Molecular & Clinical Medicine, Vol.7, No.3, December 2020 **(SCOPUS Indexed)**
42. Rajkumar M., **Sandhiya G.,** Shobha Rani P., Gnanasekar A., Padmapriya K and Sangeetha K. **“Localization of wireless sensor network in RSSI Zigbee independent monitoring system in prison for prisoners”**, Materials Today: Proceedings (ELSEVIER), In Press, Available online December 2020, <https://doi.org/10.1016/j.matpr.2020.10.909> **(SCOPUS Indexed)**

GUEST LECTURE:

1. **Ms. Jasmine Vijithra A., Asst Prof.,** gave a guest lecture on **“Skill development for Career growth”**, at St. Xavier's Catholic College of Engineering, Nagercoil, on 16.07.2020.
2. **Dr. Inbamalar TM., Prof.,** gave a guest lecture on **“Medical Image Processing”**, at St. Joseph's College of Engineering, OMR, Chennai on 17.07.2020.
3. **Dr. Inbamalar TM., Prof.,** gave a guest lecture on **“Medical Image Processing”**, at Oxford Engineering College, Bangalore on 20.07.2020.

4. **Mr. Sathyaraj P., Asst. Prof.**, gave a guest lecture on “**Design of IIR filters**”, at Panimalar Engineering College, Bangalore on 20.08.2020.
5. **Dr. Muthumanikam S., Assoc. Prof.**, gave a guest lecture on “**Aperture Antennas**”, at University College of Engineering, Pudukottai on 07.09.2020.
6. **Dr. Inbamalar T.M., Prof.**, gave a guest lecture on “**Overall Document Preparation for NBA – An Overview**”, at Vellamal Institute of Technology, Chennai on 05.12.2020.

ATTENDED SEMINAR, WORKSHOP , TRAINING & FDP:

1. **Dr. Kannan K, Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof., Mr. Babu M., Asst. Prof., Ms. Nimitha N., Asst.Prof., Mr. Rajagopal R., Asst. Prof., Ms. Rajalakshmi S., Asst.Prof., Mr. Karthikeyan C., Asst Prof., Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof** attended “**Arduino Workshop**” organized by RMKEC &ICT Bombay on 08.02.2020.
2. **Mr. Sathyaraj P., Asst. Prof., and Mr. Babu M., Asst. Prof.**, attended seminar on “**Robotics the future**”, at Panimalar Institute of Technology on 06.04.2020.
3. **Dr. Praveena N G Assoc. Prof.**, attended seminar on “**How to Conduct Online Class to Students**”, at Pondicherry Engineering College in collaboration with ATAL on 08.04.2020.
4. **Mr. Sathyaraj P., Asst. Prof., and Mr. Babu M., Asst. Prof.**, attended seminar on “**Image Processing and Computer Vision in Industrial Automation & Turbid media analytics**”, at Panimalar Institute of Technology on 08.04.2020.
5. **Dr. Shanthi KG., Prof.**, attended seminar on “**Introduction to Serverless Computing**”, organized by AWS Educate on 09.04.2020.
6. **Dr. Kannan K, Assoc. Prof.**, attended seminar on “**Skycampus Digital Knowledge Series season 1**”, organized by ICT Academy from 13.04.2020 to 17.04.2020.
7. **Dr. Praveena N G Assoc. Prof., Dr. Aishwarya N., Asst. Prof and Dr. Deepa D., Asst. Prof.**, attended five days FDP on “**Internet of Things**”, organized by NITTTR-Chandigarh in collaboration with AICTE from 15.04.2020 to 19.04.2020.
8. **Dr. Inbamalar T M., Prof., Ms. Chettiyar vani vivekanand., Asst. Prof., Mr. Hedayathbasha SK., Asst. Prof., Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof.**, attended seminar on “**How to publish a high-quality technical journal paper**”, organized by IEEE on 20.04.2020.
9. **Dr. Inbamalar T M., Prof., Dr. Muthumanikam S, Assoc. Prof., Ms. Kannagi V., Assoc. Prof., Ms. Sesha Vidhya S., Assoc. Prof., Ms. Chettiyar Vani Vivekanand., Asst. Prof., Mr. Sathyaraj P., Asst. Prof., Ms. Dhivya K., Asst.Prof., Dr. Deepa., Asst.Prof., Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof.**, attended 5 days seminar on “**Leading in a VUCA World**”, from 20.04.2020 to 24.04.2020.
10. **Ms. Sesha Vidhya S., Assoc. Prof.**, attended seminar on “**How to write a high-quality technical journal paper**”, organized by CISCO on 20.04.2020.

11. **Dr. Muthumanikam S, Assoc. Prof.,** attended seminar on **“Xilinx Zynq Ultrascale+ MPSoC and Pynq Framework custom design”**, organized by Coreal Technology Bengaluru on 20.04.2020.
12. **Dr. Praveena N G Assoc. Prof., and Dr. Aishwarya N., Asst. Prof.,** attended five days FDP on **“LATEX”**, organized by IIT Bombay in collaboration with spoken tutorial from 20.04.2020 to 24.04.2020.
13. **Ms. Nimitha N., Asst.Prof.,** attended three days days FDP on **“Computer Applications - Moodle Learning Management System”**, organized by Sri Krishna College of Engineering and Technology in association with Spoken Tutorial, IIT Bombay from 20.04.2020 to 22.04.2020.
14. **Mr. Hedayathbasha S.K., Asst. Prof.,** attended seminar on **“Online Resources for Learners and Teachers”**, organized by Cambridge Assessment English on 21.04.2020.
15. **Ms. Nimitha N., Asst.Prof., Dr. Deepa D., Asst. Prof., Ms. Rajalakshmi S., Asst.Prof., Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof.,** attended seminar **“Virtual Reality and Augmented Reality”**, organized by Meticulous Academy of Xcellence (MAX), S.A Engineering College on 22.04.2020.
16. **Dr. Inbamalar T M., Prof., Dr. Deepa D., Asst. Prof., Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof.,** attended webinar on **“Applications on Artificial Neural Networks on Computational Biology”**, organized by IEEE Student branch Jeppiar Engineering College on 23.04.2020.
17. **Ms. Chettiyar vani vivekanand., Asst. Prof., Mr. Sathyaraj P., Asst. Prof., Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof.,** attended one-week webinar on **“Current Trends in Web Apps”**, organized by MHRD and Excel Engineering College from 23.04.2020 to 29.04.2020.
18. **Dr. Muthumanikam S, Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof., and Ms. Nimitha N., Asst.Prof.,** attended **“Hands-on training session in Tinkercad Software”**, at RMD Engineering College from 23.04.2020 to 25.04.2020.
19. **Mr. Jaiganesh S., Asst. Prof** attended webinar on **“Effective Work from home during Covid 19”**, organized by ACHIEVE - Centre for leadership and workplace performance on 24.04.2020.
20. **Ms. Kannagi V., Assoc. Prof., Ms. Chettiyar vani vivekanand., Asst. Prof., Dr. Deepa D., Asst. Prof and Ms. Bharatha Sreeja G., Asst. Prof,** attended webinar on **“Telemedicine Practice Guidelines”**, organized by Telemedicine Society of India on 25.04.2020.
21. **Mr. Sathyaraj P., Asst. Prof., Ms. Nimitha N., Asst. Prof., and Dr. Deepa D., Asst. Prof** attended webinar on **“Essential Tips on High Impact Journals”**, organized by IEEE-Chapter of S.A. Engineering College on 25.04.2020.
22. **Mr. Babu M., Asst. Prof.,** attended webinar on **“Cyber Security”**, organized by SRM on 25.04.2020.
23. **Ms. Nimitha N., Asst. Prof.,** attended webinar on **“Professional Communication”**, organized by IEEE Student branch Jeppiar Engineering College on 25.04.2020.
24. **Ms. Jasmine Vijithra A., Asst Prof.,** attended webinar on **“Image Cryptography”**, organized by Excel Engineering College on 25.04.2020.
25. **Ms. Jasmine Vijithra A., Asst Prof.,** attended webinar on **“Build the Blocks of Your Profile”**, organized by Silver Oak University on 25.04.2020.

