28
YEARS OF EXCELLENCE

RMK
GROUP OF
INSTITUTIONS

N E W S L E T T E R

T W Y S T R A 2 K 2 4

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

RMK COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)

R.S.M Nagar, Puduvoyal-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

JULY 2023–DECEMBER 2023

ECE STUDENTS ASSOCIATION:

- The Department of Electronics and Communication Engineering organized **"ECE Students Association"** on 23.09.2023. **Dr. A. Ananth, Head of the Department, ECE, IIIT, Kottayam, Kerala** was the chief guest for the event.

NATIONAL SEMINAR:

- Department of ECE, conducted a DST – SERB sponsored two days National level seminar on the title **"Risk and Mitigation Strategies for Radiation from Cell Towers – A Research Outlook".** Chief Guest is **Dr. Lakshmi Sutha G, Associate Professor, NIT Puducherry**. The event held on 08.09.2023 and 09.09.2023.

- Department of ECE, conducted a DST – SERB sponsored two days National level seminar on the title **"Machine Learning Techniques for Spectrum Prediction in Cognitive Radio Networks".** Chief Guest was **Dr. Mouragayan K, Program Director, Scientist – F, SAMEER – Centre for Electromagnetics, Chennai.** This event was held on 22.9.2023 and 23.09.2023.

- Department of ECE, conducted a DST – SERB sponsored two days National level seminar on the title **"Recent Trends on Smart Antennas in mm Wave Technology".** Chief Guest was **Dr. Karthikeyan S S, Associate Professor, Department of ECE, NIT Tiruchirapalli**. This event was held on 22.09.2023 and 23.09.2023.

MOTIVATION TALK:

- The Department of Electronics and Communication Engineering of R.M.K. College of Engineering and Technology conducted "**MOTIVATION TALK**" on placements to all the 3rd year and 2nd year ECE students 23.08.2023.

- The Department of Electronics and Communication Engineering conducted "**Motivation Talk**" on placements to first year ECE students by Alumnus working with HCL technologies, Kaar Technologies and CTS on 04.09.2023.

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- One of the **Alumni Nagaraj M** (2014-18) working in Amazon India Pvt. Ltd as a ML Data Engineering Services addressed the lateral entry students from third and fourth year and shared valuable thoughts on 04.09.2023.

ONLINE ORIENTATION CUM MOCK INTERVIEW:

- **Ms. SeshaVidhya S** counsellor and **Ms. Karthikala P (2009-2013) batch alumni** conducted an orientation cum mock interview on 06.07.2023 for her TCS shortlisted counseling students.
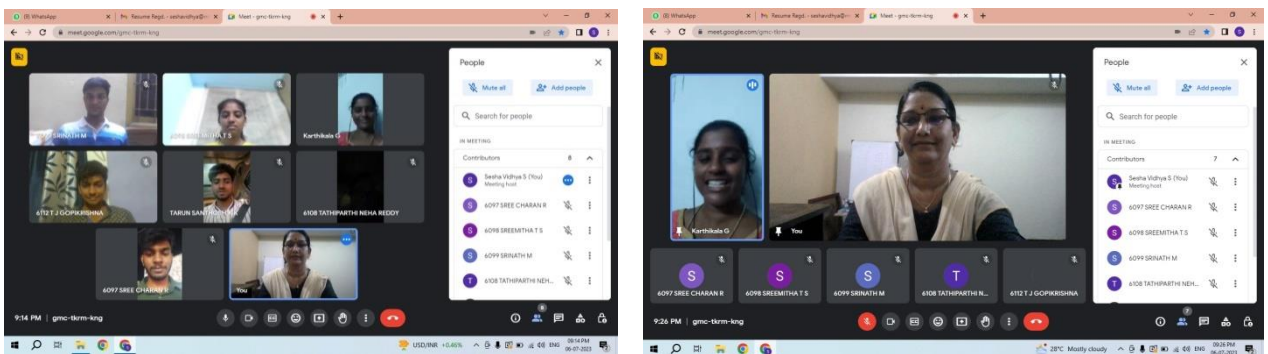
- **Dr. Chettiyar Vani Vivekanandan** conducted Mock Interview for her mentees who got short listed in TCS. **Santosh Kumar S (Alumni)** conducted interview in three aspects. 1.Coding Round 2. Technical Round 3. HR Round. Finally he gave suggestions for improvement, on 08.07.2023.

- **Mr.Sathyaraj P** conducted second Mock Interview for his Mentees with **Ms.Karthikala P, TCS (Alumni)** on 09.07.2023.

- Mentor **Dr. Muthumanickam S** conducted one more round of mock interview with our **alumni Vishal V** on 10.07.2023.
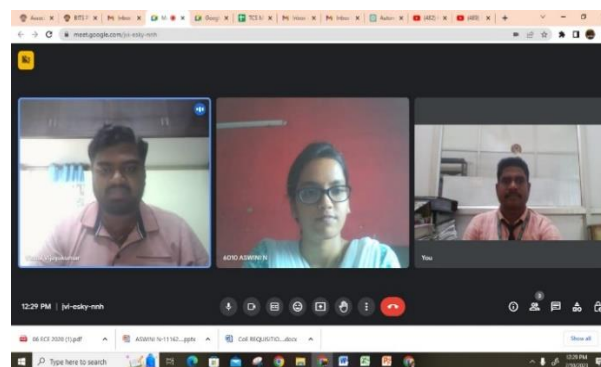
- Mentor **Ms. Komathi B J** conducted one more round of mock interview with our **alumni Logeshwari R** on 10.07.2023.
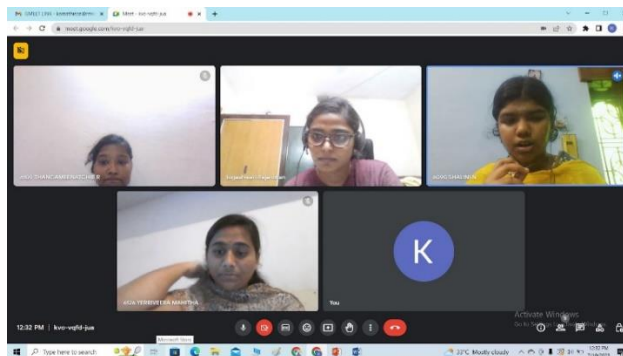
- **Dr. Praveena N G and Mr. Sathyaraj P** conducted online mock interview along with **alumni Mr.Venkatachalam,** on 10.7.2023.

- Mentors **Dr. Arun C, Mr. Theodore Kingslin and Mr. Vijayanand R.,** conducted Third Mock interview along with the **Alumni Mr.Santhosh (TCS)** on 10.7.2023.