26. **Dr. Muthumanikam S, Assoc. Prof.,** attended five days webinar on **“Skycampus Digital Knowledge Series”**, organized by ICT Academy from 25.04.2020 to 30.04.2020.
27. **Dr. Inbamalar T M., Prof and Ms. Jasmine Vijithra A., Asst Prof.,** attended webinar on **“Introduction to deep learning”**, organized by Jeppiar Engineering College on 26.04.2020.
28. **Ms. Jasmine Vijithra A., Asst Prof.,** attended webinar on **“UI/UX-The Face of All Cards”**, organized by Silver Oak University on 26.04.2020.
29. **Ms. Jasmine Vijithra A., Asst Prof.,** attended webinar on **“Navigate Your Career During COVID-19”**, organized by IEEE Madras Young Professionals on 26.04.2020.
30. **Dr. Inbamalar T M., Prof., Ms. Nimitha N., Asst. Prof., Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof.,** attended FDP on **“Recent Trends in Biomedical Engineering – Research Perspective”**, organized by Dr. N.G.P. Institute of Technology from 26.04.2020 to 30.04.2020.
31. **Ms. Jasmine Vijithra A., Asst Prof.,** attended FDP on **“Innovation and Entrepreneurship”**, organized Kalasalingam Academy of Research and Education on 27.04.2020.
32. **Dr. Inbamalar T M., Prof., Ms. Kannagi V., Assoc. Prof., Ms. Chettiyar Vani Vivekanand., Asst. Prof., Ms. Ciyamala Kushbu S., and Ms. Bharatha Sreeja G., Asst Prof.,** attended seminar on **“How to Get Published In Scientific Journal - From Research to Publication”**, organized by MHRD - Institute Innovation Council - Sri Sai Ram Institute of Technology on 27.04.2020.
33. **Dr. Shanthi K G., Prof.,** attended seminar on **“World Intellectual Property Week Activity”**, organized by RMKCET on 27.04.2020.
34. **Ms. Sesha Vidhya S., Assoc. Prof.,** attended webinar on **“Introduction to vSphere Networking”**, organized by vSphere, on 27.04.2020.
35. **Ms. Sesha Vidhya S., Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof and Dr. Deepa D., Asst. Prof.,** attended seminar on **“Engineering - Beyond the Classroom”**, organized by Aalim Muhammed Salegh College of Engineering, on 27.04.2020.
36. **Ms. Chettiyar Vani Vivekanand., Asst. Prof., Dr. Deepa D., Asst. Prof and Ms. Bharatha Sreeja G., Asst. Prof.,** attended seminar on **“Exploring Grants Funding Award and Scholarships in IEEE”**, organized by IEEE Madras Chapter, on 27.04.2020.
37. **Ms. Jasmine Vijithra A., Asst. Prof.,** attended seminar on **“Robotics and Automation”**, at Excel Engineering College on 27.04.2020.
38. **Ms. Jasmine Vijithra A., Asst. Prof.,** attended seminar on **“Wi-Tech- The Women is Intact”**, at Silver Oak University on 27.04.2020.
39. **Dr. Gangatharan N., Prof., Ms. Kannagi V., Assoc. Prof., Dr. Kannan K, Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof., Ms. Dhivya K., Asst.Prof., and Mr. Karthikeyan C., Asst.Prof and Dr. Deepa D., Asst.Prof** attended webinar on **“Skycampus Digital Knowledge Series season 3- The Future is Here Now”**, organized by ICT Academy from 27.04.2020 to 01.05.2020.
40. **Dr. Deepa D., Asst.Prof** attended on **“Webinar series”**, organized by Excel Engineering College from 27.04.2020 to 01.05.2020.

41. **Dr. Kannan K, Assoc. Prof., and Ms. Rajalakshmi S., Asst. Prof.,** attended FDP on **“Image and Embedded Processing”**, organized by NITTTR, Chandigarh from 27.04.2020 to 01.05.2020.
42. **Ms. Nimitha N., Asst.Prof., Mr. Jaiganesh S., Asst. Prof and Ms. Jasmine Vijithra A., Asst Prof.,** attended Five days FDP on **“Advanced Simulation Tools for Electronics Engineers”**, organized by S. A Engineering College from 27.04.2020 to 01.05.2020.
43. **Ms. Jasmine Vijithra A., Asst Prof.,** attended three days workshop on **“Education 4.0”**, at Atharva College of Engineering from 28.04.2020 to 30.04.2020.
44. **Mr. Sathyaraj P., Asst. Prof.,** attended seminar on **“IEEE Virtual Yoga on Sight Day/Pes Day”**, organized by IEEE chapter- Bangalore on 28.04.2020.
45. **Mr. Babu M., Asst. Prof.,** attended seminar on **“Cognitive Dimensions of Learning”**, organized by SRM, Ramapuram on 28.04.2020.
46. **Ms. Jasmine Vijithra A., Asst Prof.,** attended seminar on **“AI and ML Tools in Healthcare”**, organized by Excel Engineering College on 28.04.2020.
47. **Ms. Jasmine Vijithra A., Asst Prof.,** attended seminar on **“Your First Machine Learning Project”**, organized by Silver Oak University on 28.04.2020.
48. **Ms. Jasmine Vijithra A., Asst Prof.,** attended seminar on **“Implications of e-Learning in Traditional Learning System”**, organized by Excel Engineering College on 29.04.2020.
49. **Ms. Jasmine Vijithra A., Asst Prof.,** attended seminar on **“Bright Business Beginnings”**, organized by Silver Oak University on 29.04.2020.
50. **Ms. Jasmine Vijithra A., Asst Prof.,** attended seminar on **“Introduction to AWS Purpose Built Databases”**, organized by AWS Educate on 29.04.2020.
51. **Dr. Muthumanikam S, Assoc. Prof.,** attended webinar on **“Skycampus Digital Knowledge Series season 3- The Future is Here Now”**, organized by ICT Academy on 01.05.2020.
52. **Dr. Gangatharan N., Prof & Head., Dr. Arun C., Prof., Dr. Inbamalar TM., Prof., Dr. Shanthi KG., Prof., Dr. Praveena N G., Assoc. Prof., Ms. Kannagi V., Assoc. Prof., Ms. Sesha Vidhya S., Assoc. Prof., Dr. Muthumanikam S, Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof., Dr. Kannan K, Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof., Ms. Chettiyar Vani Vivekanand., Asst. Prof., Ms. Manju M., Asst. Prof., Mr.Sathyaraj P., Asst. Prof., Mr.Babu M., Asst. Prof., Ms. Nimitha N., Asst.Prof., Mr. Jaiganesh S., Asst. Prof., Mr. Basha., Asst. Prof., Ms. Ciyamala Kushbu., Asst. Prof., Dr. Aishwarya N., Asst. Prof., Mr. Rajagopal R., Asst. Prof., Mr. Karthikeyan C., Asst.Prof, Dr. Deepa D., Asst.Prof Ms. Bharatha Sreeja G., Asst Prof and Ms. Jasmine Vijithra A., Asst Prof.,** attended webinar on **“Post COVID 19 opportunities for Engineers”**, organized by Aalim Muhammed Salegh College of Engineering on 02.05.2020.
53. **Dr. Arun C., Prof., Dr. Inbamalar T M., Prof and Dr. Muthumanikam S, Assoc. Prof.,** attended webinar on **“Indian Regional Navigation Satellite System”**, organized by RMKCET on 02.05.2020.
54. **Dr. Shanthi KG., Prof., Ms. Chettiyar Vani Vivekanand., Asst. Prof and Ms. Bharatha Sreeja G., Asst Prof.,** attended webinar on **“Ten Steps to Become an Entrepreneur”**, organized by RMKCET on 02.05.2020.

55. **Dr. Muthumanikam S, Assoc. Prof.**, attended webinar on **“Opportunities for Engineers and Expectations from Industries”**, organized by Chennai Institute of Technology on 02.05.2020.
56. **Dr. Muthumanikam S, Assoc. Prof.**, attended webinar on **“ML frameworks used by FB and Twitter”**, organized by RMKCET on 02.05.2020.
57. **Mr. Vijayanandh R., Assoc. Prof.**, attended webinar on **“Role of Data Analytics in IOT”**, organized by RMK Group of Institutions on 02.05.2020.
58. **Mr. Vijayanandh R., Assoc. Prof.**, attended webinar on **“Machine Learning”**, organized by RMK Group of Institutions on 02.05.2020.
59. **Dr. Gangatharan N., Prof & Head.**, attended webinar on **“Current Trends and Higher Education opportunities”**, organized by RMK Group of Institutions on 03.05.2020.
60. **Dr. Gangatharan N., Prof & Head., Dr. Inbamalar TM., Prof., Dr. Shanthi KG., Prof., Ms. Kannagi V., Assoc. Prof., Ms. Sesha Vidhya S., Assoc. Prof., Ms. Chettiyar Vani Vivekanand., Asst. Prof., Ms. Manju M., Asst. Prof., Ms. Nimitha N., Asst.Prof., Mr. Karthikeyan C., Asst.Prof and Ms. Bharatha Sreeja G., Asst Prof.**, attended webinar on **“The Power of a Teacher”**, organized by ICT Academy on 04.05.2020.
61. **Dr. Shanthi K G., Prof., Ms. Dhivya K., Asst. Prof and Mr. Jaiganesh S., Asst. Prof.**, attended webinar on **“Challenges in integrating Nano Sensors to IOT Platform”**, organized by ICT Academy on 04.05.2020.
62. **Ms. Kannagi V., Assoc. Prof., Dr. Kannan K., Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof and Mr. Sathyaraj P., Asst. Prof.**, attended webinar on **“Skycampus Digital Knowledge Series season 4”**, organized by ICT Academy from 04.05.2020 to 08.05.2020.
63. **Ms. Kannagi V., Assoc. Prof., Ms. Sesha Vidhya S., Assoc. Prof., Ms. Chettiyar Vani Vivekanand., Asst. Prof., Ms. Manju M., Asst. Prof., Ms. Nimitha N., Asst.Prof., Mr. Karthikeyan C., Asst.Prof and Ms. Bharatha Sreeja G., Asst Prof.**, attended webinar on **“The Power of a Teacher”**, organized by ICT Academy on 04.05.2020.
64. **Ms. Kannagi V., Assoc. Prof and Ms. Dhivya K., Asst. Prof** attended webinar on **“Hangout with Successful startups”**, organized by Chennai Institute of Technology on 05.05.2020.
65. **Dr. Shanthi K G., Prof and Ms. Sesha Vidhya S., Assoc. Prof.**, attended three days workshop on **“FEM solver-based Antenna Design for Wireless Applications”**, at Sathyabama Institute of Technology, Chennai from 05.05.2020 to 06.05.2020.
66. **Dr. Arun C., Prof.**, attended seminar on **“Personality Development and Interview Skills”**, at Nehru College of Arts and Science on 08.05.2020.
67. **Dr. Kannan K, Assoc. Prof and Mr. Vijayanandh R., Assoc. Prof.**, attended seminar on **“Open-CV”**, organized by Pantech-IETE on 08.05.2020.
68. **Mr. Vijayanandh R., Assoc. Prof., Ms. Manju M., Asst. Prof., Mr. Babu M., Asst. Prof., Mr. Rajagopal R., Asst. Prof., Mr. Karthikeyan C., Asst.Prof, and Ms. Bharatha Sreeja G., Asst Prof.**, attended seminar on **“AI skills: What college are not focussing on”**, at NASSCOM WEBINAR, INDIA AI, on 08.05.2020.
69. **Dr. C. Arun., Prof.** attended seminar on **“3D Printing Applications in Fighting with COVID-19”**, at Sai Ram Institute of Technology, on 09.05.2020.