- **Ms. Rajalakshmi S.,** conducted 2nd Mock interview for her Mentee **Ms. Swetha Reddy A** to crack her TCS interview. Interview was done by **Alumni Ms.Vinisha (TCS)** on 10.7.2023
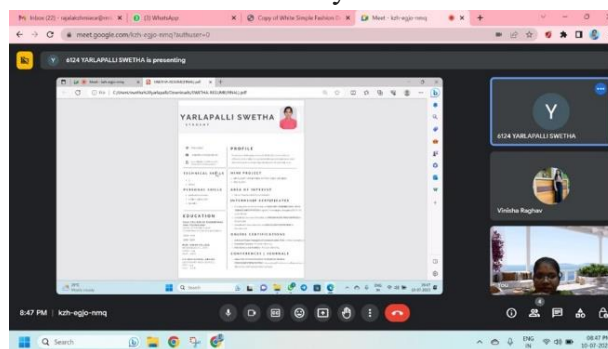
- **Ms. Samuda Prathima.,** counsellor conducted mock interview for her mentees on 11.07.2023.
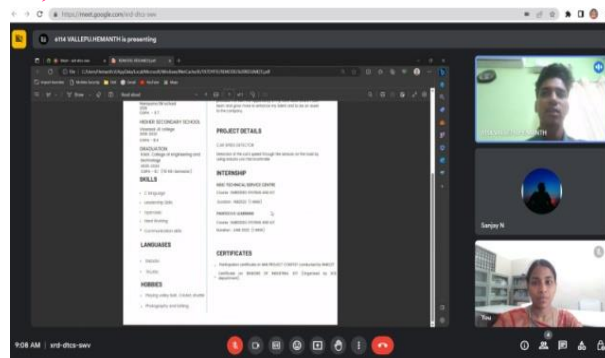
- **Ms. Sesha Vidhya S.,** conducted one to one HR mock interview. The panel member was **Ms.Kayalvizhi P(2010-2014 batch Alumni)** from TCS on 11.07.2023.
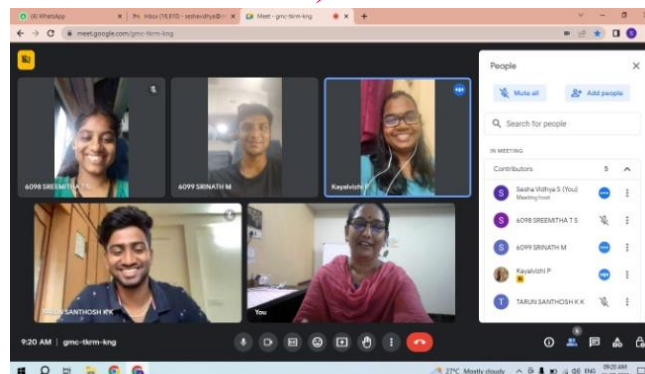
- **Dr. Chettiyar Vani Vivekanand.,** conducted mock interview on 13.8.2023. **Mr.Krishna S (Alumni, Zoho)** was in the panel.

- **Ms. SeshaVidhya S.,** counsellor conducted Mock interview for 3 (Sundarajan, Jeeva and Prasanth) Accenture shortlisted students on 17.08.2023 at 10.30 AM by **Ms.Durga P(Alumni)** from 2017-2021 batch.

- **Mr. Rajagopal R.,** Counsellor, conducted a meeting for all the Johnson control shortlisted students with our **alumni Mr. Diyyala Praveen**, on 30.9.2023.
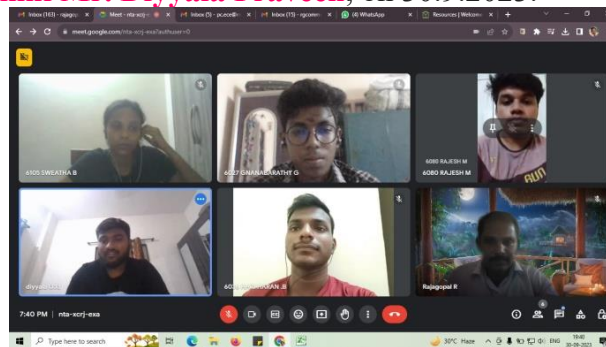
ONLINE MENTOR MEETING :

- Head of ECE Department conducted mentors meeting on 06.07.2023. One of the mentor, **Mr. M. Theodore Kingslin** presenting his mentees details and progress towards placements.
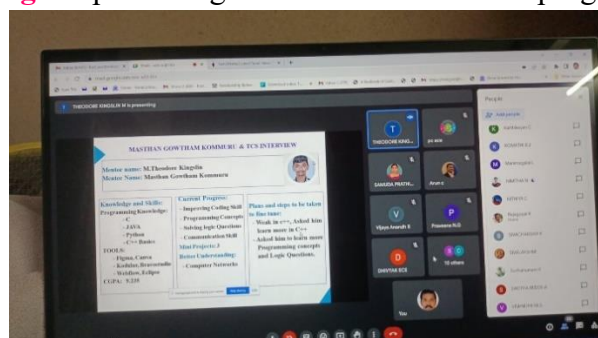
BRAIN STORMING EVENT:

- **Ms. Sivalakshmi P.,** conducted a brainstorming session for her mentees with **alumni Ms. Deepti J,** she is working as a full time employee @Tata Elxi. She motivated our present final year's for interview process which was scheduled on 09.08.2023.

ORIENTATION PROGRAM:

- Department of ECE, organized **orientation Program** for II Year ECE Students by giving an detailed insight of the department activities like Training and Placement, Higher Education process, and Centre of Excellence on 08.08.2023.

- Department of ECE, organized **orientation Program** for III Year ECE Students by giving an detailed insight of the department activities like Training and Placement, Higher Education process, and Centre of Excellence on 12.08.2023.

- Department of ECE, organized **orientation program** to the I Year ECE Students. **Dr. Kannan K and Mr. Sathyaraj P,** organized the program on 02.09.2023.
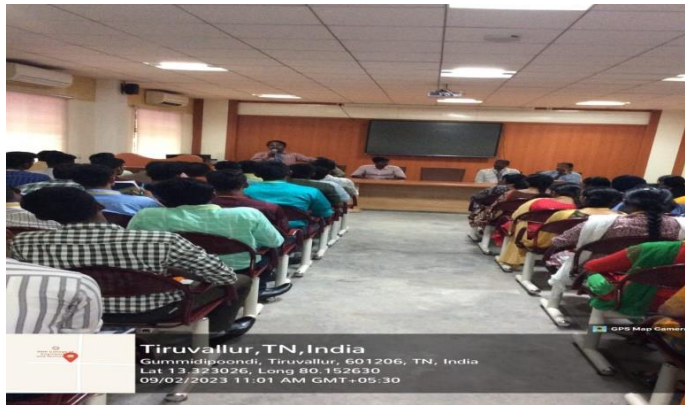
PARENTS MEETING:

- Department of ECE conducted **Parents Meeting** with the yet to placed students and their parents on 07.10.2023.

EXPERTS TALK:

- Department of ECE conducted **EXPERTS TALK** on the topic **"Cracking the code to success: SIH 2023"** for all the SIH participants on 07.10.2023. Resource Persons: **1. Dr.Babu M,Sr. Verification Engineer, Chipsolve technologies Pvt. Ltd.,Hyderabad,2. Mr.Kiran R Senior Software Engineer, Presidio Solutions Private Ltd.,3. Mr.Santhosh Kumar S, SAP SD Analyst, Kaar Technologies, Chennai.**

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SCIENCE CLUB:

- The Department of Electronics and Communication Engineering Science Club conducted **Circuit debugging at 3 levels** of Competition on the theme **"Circuit Hackathon"** on 13.10.2023 for II ,III and IV Year ECE Students.

- The **'SCIENCE CLUB'** of Electronics and Communication Engineering, conducted two rounds of Competition under the theme **"BRAINIACS CHALLENGE"** for III Year ECE Students on 20.10.2023 .

QUIZ CLUB:

- The **"Mind Bender - A Quiz Contest 'Test Your Quizzing Prowess'"** on General Knowledge (GK), Mathematics, Science & Technology and Current Affairs. Quiz been conducted by the **QUIZ CLUB**, Department of ECE, RMK College of Engineering and Technology on 11.10.2023 for II, III and IV Year ECE Students.

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- The **"Brain Blast - A Quiz Competition"** has been organized by the **QUIZ CLUB**, Department of ECE, RMK College of Engineering and Technology on 10.11.2023 for II, III and IV Year ECE Students.
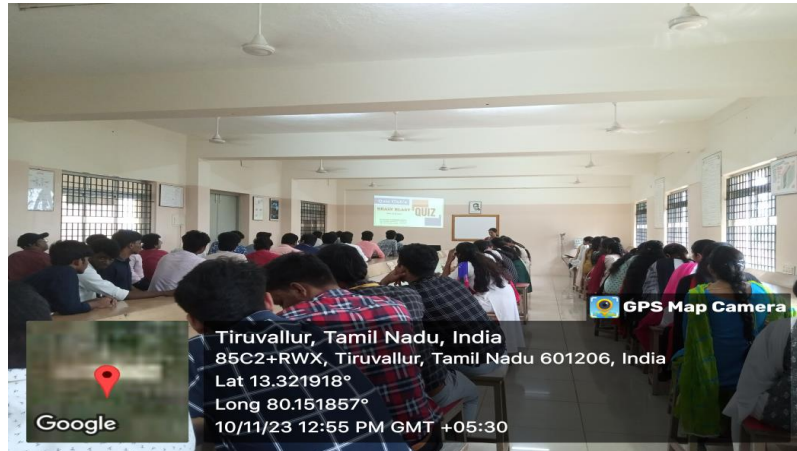
LITERARY CLUB:

- An interrogative gaming Contest titled, **"WORD SUDOKU"** has been conducted by the **LITERARY CLUB**, Department of ECE, R.M.K College of Engineering and Technology on 14.10.2023 for 2020, 2021 and 2022 Batch ECE Students.