70. **Ms. Sesha Vidhya S., Assoc. Prof.,** attended webinar on **“Live India first Leadership Talk by MHRD”**, organized by ICT Academy, on 09.05.2020.
71. **Dr. Muthumanikam S, Assoc. Prof.,** attended webinar on **“Essential information for Educated community on Prophylaxis”**, organized by AIIMS, on 09.05.2020.
72. **Dr. Deepa D., Asst.Prof.,** attended webinar on **“Effective online Teaching and student management”**, organized by IEEE student chapter, on 09.05.2020.
73. **Dr. Shanthi K G., Prof.,** attended webinar on **“Electric Vehicles for a Sustainable Future webinar”**, organized by RMKCET, on 10.05.2020.
74. **Ms. Kannagi V., Assoc. Prof., Ms. Dhivya K., Asst.Prof.,** attended webinar on **“Machine Learning Algorithms, applications and trends”**, organized by Shasun Jain college for Women, on 10.05.2020.
75. **Dr. Muthumanikam S, Assoc. Prof.,** attended webinar on **“Approach towards industries and growth sector”**, organized by RMKCET, on 12.05.2020.
76. **Dr. Muthumanikam S, Assoc. Prof.,** attended webinar on **“Electric motors”**, organized by IIT Delhi, on 12.05.2020.
77. **Ms. Dhivya K., Asst.Prof.,** attended webinar on **“Post Covid 19 way forward”**, organized by Prathyusha Engineering College, on 12.05.2020.
78. **Dr. Shanthi K G., Prof and Ms. Sesha Vidhya S., Assoc. Prof.,** attended three days workshop on **“Microstrip Patch antenna design for wireless application”**, at Sathyabama Institute of Technology, Chennai from 12.05.2020 to 14.05.2020.
79. **Ms. Bharatha Sreeja G., Asst Prof.,** attended webinar on **“Future of Entrepreneurship and Employment Opportunities”**, organized by Nehru Institute of Technology, Coimbatore, from 13.05.2020 to 15.05.2020.
80. **Dr. Arun C., Prof.** attended webinar on **“How to Fast Track your operations in the time of social Distancing”**, organized by Sri Venkateswara College of Technology on 14.05.2020.
81. **Dr. Shanthi K G., Prof., Ms. Sesha Vidhya S., Assoc. Prof and Mr. Sudharsanam V.,** attended three days workshop on **“Moving forward with IoT”**, at RMKCET on 14.05.2020.
82. **Dr. Shanthi K G., Prof., Ms. Sesha Vidhya S., Assoc. Prof and Mr. Sudharsanam V., Asst. Prof.,** attended workshop on **“Moving forward with IoT”**, at RMKCET on 14.05.2020.
83. **Dr. Shanthi K G., Prof.,** attended seminar on **“IPR and Patent Drafting”**, at St.Peter's Institute of Higher Education and Research on 14.05.2020.
84. **Dr. Kannan K, Assoc. Prof and Dr. Deepa D, Asst. Prof.,** attended seminar on **“Recent trends & challenges in optical wireless communication”**, at Sri Easwari Engineering College on 14.05.2020.
85. **Mr. Jaiganesh S., Asst. Prof.,** attended seminar on **“Introduction to data analytics for Electronics Engineers using Python”**, at RMK Group of Institutions on 14.05.2020.
86. **Dr. Deepa D., Asst. Prof.,** attended seminar on **“Virtual reality”**, at SRM With Pantech on 14.05.2020.

87. Ms. Kannagi V., Assoc. Prof and Ms. Dhivya K., Asst.Prof., attended seminar on “Cutting edge Technologies in Electronics and Communication”, at Ravindra College of Engineering from 14.05.2020 to 16.05.2020.
88. Ms. Sessa Vidhya S., Assoc. Prof., attended workshop on “Choosing the right statistical tool workshop”, organized by Rehoboth Academic Services, Bengaluru on 19.05.2020.
89. Mr. Sathyaraj P., Asst. Prof., and Mr. Jaiganesh S., Asst. Prof., attended FDP on “Research Scopes in ECE”, at Chennai Institute of Technology on 21.05.2020.
90. Ms. Sessa Vidhya S., Assoc. Prof., Ms. Manju M., Asst. Prof., Dr. Deepa D., Asst. Prof., and Mr. Karthikeyan C., Asst. Prof attended FDP on “Robotics process Automation Anywhere”, organized by Jeppiaar Institute of Technology from 04.05.2020 to 06.05.2020.
91. Ms. Kannagi V., Assoc. Prof., Ms. Dhivya K., Asst.Prof., and Mr. Babu M., Asst.Prof., attended 1-week FDP on “Research Challenges and Opportunities Post COVID-19”, organized by Sri Vasavi Engineering College, AP from 04.05.2020 to 09.05.2020.
92. Dr. Inbamalar T M., Prof., attended FDP on “Robotics Process Automation”, organized by Jeppiaar Institute of Technology from 04.05.2020 to 06.05.2020.
93. Dr. Kannan K, Assoc. Prof., attended five days FDP on “Digital Marketing”, organized by ICT Academy from 06.05.2020 to 12.05.2020.
94. Dr. Arun C., Prof and Mr. Babu M., Asst. Prof., attended FDP on “Data analysis and Visuvalization of Covid 19 data set using Python”, organized by Jerusalem College of Engineering on 07.05.2020.
95. Mr. Vijayanandh R., Assoc. Prof., attended five days FDP on “Network Essentials”, organized by ICT Academy from 07.05.2020 to 13.05.2020.
96. Ms. Manju M., Asst. Prof., attended five days FDP on “Effective Project Proposal Writing”, organized by Vellamal Engineering College from 08.05.2020 to 09.05.2020.
97. Ms. Kannagi V., Assoc. Prof., and Ms. Dhivya K., Asst.Prof., attended 1-week FDP on “NAAC Awareness Programme for Faculty”, organized by MMIT Pune from 08.05.2020 to 14.05.2020.
98. Dr. Kannan K, Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof., Ms. Dhivya K., Asst.Prof., Mr. Sathyaraj P., Asst.Prof., and Mr. Karthikeyan C., Asst. Prof attended FDP on “Ruby Programming”, organized by VIT, Chennai from 11.05.2020 to 12.05.2020.
99. Ms. Dhivya K., Asst. Prof., attended FDP on “Cryptography and Network Security”, organized by Panimalar Institute of Technology, from 11.05.2020 to 15.05.2020.
100. Dr. Inbamalar T M., Prof., attended six days FDP on “Innovation to Academicians”, organized by New Gen IEDC - RCE, from 11.05.2020 to 16.05.2020.
101. Ms. Kannagi V., Assoc. Prof., attended three days FDP on “Cutting edge Technologies in Electronics and Communication”, organized by Ravindra College of Engineering, from 14.05.2020 to 16.05.2020.
102. Mr. Jaiganesh S., Asst. Prof., attended seminar on “Emerging Trends in electric vehicles”, organized by Jeppiaar Institute of technology, on 15.05.2020.
103. Dr. Shanthi KG., Prof., Mr. Sathyaraj P., Asst. Prof., Mr. Sudharsanam V., Asst. Prof and Ms. Ciyamala Kushbu S., Asst. Prof., attended seminar on “IPR and IP