- An interrogative gaming Contest titled, **"CAPTION CONTEST"** has been conducted by the **LITERARY CLUB,** Department of ECE, R.M.K College of Engineering and Technology on 10.11.2023 for 2020, 2021 and 2022 Batch ECE Students.

PHOTOGRAPHY CLUB:

- The Department of Electronics and Communication Engineering, **"Photography Club"** conducted a "**Nature Textures",** on 20.10.2023 for II, III and IV Year ECE Students.

- The Department of Electronics and Communication Engineering, **"Photography Club"** conducted a **Visions Unveiled: A Conceptual Photography Showcase"** 08.11. 2023 for II, III, and IV Year ECE Students.

CREATIVE ARTS CLUB:

- The Department of Electronics and Communication Engineering, **"Creative Art Club"** conducted a competition on **"FANTASY WRITING USING SCI-FI"** on 21.10.2023 for IV, III and II Year ECE Students.

- The event **"TRACE YOUR DREAMS"** Competition was planned to be conducted by the **CREATIVE ART CLUB**, Department of ECE, RMK College of Engineering and Technology on 14.11.2023 for IV, III and II Year ECE Students.

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ECO – DIRT CLUB:

- The **ECO –DIRT Club** of Electronics and Communication Engineering conducted **POSTER PRESENTATION CONTEST** on the theme **"GREEN AND SUSTAINABLE ENVIRONMENT"** on 07.11.2023.

- **ECO –DIRT Club** of Electronics and Communication Engineering conducted **EPIGRAM CONTEST** on the theme "**PROMOTING GREE ENERGY"** on 13.11.2023.

CODING CLUB:

- The Department of Electronics and Communication Engineering, **"Coding Club"** conducted **"Coding Club conducted Prograthon Online Coding Competition"** on 21.10.2023. for IV,III and II Year ECE Students.
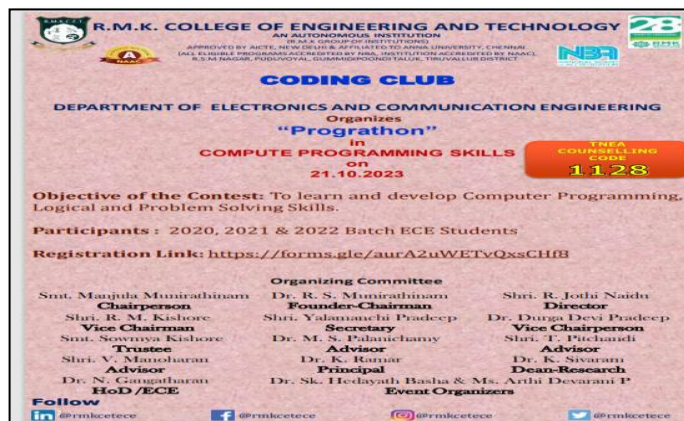
- The Department of Electronics and Communication Engineering, **Coding Club** conducted Online Coding Competition in Software Programming on 11.11.2023.
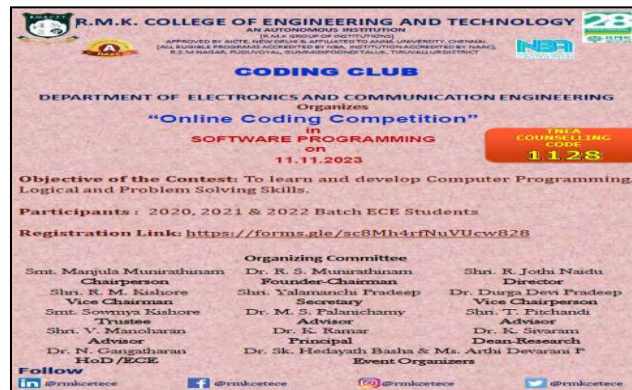
POSTER MAKING CLUB:

- The Department of Electronics and Communication Engineering, **"Poster Making Club"** conducted a Poster Presentation Competition on the theme **"'The Teachers We Need for the Education We Want: The Global Imperative to Reverse the Teacher Shortage'"** on 05.10.2023 for IV, III and II Year ECE Students.
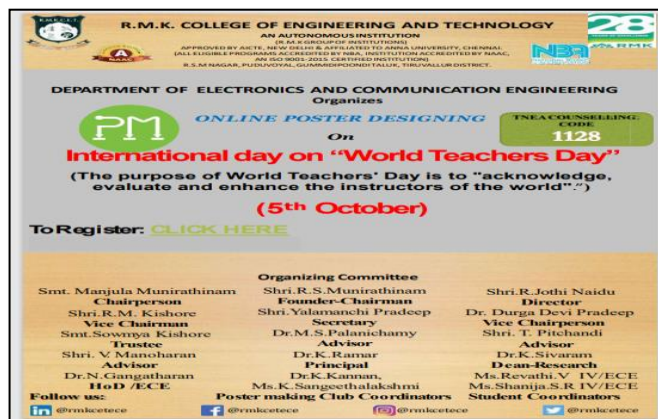
- A Poster design Competition on the theme **"SEMICONDUCTOR INDUSTRY AT 2030"** has been conducted by the **POSTER MAKING CLUB**, Department of ECE, RMK College of Engineering and Technology on 15.10.2023 for IV,III and II Year ECE Students.

INDUSTRIAL VISITS:

1. II ECE A, B and C students visited "**CSIR – Madras Complex**", at Tharamani on 26.09.2023.

2. II Year A section students visited "**Integral Couch Factory – Rail Museum**", at Villivakam on 12.10.2023.

3. II Year B and C sections students visited "**Integral Couch Factory – Rail Museum**", at Villivakam on 13.10.2023.

4. II Year A and B section students visited "**National Institute of Ocean Technology",** at Pallikaranai, Chennai on 11.08.2023.

5. III Year C section students visited **"IIT Madras Research Park",** at Tharamani on 02.09.2023.

6. III Year A and C section students visited "**Tamilnadu Transmission Corporation Limited",** at Sriperumbudur on 18.10.2023.

7. III Year B section students visited **"Tamilnadu Transmission Corporation Limited",** at Sriperumbudur on 19.10.2023.

GUEST LECTURE:

- A Guest Lecture titled, **" Introduction to 5G technology and its key concepts"** was organized by the ECE Department, on 31st August, 2023 at 6 pm for all the ECE students and faculty. Resource Person: **Dr.Sriharipriya K C., Associate Professor, School of Electronics Engineering (SENSE), Vellore Institute of Technology, Vellore**.

- A Guest Lecture titled, **"Automotive Antennas for V2x Communications "**was organized by the ECE Department, on 4th September, 2023 at 5.30 pm for IV year ECE students and faculty. Resource Person **: Dr. Arumugam Sriram, Faculty at Department of ECE, S.R.M. Institute of Science and Technology, Kattankulathur.**

- A Guest Lecture titled, **"Data Analytics for Smart Telemedicine"** was organized by the ECE Department, on 10th October, 2023 at 10.20 am for all the final year students and faculty. Resource Person: **Dr.Vetrivelan P, Professor, School of Electronics Engineering, (SENSE), Vellore Institute of Technology, Chennai.**

- Guest Lecture titled, **"Scope of Full Stack Software Development "** was organized by the ECE Department, on 6th November, 2023 at 1.30 pm for II year ECE students, Resource Person: **Ms.Shobana M, Technical Head, NIIT Ltd., Chennai.**

- A Guest Lecture titled, **"Placement Guidance"** was organized by the ECE Department, on 20th October, 2023 at 1.30 pm for all Presidio eligible students. Resource Person: **Mr.Rahul, Software Engineer, Presidio Solutions Private Ltd.**
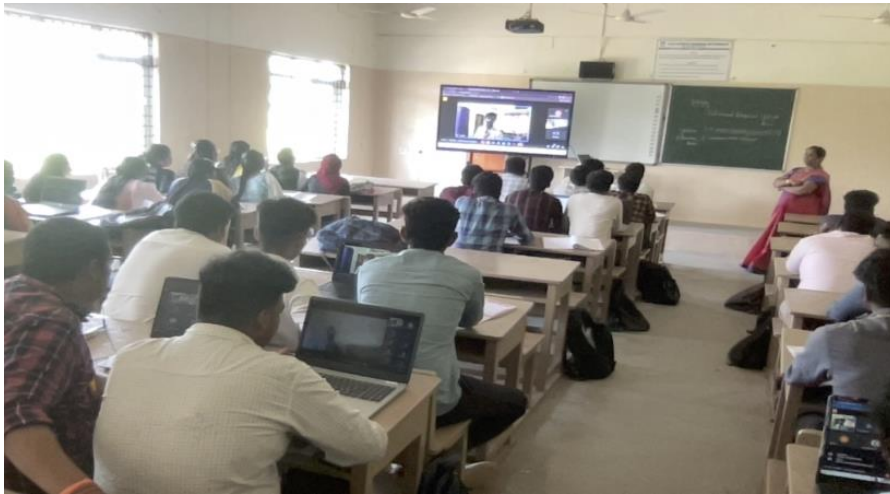
- A Guest Lecture titled, **" Emerging Trends in Digital VLSI Design- From Moore's Law to Beyond "** was organized by the ECE Department, on 2nd November, 2023 at 10.20 am for III year ECE students. Resource Person: **Dr. Noor Mahammad Sk, Associate Professor, Computer Science and Engineering, Indian Institute of Information Technology, Kancheepuram.**

INTERNSHIP/ INPLANT TRAINING:

1. **Aarthi R.,** of final year has attended an internship at **MIT Anna University** from 03-07-2023 to 14-07-2023.
2. **Akash J.,** of final year has attended an internship at **Kodacy- SPACE** from 06-07-2023 to 06-08-2023.
3. **Amirah Lakshmi V R.,** of final year has attended an internship at **Kodacy- SPACE** from 23-07-2023 to 29-07-2023.
4. **Aswin S.,** of final year has attended an internship at **Siemens Centre of Excellence** MIT Anna University from 03-07-2023 to 14-08-2023.
5. **Athul V G.,** of final year has attended an internship at **Kodacy- SPACE** from 23-07-2023 to 22-08-2023.

6. **Darthi V.,** of final year has attended an internship at **Kodacy- SPACE** from 12-07-2023 to 27-07-2023.
7. **Devaraj P.,** of final year has attended an internship at **Madras Institute of Technology** from 03-07-2023 to 14-07-2023.
8. **Dhanushya R.,** of final year has attended an internship at **Kodacy- SPACE** (Virtual Internship) from 02-07-2023 to 17-07-2023.
9. **Dhanushya R.,** of final year has attended an internship at **Kodacy- SPACE** from 03-07-2023 to 18-07-2023.
10. **Durgadevi A .,**of final year has attended an internship at **BSNL** from 10-07-2023 to 14-07-2023.
11. **Ezhilpriya K E.,** of final year has attended an internship at **NSIC-Technical Service Center** from 03-07-2023 to 07-07-2023.
12. **Ganesh K,.** of final year has attended an internship at **BSNL** from 10-07-2023 to 14-07-2023.
13. **Gomathy .G .,**of final year has attended an internship at **BSNL** from 10-07-2023 to 14-07-2023.
14. **Gowtham S.,** of final year has attended an internship at **Marcello Tech** from 26-06-2023 to 01-07-2023.
15. **Hari Haran B.,** of final year has attended an internship at **Kodacy- SPACE** from 07-07-2023 to 06-08-2023.
16. **Jagan M.,** of final year has attended an internship at **Forage** from 21-07-2023 to 28-08-2023.
17. **Jayashree P.,** of final year has attended an internship at **Codebind technologies** from 31-07-2023 to 04-08-2023.
18. **Jayashree S.,** of final year has attended an internship at **NSIC Technical Service Centre** from 03-07-2023 to 07-07-2023.
19. **Jayasri. D.,** of final year has attended an internship at **BSNL** from 10-07-2023 to 14-07-2023.
20. **Jeyabharath .,** of final year has attended an internship at **Kodacy- SPACE** from 09-06-2023 to 24-09-2023.
21. **Kalluru Bhavitha L.,** of final year has attended an internship at **Kodacy- SPACE** from 20-07-2023 to 27-07-2023.
22. **Kamalesh D.,** of final year has attended an internship at **Marcello Tech** from 27-06-2023 to 01-07-2023.
23. **Karthick.S.,** of final year has attended an internship at **Kodacy- SPACE** from 07-07-2023 to 06-08-2023.
24. **Lakshmi Priya S.,** of final year has attended an internship at **Marcello Tech** from 24-07-2023 to 31-07-2023.
25. **Lingeswari S.,** of final year has attended an internship at **Forage** from 24-07-2023 to 26-07-2023.
26. **Lokesh R.,** of final year has attended an internship at **Mavish Infrabees** from 01-07-2023 to 15-07-2023.
27. **Maaneesha S.,** of final year has attended an internship at **INFOSYS** from 25-07-2023 to 05-08-2023.
28. **Mohammed Asif Ibrahim.S.,** of final year has attended an internship at **Kodacy- SPACE** from 01-07-2023 to 15-07-2023.
29. **Murugappan PR.,** of final year has attended an internship at **YBI Foundation** from 03-07-2023 to 03-08-2023.
30. **Nivetha.S.,** of final year has attended an internship at **Kodacy- SPACE** from 20-07-2023 to 03-08-2023.
31. **Perim Ganesh .,** of final year has attended an internship at **Marcello Tech** from 27-06-2023 to 01-07-2023.
32. **Priyadarsini . S.,** of final year has attended an internship at **Kodacy- SPACE** from 01-07-2023 to 15-07-2023.

33. **Priyadharshini S.,** of final year has attended an internship at **Kodacy- SPACE** from 05-07-2023 to 03-08-2023.
34. **Punithamary.M.,**of final year has attended an internship at **Kodacy- SPACE** from 19-06-2023 to 19-07-2023.
35. **Purnananda Rao P G.,** of final year has attended an internship at **YBI Foundation** from 05-07-2023 to 05-08-2023.
36. **Rahul Kumar V N.,** of final year has attended an internship at **YBI Foundation** from 04-07-2023 to 01-08-2023.
37. **Rampriya S,.** of final year has attended an internship at **Marcello Tech** from 24-07-2023 to 31-07-2023.
38. **Revathi V.,** of final year has attended an internship at **Kodacy- SPACE** from 04-07-2023 to 04-08-2023.
39. **Sai Shravanthi EV.,** of final year has attended an internship at **Kodacy- SPACE** from 22-06-2023 to 21-07-2023.
40. **Sandeep V.,** of final year has attended an internship at **TXON** from 10-07-2023 to 08-08-2023.
41. **Shalini N.,** of final year has attended an internship at **Kodacy- SPACE** from 03-07-2023 to 17-07-2023.
42. **Shanija S R.,** of final year has attended an internship at **Kodacy- SPACE** from 15-06-2023 to 15-07-2023.
43. **Sharan V.,** of final year has attended an internship at **Respo Labs** from 26-06-2023 to 12-07-2023.
44. **Sowmya B .,**of final year has attended an internship at **Kodacy- SPACE** from 04-07-2023 to 18-07-2023.
45. **Srinath M.,** of final year has attended an internship at **Kodacy- SPACE** from 21-07-2023 to 04-08-2023.
46. **Srisha V.,** of final year has attended an internship at **Kodacy- SPACE** from 15-06-2023 to 15-07-2023.
47. **Sruthe K.,** of final year has attended an internship at **Mavish Infrabees** from 01-07-2023 to 20-07-2023.
48. **Sundaravalli S.,** of final year has attended an internship at **ACADEMIC2IT** from 11-07-2023 to 15-07-2023.
49. **Sweatha B.,** of final year has attended an internship at **Kodacy- SPACE** from 05-07-2023 to 19-07-2023.
50. **Swetha N.,** of final year has attended an internship at **Kodacy- SPACE** from 23-06-2023 to 22-07-2023.
51. **Thangameenatchie R.,** of final year has attended an internship at **Kodacy- SPACE** from 05-07-2023 to 20-07-2023.
52. **Thendral A.,** of final year has attended an internship at **Kodacy- SPACE** from 15-06-2023 to 15-07-2023.
53. **Gopikrishna T J.,** of final year has attended an internship at **Siemens Centre of Excellence MIT Campus** from 03-07-2023 to 28-07-2023.
54. **Varshini S .,**of final year has attended an internship at **Kodacy- SPACE** from 20-07-2023 to 03-08-2023.
55. **Vasantha Krishnan S.,** of final year has attended an internship at **Kashiv Technology** from 24-07-2023 To 28-07-2023.
56. **Vishwanathan S.,** of final year has attended an internship at **"MIT Campus Anna University"** from 17-07-2023 to 28-07-2023.