- Management for Innovation and Start-ups”, organized by RMK Engineering College, on 15.05.2020.
104. Mr. Sathyaraj P., Asst. Prof., attended seminar on “Webinar on Moving Forward with IOT”, organized by RMK CET, on 15.05.2020.
105. Mr. Jaiganesh S., Asst. Prof., attended seminar on “Research Publications: Skills Ethics and Mis conducts”, organized by Kumaraguru College of Technology, on 15.05.2020.
106. Dr. Muthumanikam S, Assoc. Prof., attended seminar on “ICT Academy-SkyCampus Digital Knowledge Series Season 6”, organized by ICT Academy, from 15.05.2020 to 22.05.2020.
107. Ms. Sessa Vidhya S., Assoc. Prof., Dr. Kannan K, Assoc. Prof., Ms. Dhivya K., Asst. Prof., Dr. Deepa D., Asst. Prof and Ms. Bharatha Sreeja S., Asst. Prof., attended seminar on “Introduction to Smart Distribution System”, organized by RMKCET, on 18.05.2020.
108. Dr. Praveena N G., Assoc. Prof., attended seminar on “Startup Lifecycle and Patent Registration”, organized by ATHARVA college of Engineering, Mumbai, on 18.05.2020.
109. Dr. Kannan K, Assoc. Prof and Ms. Kannagi V., Assoc. Prof., attended seminar on “ICT Academy-Skycampus Digital Knowledge Series season 6”, organized by ICT Academy, from 18.05.2020 to 22.05.2020.
110. Ms. Chettiyar Vani Vivekanand., Asst. Prof., attended FDP on “LATEX”, organized by St. Joseph’s Institute of Technology with Spoken Tutorial Project, IIT Bombay, from 15.05.2020 to 17.05.2020.
111. Dr. Kannan K, Assoc. Prof., attended five days FDP on “Technological Interventions Using Wireless Communication”, organized by NITTTR, Chandigarh, from 18.05.2020 to 22.05.2020.
112. Mr. Vijayanandh R., Assoc. Prof., attended FDP on “Fundamentals of Machine Learning”, organized by ICT Academy, from 18.05.2020 to 22.05.2020.
113. Mr. Jaiganesh S., Asst. Prof., attended five days FDP on “Cyber Security”, organized by ATAL Academy, from 18.05.2020 to 22.05.2020.
114. Dr. Deepa D., Asst. Prof., attended five days FDP on “Communication and Presentation skills”, organized by NITTTR Chandigarh, from 18.05.2020 to 22.05.2020.
115. Dr. Kannan K, Assoc. Prof and Dr. Deepa D., Asst. Prof., attended seminar on “Recent Trends in High Performance Computing”, organized by Sri Easwari Engineering College on 19.05.2020.
116. Dr. Inbamalar TM., Prof., attended seminar on “Awareness Program on Outcome Based Education (OBE)”, organized by MLR Institute of Technology on 20.05.2020.
117. Dr. Shanthi KG., Prof., Ms. Kannagi V., Assoc. Prof., Ms. Sessa Vidhya S., Assoc. Prof., Mr. Vijayanandh R., Assoc. Prof and Mr. Sathyaraj P., Asst. Prof attended seminar on “IEEE Xplore - Research Enhance Methodology and search Techniques”, organized by IEEE and EEE, RMKCET on 20.05.2020.
118. Ms. Sessa Vidhya S., Assoc. Prof., attended seminar on “Super session on the theme Personal Financial Management”, organized by ICT Academy on 20.05.2020.

119. **Mr. Vijayanandh R., Assoc. Prof.,** attended FDP on **“Internet of Things and applications in Automobiles”**, organized by RMKCET, on 20.05.2020.
120. **Mr. Babu M., Asst. Prof.,** attended five days FDP on **“Next Generation Intelligence”**, organized by ATAL Academy, Organised by St. Peter's Institute of Higher Education and Research, from 20.05.2020 to 25.05.2020.
121. **Ms. Jasmine Vijithra A., Asst. Prof.,** attended seminar on **“Study of Antenna Design and Analysis of Simulated Results”**, organized by National College of Engineering on 21.05.2020.
122. **Ms. Kannagi V., Assoc. Prof.,** attended seminar on **“Design the Thinking”**, organized by Sri Eshwar College of Engineering on 22.05.2020.
123. ECE Department faculties attended seminar on **“Augmented & Virtual Reality”**, organized by IEI/ECE, RMKCET on 23.05.2020.
124. **Ms. Sessa Vidhya S., Assoc. Prof.,** attended seminar on **“Tough times never last, but tough people do”**, organized by SVCET, Sriperumbuthur on 23.05.2020.
125. **Mr. Jaiganesh S., Asst. Prof.,** attended seminar on **“Embedded Programming for automotive industries”**, organized by RMK Group of Institutions, on 23.05.2020.
126. **Ms. Kannagi V., Assoc. Prof., Ms. Sessa Vidhya S., Assoc. Prof., Dr. Muthumanikam S, Assoc. Prof., Mr. Babu M., Asst. Prof., Dr. Deepa D., Asst. Prof and Ms. Jasmine Vijithra A., Asst. Prof** attended seminar on **“Applications of Speciality Optical Fibres and Photonic ICs”**, organized by RMKCET, on 25.05.2020.
127. **Ms. Sessa Vidhya S., Assoc. Prof.,** attended seminar on **“Change is the Essence of LIFE”**, organized by SVCET, Sriperumbuthur, on 25.05.2020.
128. **Dr. Muthumanikam S, Assoc. Prof.,** attended seminar on **“ICT Academy-Skycampus Digital Knowledge Series season 7”**, organized by ICT Academy sky campus, from 25.05.2020 to 28.05.2020.
129. **Ms. Sessa Vidhya S., Assoc. Prof and Dr. Muthumanikam S, Assoc. Prof.,** attended seminar on **“Spectral and Energy Efficient Spatial Modulation Techniques for next Generation Wireless Networks”**, organized by GRTET, Thiruthani, on 29.05.2020.
130. **Ms. Kannagi V., Assoc. Prof., Ms. Dhivya K., Asst.Prof., and Ms. Bharatha Sreeja G., Asst.Prof.,** attended 5 days FDP on **“Deep Neural Networks and expert systems”**, organized by PSR Engineering College, from 25.05.2020 to 29.05.2020.
131. **Dr. Kannan K, Assoc. Prof.,** attended five days FDP on **“Cyber security”**, organized by ATAL in collaboration with Punjab Engineering College, from 25.05.2020 to 29.05.2020.
132. **Dr. Deepa D., Asst. Prof.,** attended five days FDP on **“Evaluation and Setting of Question Papers”**, Organized by NITTTR Chandigarh, from 25.05.2020 to 29.05.2020.
133. **Ms. Sessa Vidhya S., Assoc. Prof.,** attended seminar on **“Additive Manufacturing and it's applications”**, organized by SVCET, Sriperumbuthur, on 30.05.2020.
134. **Faculties of ECE.,** attended a five days FDP on **“Embracing the creative side of Teaching and Learning methods”**, organized by RMKCET from 29.07.2020 to 03.07.2020.