57. **Yarlapalli Swetha.,** of final year has attended an internship at **iGEEKS Briding** Technology from 06-07-2023 to 06-08-2023.
58. **Yerriveera Mahitha.,** of final year has attended an internship at **Kodacy- SPACE** from 20-07-2023 to 27-07-2023.
59. **Yeshwanth V G.,** of final year has attended an internship at **Ashok Leyland Ltd.** Unit - II Hosur from 19-06-2023 to 18-07-2023.
60. **Bathrinath S.,** of final year has attended an internship at **CSI** from 28-06-2023 to 07-07-2023.
61. **Abarna S.,** of third year has attended an internship at **Kaashiv Infotech** from 07-07-2023 to 22-07-2023.
62. **Abinaya G.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 10-07-2023.
63. **Abirami P.,** of third year has attended an internship at **NSIC Technical Service Centre** from 26-06-2023 to 10-07-2023.
64. **Aishwarya S.,** of third year has attended an internship at **ResPro Labs** from 26-06-2023 to 12-07-2023.
65. **Ajay Vikram. S.,** of third year has attended an internship at **UNIQ Technologies** from 27-06-2023 to 14-07-2023.
66. **Akshay. C.,** of third year has attended an internship at **UNIQ Technologies** from 27-06-2023 to 14-07-2023.
67. **Akula Srujan.,** of third year has attended an internship at **NSIC Technical Service Centre** from 19-06-2023 to 27-06-2023.
68. **Anirudh M.,** of third year has attended an internship at **NSIC-Technical Service Centre** from 19-06-2023 to 03-07-2023.
69. **Aravind P.,** of third year has attended an internship at **UNIQ Technologies** from 27-06-2023 to 14-07-2023.
70. **Arjun.S .,**of third year has attended an internship at **Virtual Tech Service** from 01-07-2023 to 05-08-2023.
71. **Ashwin Kumar M.,** of third year has attended an internship at **NSIC-Technical Services Centre** from 03-07-2023 to 14-07-2023.
72. **Ashwin.R.,** of third year has attended an internship at **NSIC Technical Service Centre** from 03-07-2023 to 14-07-2023.
73. **Barkha Varshney A.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
74. **Bhavani P.,** of third year has attended an internship at **NSIC Training Center** from 26-06-2023 to 07-07-2023.
75. **Boobalan N.,** of third year has attended an internship at **BSNL** from 19-06-2023 to 01-07-2023.
76. **Charan N.,** of third year has attended an internship at **NSIC Technical Service Centre** from 10-07-2023 to 21-07-2023.
77. **Daisy Evelyn D.,** of third year has attended an internship at **NSIC Technical Service Centre** from 26-06-2023 to 03-07-2023.
78. **Devaraaj V.,** of third year has attended an internship at **Schneider Electric private limited** from 03-07-2023 to 22-07-2023.
79. **Devi V.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
80. **Dhaarani S.,** of third year has attended an internship at **NSIC Technical Service Centre** from 26-06-2023 to 03-07-2023.
81. **Dhanalakshmi R.,** of third year has attended an internship at **Kaashiv Infotech** from 28-06-2023 to 07-07-2023.

82. **Dhanish S.,** of third year has attended an internship at **UNIQ Technologies** from 27-06-2023 to 14-07-2023.
83. **Dhanush R.,** of third year has attended an internship at **Schneider Electric India Pvt. Ltd** from 03-07-2023 to 22-09-2023.
84. **Dhanushiya E.,** of third year has attended an internship at **Kaashiv Infotech** from 07-07-2023 to 22-07-2023.
85. **Dharshini S.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
86. **Dhinakar M.,** of third year has attended an internship at **UNIQ Technologies** from 27-06-2023 to 14-07-2023.
87. **Faizal Abbas A R.,** of third year has attended an internship at **UNIQ Technologies** from 27-06-2023 to 14-07-2023.
88. **Gokulakrishnan M.,** of third year has attended an internship at **NSIC Technical Service Centre** from 17-07-2023 to 21-07-2023.
89. **Gokulakrishnan S.,** of third year has attended an internship at **Schneider Electric India Pvt Ltd** from 03-07-2023 to 23-07-2023.
90. **Gopika Sri M.,** of third year has attended an internship at **NSIC Technical Service Centre** from 26-06-2023 to 03-07-2023.
91. **Govardhan E L.,** of third year has attended an internship at **UNIQ Technologies** from 27-06-2023 to 14-07-2023.
92. **Guruprasad M H.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 21-07-2023.
93. **Haarishram S.,** of third year has attended an internship at **Purpleslate** from 20-07-2023 to 03-08-2023.
94. **Hareni R.,** of third year has attended an internship at **Respro Labs** from 25-06-2023 to 12-07-2023.
95. **Harinisree S.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 03-07-2023.
96. **Hemalatha K.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
97. **Hemanth Kumar V.,** of third year has attended an internship at **Kaashiv Infotech** from 16-07-2023 to 31-07-2023.
98. **Jai Sunjai S.,** of third year has attended an internship at **Schneider Electric** from 03-07-2023 to 18-07-2023.
99. **Jai Krishna B.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
100. **Jai Krishna V S.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
101. **Jansi K.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
102. **Jayapriyan S.,** of third year has attended an internship at **Schneider Electric** from 03-07-2023 to 18-07-2023.
103. **Jayachandran J.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 21-07-2023.
104. **S.Jayasri.,** of third year has attended an internship at **NSIC Technical Services Centre** from 03-07-2023 to 14-07-2023.
105. **Jeswin Silvaa N.,** Y of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.

106. **Jones Benet C.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
107. **Jothika S.,** of third year has attended an internship at **NSIC Technical Services Centre** from 03-07-2023 to 14-07-2023.
108. **Karthik Sekar G.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 21-07-2023.
109. **Karthikeeyan S.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 03-07-2023.
110. **Kavishree R.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
111. **Kavitha C.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
112. **Kaviya M.,** of third year has attended an internship at **Forage** from 18-07-2023 to 24-07-2023.
113. **Kaviya S.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 24-07-2023.
114. **Kaviya Sri R.,** of third year has attended an internship at **Respro Labs** from 20-06-2023 to 12-07-2023.
115. **Keerthanaa R.,** of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
116. **Koushigan P.,** of third year has attended an internship at **Saint-Gobain India Pvt. Ltd** from 28-06-2023 to 12-07-2023.
117. **Krithick Kanna.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 10-07-2023.
118. **Lokeshwaran. R.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 10-07-2023.
119. **Mohammed Huzaifa M H.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 10-07-2023.
120. **Maddina Nandeesh.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 21-07-2023.
121. **Mithra M D**., of third year has attended an internship at **Respro Labs** from 26-06-2023 to 12-07-2023.
122. **Mohamed Anas.,** of third year has attended an internship at **Schneider Electric** from 03-07-2023 to 18-07-2023.
123. **Monika G.,** of third year has attended an internship at **Schneider Electric** from 03-07-2023 to 18-07-2023.
124. **Monika K.,** of third year has attended an internship at **Schneider Electric** from 03-07-2023 to 18-07-2023.
125. **Muckesh K S.,** of third year has attended an internship at **NSIC Technical Services Centre** from 03-07-2023 to 14-07-2023.
126. **Murugavel TR.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 24-07-2023.
127. **Nanda G.,** of third year has attended an internship at **NSIC Technical Services Centre** from 03-07-2023 to 14-07-2023.
128. **Nandhini S** ,. of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 24-07-2023.
129. **Navaneethakrishnan V.,** of third year has attended an internship at **Pantech** from 28-06-2023 to 28-07-2023.

130. **Nethra P.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 24-07-2023.
131. **Niveha Shree A.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
132. **Pavithra Kruthika J.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 24-08-2023.
133. **Poojitha AK.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 24-07-2023.
134. **B.K.Praveen.,** of third year has attended an internship at **NSIC Technical Services Centre** from 03-07-2023 to 14-07-2023.
135. **Priya T S.,** of third year has attended an internship at **Engine Factory Avadi** from 19-06-2023 to 01-07-2023.
136. **Priyanka A.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
137. **Ramya Charitha P.,** of third year has attended an internship at **Pantech e Learning** from 28-06-2023 to 28-07-2023.
138. **Rahul.,** of third year has attended an internship at **NSIC Technical Services Centre** from 10-07-2023 to 25-07-2023.
139. **Rajasekaran R.**,of third year has attended an internship at **Phoenix Softech** from 29-06-2023 to 19-07-2023.
140. **Rakesh D.,** of third year has attended an internship at **Pantech e Learning** from 28-06-2023 to 28-07-2023.
141. **Ranjitha S.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
142. **Sandhiya B.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
143. **Sangitha M.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
144. **Santhosh Kumar S.,** of third year has attended an internship at **Agnisai Enterprises** from 20-06-2023 to 12-07-2023.
145. **Saranraaj T.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
146. **Saranya R.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
147. **Shamridhi S.P.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
148. **Shankar JG.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 10-07-2023.
149. **Sharan T.,** of third year has attended an internship at **Phoenix Softech** from 26-06-2023 to 15-07-2023.
150. **Sharathkumar S.,** of third year has attended an internship at **Combat Vehicles Research & Development Establishment (CVRDE)** from 19-06-2023 to 19-07-2023.

151. **Sharmila V R.,** of third year has attended an internship at **ThoughtNext** from 10-07-2023 to 24-07-2023.
152. **Shreenidhi D.,** of third year has attended an internship at **ITC Limited** from 01-07-2023 to 26-07-2023.
153. **Shrimathi D.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
154. **Shyam Sundar R.,** of third year has attended an internship at **NSIC Technical Services Centre** from 03-07-2023 to 14-07-2023.
155. **Sri Gayathri R.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 03-07-2023.
156. **Sri Shylesh Raghul J.,** of third year has attended an internship at **NSIC Technical Services Centre** from 19-06-2023 to 03-07-2023.
157. **Srijaa J.,** of third year has attended an internship at **ITC Limited** from 01-07-2023 to 26-07-2023.
158. **Sujitha D.,** of third year has attended an internship at **NSIC Technical Services Centre** from 26-06-2023 to 04-07-2023.
159. **Sunil Kumar U.,** of third year has attended an internship at **Azure Skynet** from 30-06-2023 to 13-08-2023.
160. **Surya K M.,** of third year has attended an internship at **Combat Vehicles Research & Development Establishment (CVRDE)** from 19-06-2023 to 19-07-2023.
161. **Sushma A G.,** of third year has attended an internship at **Engine Factory Avadi** from 19-06-2023 to 01-07-2023.
162. **Tharunsaikumar DP.,** of third year has attended an internship at **NSIC - Technical Services Centre** from 03-07-2023 to 14-07-2023.
163. **Thejanath. S.,** of third year has attended an internship at **CVRDE (Combat Vehicles Research Development Establishment)** from 19-06-2023 to 19-07-2023.
164. **Vandana P.,** of third year has attended an internship at **NSIC-Technical Service Center** from 03-07-2023 to 17-08-2023.
165. **Vandana S.,** of third year has attended an internship at **NSIC-Technical Service Center** from 19-06-2023 to 03-07-2023.
166. **Varsha T A.,** of third year has attended an internship at **NSIC - Technical Services Centre** from 10-07-2023 to 24-07-2023.
167. **Vignesh Kumar S.,** of third year has attended an internship at **Schneider Electric** from 03-07-2023 to 22-07-2023.
168. **Vijayadharshini S.,** of third year has attended an internship at **NSIC - Technical Services Centre** from 19-06-2023 to 03-07-2023.
169. **Mudhireddy Kavya.,** of third year has attended an internship at **Internshala Trainings** from 18-06-2023 to 30-07-2023.
170. **Pavan R.,**of third year has attended an internship at **Kodacy- SPACE** from 01-07-2023 to 15-07-2023.
171. **Thejanath S.,** of third year has attended an internship at **CVRDE (Combat Vehicles Research Development Establishment)** from 19-06-2023 to 19-07-2023.

STUDENT ACTIVITIES:

Student Awards/ Honors Received:

1. **Suvalakshmi,** of II ECE have received "**Elam Padaippalar"** from Eluthuga Sangam, on 12.10.2023.

2. **Shrimathi .,** of III ECE have received "**Uipath Student Developer Champion**" on 18.11.2023.

3. **Praveen B K., Purushothaman N R., Nanda G and Muckesh K S.,** of III ECE have won second prize in "**National Level Hackathon"** held at Oriental Institute of Science and Technology Bhopal, on 13.10.2023 to 14.10.2023.

PAPER PRESENTED IN CONFERENCE:

- Chettiyar Vani Vivekanand., **Navaneethakrishnan V**., "**A Survey On Emerging Technologies In Wireless Communication (Intelligent Reflecting Surface(IRS)"**, National Conference on Innovative Research In (Electrox'23) on 28.10.2023.

- Chettiyar Vani Vivekanand., **Hemalatha K.,Kishorekannan.,Pradeep KY.,Sanjeevram S.,Dharaani S.,Shrimathi D**., "**Review Of Channel Estimation Algorithm I Orthogonal Time Frequency Space**", National Conference on Innovative Research (Electrox'23) on 28.10.2023.

- Sesha Vidhya S., **Revathi V., Rampriya S., Punithamary M., "Alcohol detector using MQ3 sensor with alert buzzer and OLED Indication",** 3rd National Conference on"FRESHCON2K23", organized by ASET College of Science and Technology, Chennai, on 24.11.2023.

- Sesha Vidhya S., **Sreemitha T S., Shanija S R., Varshini S., Srisha V., "Audio Augmented reality smart glass",** National Conference on Recent Advances in Mechanical Sciences-NCRAMS'23, organized by Rajalakshmi Engineering College, on 15.12.2023 and 16.12.2023.

- Sesha Vidhya S., **Maaneesha S., Kalluru Bhavitha., Nivetha S., "Integration of Optical Network with Radio Access Network",** National Conference on Recent Advances in Mechanical Sciences-NCRAMS'23, organized by Rajalakshmi Engineering College, on 15.12.2023 and 16.12.2023.

- Sesha Vidhya S., **Srinath M.,Vishwanathan S., Yeshwanth V G., Suriya Babu P., "Celestial Glide",** National Conference on Recent Advances in Mechanical Sciences-NCRAMS'23, organized by Rajalakshmi Engineering College, on 15.12.2023 and 16.12.2023.