135. **Ms. Rajalakshmi S., Asst. Prof.,** attended a six days FDP on **“Digital Teaching Techniques”**, organized by ICT Academy, from 29.06.2020 to 04.07.2020.
136. **Ms. SesaVidhya S., Assoc. Prof.,** attended a one-day seminar program on **“Open Source and Digital Transformation”**, organized by Easwari Engineering College, Ramapuram on 04.07.2020.
137. **Ms. Chettiyar Vani Vivekanand., Assoc. Prof.,** attended a one-day seminar program on **“Innovation in antenna analysis and design”**, organized by Altair & Design Tech have collaborated with IEEE Antenna & Propagation Society on 08.07.2020.
138. **Dr. Shanthi KG., Prof and Ms. SesaVidhya S., Assoc. Prof.,** attended a one-day seminar program on **“IPR and Technology Transfer,”** organized by R.M.K. Engineering College on 12.07.2020.
139. **Dr. Inbamalar TM., Prof and Dr. Deepa D., Asst. Prof.,** attended a one-week FDP on **“Challenges in Cybercrime and enforcement of cyber security issues”**, organized by Dr. MGR Educational and Research Institute from 06.07.2020 to 12.07.2020.
140. **Ms. Jasmine vijithra A., Asst. Prof .,** attended an three days FDP on **“Role of Technology Institutes: In Rural Areas for Livelihood and ATMNIRBHAR”**, organized by Satyabhama Institute of Science and Technology, Chennai from 10.07.2020 to 12.07.2020.
141. **Dr. Muthumanickam S., Assoc. Prof.,** attended a three days workshop on **“Getting started with real time operated systems (RTOS)”**, organized by Pondicherry EdGate Bangalore, from 15.07.2020 to 17.07.2020.
142. **Ms. SesaVidhya S., Assoc. Prof.,** attended a one-day seminar program on **“Bio-Sensor and it’s Applications-Research Perspective”**, organized by GRTIET, on 17.07.2020.
143. **Ms. Jasmine Vijithra A., Asst. Prof.,** attended a one-day seminar program on **“Phased Array Antennas: Space Applications and Challenges”**, organized by Mizoram University, on 17.07.2020.
144. **Dr. Muthumanickam S., Assoc. Prof., Ms. Sivalakshmi P., Asst. Prof and Ms. Mary Anita Jesuretnam., Asst. Prof.,** attended a five days FDP on **“Challenges in Cybercrime and enforcement of cyber security issue Applications of Image Processing”**, organized by St. Joseph’s College of Engineering, NCCR, NIOT from 14.07.2020 to 18.07.2020.
145. **Dr. Shanthi KG., Prof and Ms. SesaVidhya S., Assoc. Prof.,** attended a one-day seminar program on **“Medical Image Processing,”** organized by The OXFORD College of Engineering, Bangalore, on 20.07.2020.
146. **Dr. Muthumanickam S., Assoc. Prof.,** attended a two days workshop on **“Intellectual Property Rights (IPR)”**, organized by St. Joseph’s College of Engineering, NCCR, NIOT, from 21.07.2020 to 22.07.2020.
147. **Dr. Inbamalar TM., Prof.,** attended a one day seminar program on “Webinar Series 2.0 titled **“Demystifying Data Science AI and ML”**, organized by IIC of Dr .N. G. P. Institute of Technology on 23.07.2020.
148. **Dr. Muthumanickam S., Assoc. Prof.,** attended a three days FDP on **“Advanced communication lab”**, organized by St. Joseph Inst. of technology, from 22.07.2020 to 24.07.2020.

149. **Dr. Deepa D., Asst. Prof.,** attended a three days FDP on **“Python for Data science”**, organized by Dr. MGR Educational and Research Institute from 23.07.2020 to 25.07.2020.
150. **Ms. Sivalakshmi P., Asst. Prof.,** attended a one-day seminar program on **“IOT Industry 4.0”**, organized by Shree Ramachandra College of engineering on 25.07.2020.
151. **Ms. Sivalakshmi P., Asst. Prof.,** attended a one-day seminar program on **“Engineering Optimization- methods & Applications”**, organized by RMKCET on 27.07.2020.
152. **Dr. Praveena NG., Assoc. Prof., Ms. SesaVidhya S., Assoc. Prof., Dr. Muthumanickam S., Assoc. Prof., Ms. Chettiyar Vani Vivekanand., Assoc. Prof., Mr. Babu M., Asst. Prof and Dr. Aishwarya N., Asst. Prof.,** attended three days seminar program on **“Idea or Invention Validation, Patent Drafting ways to respond to patent office objections”**, organized by PoisedX in Collaboration with SSNCE from 29.07.2020 to 31.07.2020.
153. **Dr. Praveena NG., Assoc. Prof.,** attended a one-day seminar program on **“Virtual Reality and Augmented Reality”**, organized by Kumaraguru college of technology, Coimbatore on 31.07.2020.
154. **Dr. Deepa D., Asst. Prof.,** attended a five days FDP on **“Recent trends in wireless communication and signal processing”**, organized by Saranath College of Engineering from 27.07.2020 to 31.07.2020.
155. **Ms. Sivalakshmi P., Asst. Prof.,** attended a one-day seminar program on **“Machine Language Applications Using Python”**, organized by K.L University on 04.08.2020.
156. **Ms. Sivalakshmi P., Asst. Prof.,** attended a one-day seminar program on **“Internet of Things using Raspberry Pi”**, organized by Rajiv Gandhi college of Engineering Research & Technology, Chandrapur on 05.08.2020.
157. **Ms. SesaVidhya S., Assoc. Prof., Dr. Muthumanickam S., Assoc. Prof., Ms. Sangeethalakshmi K., Asst. Prof.,** attended a one-day FDP program on **“Digital Teaching”**, organized by Cognizant on 05.08.2020.
158. **Dr. Muthumanickam S., Assoc. Prof and Ms. Chettiyar Vani Vivekanand., Asst. Prof.,** attended a one-day seminar program on **“Introduction to Robotic Process Automation”**, organized by MLRIT on 06.08.2020.
159. **Ms. Sivalakshmi P., Asst. Prof.,** attended a one-day seminar program on **“Art of Publishing Review & Research Articles”**, organized by SVCE on 08.08.2020.
160. **Ms. Chettiyar Vani Vivekanand., Assoc. Prof.,** attended a one-day seminar program on **“Peer Review & Publishing Ethics”**, organized by ACS on Campus on 10.08.2020.
161. **Dr. Inbamalar TM., Prof and Dr. Shanthi KG., Prof.,** attended a one-day seminar program on **“Skills in English: A Gateway to Success”**, organized by RMKCET on 12.08.2020.
162. **Ms. Nishanthini P., Asst. Prof.,** attended a one day seminar program on **“Grid Tie Inverter Design”**, organized by SJB Institute of Technology on 12.08.2020.
163. **Ms. Sivalakshmi P., Asst. Prof.,** attended a one day seminar program on **“E-Health systems”**, organized by Raja Lakshmi Engineering College on 16.08.2020.