Students Attended workshop / training / symposium / webinar

1. **Sam Jefferson JL., Dinesh S., Magesh Ram S A., Shaik Junaidh Ahamed J., Hari Prasath R., Prem Kumar N., Darshan S and Akash Vummitti.,** of II year attended symposium "**WISSENAIRE'2"** at Saveetha Institute of Medical and Technical Sciences, on 23.08.2023.

2. **Murugappan PR.,** of IV year attended symposium event "**Stellar Hunt**" at LOYALA-ICAM, on 16.09.2023.

3. **Tharun Kumar P and Shamridhi S P.,** of III year attended symposium event "**Tech Talk**" at LOYALA-ICAM, on 16.09.2023.

4. **Manushvanth S and Lithish Kannan V.,** of II year attended symposium event "**Qiuzz Itch**" at LOYALA-ICAM, on 16.09.2023.

5. **ShankarJG.,**of III year attended symposium event" **Quantum Quiz**" at, Chennai Institute of Technology, on 16.09.2023.

6. **Keerthanaa R.,** of III year attended symposium event **"Paper Presentation"** at LOYALA-ICAM, on 16.09.2023.

7. **Jayashri T .,**of III year attended workshop "**Drone Technology**", at Chennai Institute of Technology, on 16.09.2023.

8. **Kaviya Sri R., Mithra M D and Keerthanaa R.,** of III year attended symposium event "**Paper Presentation**" at LOYALA-ICAM, on 16.09.2023.

9. **Divitha R.,** of II year attended symposium event "**Reverse Engineering**" at Chennai Institute of Technology, on 16.09.2023**.**

10. **Divitha R.,** of II year attended symposium event "**Cipher Zone**" at Chennai Institute of Technology, on 16.09.2023**.**

11. **Shrimathi D.,** of III year attended symposium event "**Hogwarts Techtug**" at Chennai Institute of Technology, on 16.09.2023.

12. **Srisha V and Thendral A.,** of IV year attended symposium event "**Circuitronix**" at LOYALA-ICAM, on 16.09.2023.

13. **Kavi Shree R.,** of III year attended symposium event "**Code-A-Thon**" at Chennai Institute of Technology, on 16.09.2023.

14. **Jansi K.,** of III year attended symposium event "**Duo Developer**" at Chennai Institute of Technology, on 19.09.2023.

15. **Jansi K.,** of III year attended symposium event "**Glitched**" at Chennai Institute of Technology, on 19.09.2023.

16. **Amritha S.,** of II year attended symposium "**Eurekathon**" at Chennai Institute of Technology, on 21.09.2023.

17. **Shankar JG.,** of III year attended symposium event "**Electromaze**" at Chennai Institute of Technology, on 21.09.2023.

18. **ShankarJG.,** of III year attended symposium event "**Theatro Tech**" at, Chennai Institute of Technology ,on 21.09.2023.

19. **Maheshwaran S and Ragavi R.,** of II year attended symposium event "**Electromaze**" at Chennai Institute of Technology, on 21.09.2023.

20. **Sarighasri A and Parimitha Shri S.,** of II year attended symposium event "**Sustainathon: Hacking For A Future**" at Vellore Institute of Technology, on 29.09.2023.

21. **Charan N., Maddina Nandeesh., Karthick Raj K., Jayachandran J., Saranya R., Abirami S.,Abinaya G ., Dhanalakshmi R and Guruprasad M H.,** of III year attended workshop "**IoT Using Python And Raspberry Pi**" at IIT, on 07.10.2023.

22. **Govardhan E L and Arjun S .,** of III year attended workshop "**AR/VR Workshop**" at SSN College, on 07.10.2023.

23. **Sunil Kumar U.,Sujith Kumar N., Vandana S and Shamridhi S P.,** of III year attended symposium event "**Techive**" at Chennai Institute of Technology ,on 22.09.2023.

24. **Aadesh Krishna M., Ashwin Kumar M and Aswin R .,** of III year attended symposium event "**Jarvis**" at Chennai Institute of Technology ,on 22.09.2023.

25. **Tharun Kumar P.,** of III year attended symposium event "**Techive"** at Chennai Institute of Technology ,on 22.09.2023.

26. **Vandana S.,** of III year attended symposium event "**Pinnalce Paper**" at Chennai Institute of Technology ,on 22.09.2023.

27. **Dhanush ., Gokulakrishnan M and Aravind.,** of III year attended symposium event "**Egg Heads**" at AMITY Global Business School, on 22.09.2023.

28. **Akshay and Anush.,** of III year attended symposium event "**Solution Maker**" at AMITY Global Business School,on 22.09.2023.

29. **Ajay Vikram S., Devaraj and Gokulakrishnan M.,** of III year attended symposium event "**Face It Dare It**" at, AMITY Global Business School, on 22.09.2023.

30. **Gopika Sri M and Daisy Evelyn D.,** of III year attended symposium event "**Paper Presentation**" at, Kings Engineering College, on 22.09.2023.

31. **Karthicj Raj K., Murugavel and Lethesh Humar.,** of III year attended symposium event "**Paper Presentation**" at, Kongu Engineering College, on 11.10.2023.

32. **LetheshKumarJ.,** of III year attended symposium event"**3D Printing And Modelling**" at, Kongu Engineering College, on 11.10.2023.

33. **Kaviya M., Ramya Charitha P ., Saranya R.,K Monika.,Abirami P., M.Hanisha.,Monika G and Ramya Charitha P.,** of III year attended symposium event "**Paper Presentation**" at, Velammal Insitute of Technology, on 14.10.2023.

34. **Aswin S., Aarthi R., R Gomathi.,   and Jayashree.,** of III year attended symposium event "**Paper Presentation**" at, Velammal Insitute of Technology, on 14.10.2023.

35. **Pavithra Kruthika J.,Poojitha Ak and Priya T S.,** of III year attended symposium event "**Paper Presentation**" at, SIMATS Engineering College, on 18.10.2023.

36. **Ajay Vikram S.,Aravind P.,Gokulakrishnan M and Thirumalasetty Venkatesh.,** of III year attended symposium event "**Idea Presentation**" at, SIMATS Engineering College, on 18.10.2023.

37. **Vandana S,Vijayadharshini S.,Shamridhi S P.,Shrimathi D and Sushma A G.,** of III year attended symposium event "**Ideation**" at, SIMATS Engineering College, on 20.10.2023.

STAFF ACTIVITIES:

PATENT FILING:

- **Dr.Inbamalar TM, Dr.Chettiyar Vani Vivekanand, Dr.Gangatharan N,** Lesy Larisha Mary L, Nandhini D and Monisha S, published a patent titled **"Juvenile Geriatric Trinket"** on 01.09.2023.

- **Dr.Arun Chokkalingam, Mr. Jai Ganesh S, Mr. Shaik Hedayath Basha and Ms. Dhivya K,** published a patent title **"Internet of Things (IoT) Based System and Method of Farm Management"** on 01.09.2023.

- **Dr. N. G. Praveena, Dr. N. Gangathran, Mr. K. Siva Chandar, Ms. Samuda Prathima,** published a patent titled **"SENSOR BASED AUTOMATIC WHEEL CHAIR"** on 25.10.2023 and granted on 29.12.2023.

- **Dr.N.G.Praveena, Dr. K. Kannan, Mr.P.Sathyaraj, Ms.Samuda Prathima, Ms. C. Nithya, MS.BJ.Komathi, Ms.S.Swetha reddy** granted a patent titled **"Solar-operated proficient system for precision agriculture using IoT** on 14.12.2023.

GUEST LECTURE / GUEST OF HONOUR:

- **Dr. Chettiyar Vani Vivekanand, Asso. Prof.,** delivered a talk as **Guest Speaker** in 10 days online Faculty Development Program (FDP) **on "Creating an Inclusive Learning Environment"** organized by SRM Institute of Science and Technology, Delhi-NCR Campus from 24.07.2023 to 03.08.2023.

- **Dr. Praveena N G, Asso. Prof.,** delivered **Seminar on "Applications of Blocking Oscillators and Time Base Generators"** organized by Saveetha Engineering College, Tamil Nadu on 20.10.2023.