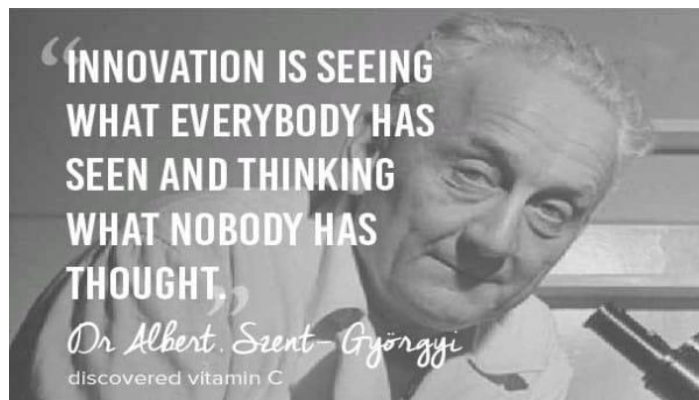
164. **Dr. Inbamalar TM., Prof and Ms. Chettiyar Vani Vivekanand., Assoc. Prof.,** attended a five days STTP on **“AICTE sponsored five days national virtual STTP on Industrial Internet of Things”**, organized by NITTE Meenakshi Institute of Technology from 12.08.2020 to 16.08.2020.
165. **Ms. SesaVidhya S., Assoc. Prof and Ms. Sangeethalakshmi K., Asst. Prof.,** attended a one-day seminar program on **“Tools to Enhance Research Visibility”**, organized by B S Abdur Rahman Crescent Institute of Science & Technology on 18.08.2020.
166. **Ms. Nishanthini P., Asst. Prof.,** attended a one-day seminar program on **“Hardware Security”**, organized by KL University on 18.08.2020.
167. **Ms. SesaVidhya S., Assoc. Prof.,** attended a six days AICTE-STTP on **“Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas”**, organized by Sri Venkateshwara College of Engineering from 24.08.2020 to 29.08.2020.
168. **Ms. Sivalakshmi P., Asst. Prof** attended a five days FDP on **“ATAL FDP on Block chain”**, organized by Mahendra Engineering College from 31.08.2020 to 04.09.2020.
169. **Dr. Inbamalar TM., Prof., Dr. Shanthi KG., Prof., Ms. SesaVidhya S., Assoc. Prof., Mr. Babu M., Asst. Prof., Ms. Sangeethalakshmi K, Asst. Prof., Ms. Sivalakshmi P., Asst. Prof and Dr. Aishwaray N., Asst. Prof** attended a one-day seminar program on **“Innovation and Startup - An Epicenter of Education”**, organized by IIC & EDC of RMK College of Engineering and Technology on 04.09.2020.
170. **Ms. Mary Anita Jesuretnam., Asst. Prof.,** attended a five days FDP on **“ATAL FDP on Artificial Intelligence”**, organized by Sri Krishna College of Engineering and Technology from 31.08.2020 to 04.09.2020.
171. **Dr. Shanthi K G., Prof.,** attended a one-day seminar program on **“Model Teacher”**, organized by RMKCET on 05.09.2020.
172. **Dr. Deepa D., Asst. Prof.,** attended a five days FDP on **“ATAL FDP on Cyber Security”**, organized by AICTE from 07.08.2020 to 11.09.2020.
173. **Ms. Sivalakshmi P., Asst. Prof.,** attended a one-day seminar program on **“Mastering state of mind for a healthy living and professional wellbeing Art and Science of Happiness and Self-empowerment”**, organized by IEEE Photonics Society Student Chapter, Mangalam College of Engineering on 12.09.2020.
174. **Dr. Deepa D., Asst. Prof.,** attended a one seminar on **“Cyber Security Awareness”**, organized by Sri Venkateshwara College of Technology on 17.09.2020.
175. **Dr. Inbamalar TM., Prof and Ms. Sivalakshmi P., Asst. Prof.,** attended a five days FDP on **“Innovation in Medical Devices and Impact of Internet of Things in Tele health in Rural India”**, organized by R.M.K Engineering College from 14.09.2020 to 18.09.2020.
176. **Ms. Chettiyar Vani Vivekanand., Assoc. Prof., Mr. Karthikeyan C., Asst. Prof., Dr. Deepa D., Asst. Prof and Ms. Bharatha Sreeja G., Asst. Prof.,** attended a five days FDP on **“ATAL FDP on Telemedicine”**, organized by R.M.K Engineering College from 14.09.2020 to 18.09.2020.

177. **Dr. Aishwarya N., Asst. Prof.**, attended a five days FDP on **“ATAL FDP on Wearable devices for assistive technology”**, organized by Kongu Engineering College from 14.09.2020 to 18.09.2020.
178. **Dr. Inbamalar TM., Prof., Ms. Chettiyar Vani Vivekanand., Assoc. Prof and Ms. Bharatha Sreeja G., Asst. Prof.**, attended a five days FDP on **“Medical Image Processing and Deep Learning Technologies”**, organized by Panimalar Institute of Technology from 21.09.2020 to 25.09.2020.
179. **Dr. Deepa D., Asst. Prof.**, attended a five days ATAL FDP on **“Biomedical Instrumentation & IoT”**, organized by AICTE from 21.09.2020 to 25.09.2020.
180. **Ms. Sangeethalakshmi K, Asst. Prof.**, attended a five days workshop on **“Accelerate Research”**, organized by Anurag University, Hyderabad from 22.09.2020 to 26.09.2020.
181. **Ms. Manju M., Asst. Prof and Mr. Karthikeyan C., Asst. Prof.**, attended a six days ATAL FDP on **“Writing and publishing high impact research publications and scientific documents”**, organized by Raja Lakshmi engineering college from 21.09.2020 to 26.09.2020.
182. **Mr. Sathyaraj P., Asst. Prof.**, attended a five days FDP on **“ATAL FDP On Sensors Technology”**, organized by Gnanamani College of Technology from 05.10.2020 to 09.10.2020.
183. **Mr. Babu M., Asst. Prof., Dr. Deepa D., Asst. Prof and Ms. Jasmine Vijithra A., Asst. Prof.**, attended a six days FDP on **“Writing and publishing High Impact Research Journals”**, organized by Raja Lakshmi engineering college from 05.10.2020 to 10.10.2020.
184. **Mr. S.K Hedayathbasha., Asst. Prof.**, attended a six days STTP on **“AICTE Sponsored Online Short-Term Training Program on Applications of Signal, Image and Video Processing in VLSI using Xilinx System Generator, Phase –II”**, organized by Narayana Engineering College - Nellore from 07.10.2020 to 12.10.2020.
185. **Ms. Subatra., Asst. Prof.**, attended a six days FDP on **“Semiconductor technologies – an overview”**, organized by SRM Institute of Technology, Chennai from 09.10.2020 to 14.10.2020.
186. **Ms. Jasmine Vijithra A., Asst. Prof.**, attended a six days FDP on **“Recent Technology Trends in Computers and Cyber Security”**, organized by St. Xavier's Catholic College of Engineering from 10.10.2020 to 15.10.2020.
187. **Ms. Bharatha Sreeja G., Asst. Prof.**, attended a virtual workshop on **“How to Publish a Quality Technical Paper with IEEE”**, organized by IEEE Virtual Authorship Workshop, on 15.10.2020.
188. **Dr. Deepa D., Asst. Prof and Ms. Bharatha Sreeja G., Asst. Prof.**, attended a six days AICTE FDP on **“Supervised and Unsupervised Machine learning using Google Cloud “**, organized by RMKCET from 12.10.2020 to 17.10.2020.
189. **Ms. SesaVidhya S., Assoc. Prof.**, attended a AICTE Sponsored Online Short Term Training Program on **“Recent Advancements of Computational Electromagnetics In Modern Microwave Antennas”**, organized by Sri Venkateshwara College of Engineering from 12.10.2020 to 17.10.2020.

190. **Mr. Sathyaraj P., Asst. Prof.**, attended a one seminar program on “**Technology Enabled Humanitarian Activity**”, organized by Panimalar Institute of Technology on 24.10.2020.
191. **Ms. Sandhiya G., Asst. Prof.**, attended a one-day seminar program on “**National Level workshop on Research Techniques**,” organized by Priyadrashini College of Engineering, on 31.10.2020.
192. **Dr. Deepa D., Asst. Prof and Ms. Bharatha Sreeja G., Asst. Prof.**, attended a five days FDP on “**AICTE STTP on Trends and challenges in medical Image Analysis through Deep Learning Algorithms**,” organized by Velagapudi RamaKrishna Siddhartha Engineering College from 26.10.2020 to 31.10.2020.
193. **Ms. Subatra., Asst. Prof.**, attended a five days ATAL FDP on “**3D Printing & Design**”, organized by University College of Engineering Hyderabad from 02.11.2020 to 06.11.2020.
194. **Dr. Praveena NG., Assoc. Prof.**, attended a five days seminar program on “**AICTE Incorporating Universal Human Values in Education**”, organized by AICTE from 2.11.2020 to 06.11.2020.
195. **Dr. Shanthi KG., Prof., Ms. SesaVidhya S., Assoc. Prof., Ms. Chettiyar Vani Vivekanand., Assoc. Prof., Mr. Karthikeyan C., Asst. Prof and Ms. Sivalakshmi P., Asst. Prof.**, attended a six days ATAL FDP on “**Supervised and Unsupervised Machine learning using Google Cloud**”, organized by RMKCET from 02.11.2020 to 07.11.2020.
196. **Mr. Vijayanandh R., Assoc. Prof.**, attended a five days FDP on “**AICTE STTP on Deep Learning Techniques for Ambient Intelligence and Smart Environment – II**”, organized by RMKCET , from 02.11.2020 to 07.11.2020.
197. **Dr. Deepa D., Asst. Prof.**, attended a five days FDP on “**ATAL FDP on Wearable Devices**,” organized by Thapar Institute of Engineering and Technology, Patiala, from 16.11.2020 to 20.11.2020.
198. **Dr. Shanthi KG., Prof.**, attended a five days FDP on “**ATAL FDP on "ROAD - Response Effectiveness, Organizing Self, Attitudinal Shift, Decision Making**”, organized by Manipal University Jaipur, from 23.11.2020 to 27.11.2020.
199. **Ms. Chettiyar Vani Vivekanand., Assoc. Prof.**, attended a five days AICTE STTP on “**Research and Development in Wireless Communication Application using Netsim and MATLAB**”, organized by Pondicherry Engineering College, from 23.11.2020 to 28.11.2020.
200. **Ms. SesaVidhya S., Assoc. Prof.**, has attended a one-day seminar program on “**One Day ONLINE Seminar on "Role & Significance of Patents in Academia"**” organized by Velagapudi Ramakrishna Siddhartha engineering college on 05.12.2020.
201. **Ms. Bharatha Sreeja G., Asst. Prof.**, attended a five days FDP on “**AICTE sponsored STTP on PHASE II - Trends and Challenges in Medical Image Analysis through Deep learning algorithms**”, organized by Velagapudi Rama Krishna Siddhartha Engineering College from 07.12.2020 to 12.12.2020.
202. **Dr. Shanthi KG., Prof.**, attended a five days FDP on “**ATAL Academy Online FDP on "Training for Social Connectedness & Inspiration**”, organized by Sri Venkateshwara College of Engineering, Bengaluru from 14.12.2020 to 18.12.2020.

203. **Ms. SesaVidhya S., Assoc. Prof.,** attended a two days FDP on “**Developments in Smart Systems using Nano materials,**” organized by SSN College of Engineering, from 17.12.2020 to 18.12.2020.

204. **Dr. Shanthi KG., Prof.,** attended a five days FDP on “**ATAL FDP on Internet of Things,**” organized by Kongu Engineering College from 21.12.2020 to 25.12.2020.



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The intelligent use of science and technology are the tools with which to achieve a new direction.

— *Jacque Fresco* —