- **Dr. Shanthi K G, Prof.,** acted as a **NBA External Mock Audit Committee member**, KCG College of Technology, on 03.11.2023.

- **Dr. Shanthi K G, Prof.,** delivered a **Technical talk session on "Recent Advancements in Realtime Hardware Implementation of Signal Processing Techniques"** in IEEE Seasonal School organized by the Department of ECE, Kumaraguru Collge of Technology on 12.12.2023.
- **Dr. Arun C, Prof.,** delivered a **Session on "Modeling and Simulation of Semiconductor Devices for Sensing and Digital Applications"** in AICTE Sponsored ATAL FDP organized by Bharath Institute of Science and Technology Chennai, on 13.12.2023.

PAPERS PUBLISHED IN CONFERENCE:

1. **Theodore Kingslin M.,** Shobana S., Shakunthala M., Vimala Josphine C., **"IoT based on Smart Traffic Lights and Streetlight System",** 2nd International Conference on Edge Computing & Application (ICECAA 2023), organized by, Gnanamani College of Engineering, Namakkal, Tamilnadu on 19.07.2023 to 21.07.2023.

2. **Sesha Vidhya S., Shanthi K G, "Predictive Analytics for Stress Management in the Digital Workplace using IoT",** International Conference on Sustainable Communication Networks and Application (ICSCNA 2023), organized by, Bharath Niketan Engineering College, Theni on 15.11.2023 to 17.11.2023.

3. **Sesha Vidhya S., "Group Teaching Optimization Algorithm with Machine Learning Model for Big Data Analytics",** International Conference on Sustainable Communication Networks and Application (ICSCNA 2023), organized by, Bharath Niketan Engineering College, Theni on 15.11.2023 to 17.11.2023.

4. **Sesha Vidhya S.,** Revathi V., Rampriya S., Punithamary M., **"Alcohol detector using MQ3 sensor with alert buzzer and OLED Indication",** 3rd National Conference on"FRESHCON2K23", organized by ASET College of Science and Technology, Chennai, on 24.11.2023.

5. **Sesha Vidhya S.,** Sreemitha T S., Shanija S R., Varshini S., Srisha V., **"Audio Augmented reality smart glass",** National Conference on Recent Advances in Mechanical Sciences-NCRAMS'23, organized by Rajalakshmi Engineering College, on 15.12.2023 and 16.12.2023.

6. **Sesha Vidhya S.,** Maaneesha S., Kalluru Bhavitha., Nivetha S., **"Integration of Optical Network with Radio Access Network",** National Conference on Recent Advances in Mechanical Sciences-NCRAMS'23, organized by Rajalakshmi Engineering College, on 15.12.2023 and 16.12.2023.

7. **Sesha Vidhya S.,** Srinath M.,Vishwanathan S., Yeshwanth V G., Suriya Babu P., **"Celestial Glide",** National Conference on Recent Advances in Mechanical Sciences-NCRAMS'23, organized by Rajalakshmi Engineering College, on 15.12.2023 and 16.12.2023.

8. **Sangeethalakshmi K.**, **"Smart Ergonomic Practices with IoT and Cloud Computing for Injury Prevention and Human Motion Analysis"**, 1st International Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI-2023), organized by Shri Shankaracharya Institute of Professional Management and Technology Raipur, Chhattisgarh, India, on 29.12.2023 and 30.12.2023.

9. **Sangeethalakshmi K.**, "**Smart Biomechanics System with IoT and Cloud Computing for Injury Prevention and Muscle Fatigue Analysis"**, 2023 3rd International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON), organized by Ghousia College of Engineering, Bangalore, Karnataka , India, on 29.12.2023 and 30.12.2023.

PAPERS PUBLISHED IN JOURNAL:

1. M. Emimal, W. Jino Hans, **Inbamalar T M**, N Mahiban Lindsay, Tejas N. V, Sri Sudarsan T. R, B. Surya Prakash **"Classification of EMG Signals for Myoelectric Prosthesis with Feature Images"** IEEE xplore, 2023 4th International Conference for Emerging Technology (INCET), Belgaum, India, July 2023. **(Scopus)**

2. Sadhanandan C.K., **Inbamalar Tharcis Mariapushpam** I., Suresh S. **"An efficient deep learning algorithm for the segmentation of cardiac ventricles"** International Journal of Imaging Systems and Technology, July 2023. **(WoS & Scopus)**

3. Darwin Nesakumar A., Rukmani Devi S., **Inbamalar T.M.**, Pavithra K.N. **"Byzantine attack detection using optimized dual-channel capsule generative adversarial network for securing cognitive radio network"** Transactions on Emerging Telecommunications Technologies, July 2023. **(WoS & Scopus)**

4. **Sesha Vidhya S.**, Rukmani Devi S., **Shanthi K.G.**, Santhi S. "**Performance analysis of triple-band miniaturized hexagonal ultra-wideband antenna for wireless body worn applications"** AUTOMATIKA, Vol. 64, issue 4, August 2023. **(WoS & Scopus)**

5. **Prathima S.**, **Praveena N.G.**, **Sivachandar K.**, Nath S.S., Sarala B. **"Paddy Plant Disease Detector (GP2D2): An Application of the Deep-CNN Model"** International Journal of Electrical and Computer Engineering Systems, Volume 14, Issue 6, 12 July 2023, Pages 647-656, July 2023 **(WoS & Scopus)**

6. Ciyamala Kushbu S, **Inbamalar T M,** Sudha S **"An efficient deep learning algorithm for the segmentation of cardiac ventricles"** International Journal of Imaging systems and Technology, July 2023, ISSN: 1098 **(WoS & Scopus)**

7. **Sathyaraj P.,** Rukmani Devi S., **Kannan K. "A Cooperative Attack Detection Framework for MANET-IoT Network Using Optimized Gradient Boosting Convolutional Neural Network",** Journal of Circuits, Systems and Computers, Volume 32, Issue 14, 30 September 2023**. (WoS & Scopus)**

8. D. David Neels Ponkumar, C. Vimala Josphine, Dr. A. Narendrakumar, **M. Theodore Kingslin**, **"A WSN-based correlation assessment for a multi-target recognition protection system's sleep scheduling mechanism",** European Chemical Bulletin, Vol. 12, issue 3, pp. 2672-2684, ISSN 2063-5346.

9. **Shanthi, K.G, Sesha Vidhya, S, Gangatharan, N, Harinee, G.A**. **"Ultra Wideband Flexible Antennas: Design, Performance and Integration for Wireless Body Area Network Applications"** International Journal of Microwave and Optical Technology, Volume -8, Issue-4, pp. 435-443, ISSN 1553-0396. **(Scopus)**

10. **Dr. N. Gangatharan, Ms. Swetha Reddy A**, Saravanan C, Sairam Sathvik I V, Sabarish G, Sharun Krishnan U, **"A Comprehensive System for Automated Pothole Detection and Vehicle Speed Management using CNN Technology",** IEEE xplore, 2023 8th International Conference on Communication and Electronics Systems (ICCES), August 2023.

11. **Dhivya Kesavan**, Ezhumalai Periathambi, **Arun Chockalingam**, **"A bipartite graph based proportional fair scheduling strategy to improve throughput with multiple resource blocks",** International Journal of Electrical and Computer Engineering (IJECE)", Vol. 13, No. 4, August 2023. ISSN: 2088-8708. **(Scopus)**

12. Hemalatha, **R. Sangeethalakshmi**, K. Venkatesan, M. Anitha, D. Srinivasan, C. **"Sentinel Rover: Cutting-Edge Wireless Mine Detection and Alert System for High-Risk Terrains"** IEEE International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS), pp. 1632-1636, August 2023.

13. Kannan Pauliah Nadar, Vanitha Jeyaprakasam, **Inbamalar Tharcis Mariapushpam**, **Chettiyar Vani Vivekanand,** "**Design and Analysis of Microstrip Patch Antenna Array and Electronic Beam Steering Linear Phased Antenna Array with High Directivity for Space Applications**" ACS Omega, Vol. 8, issue 45, November 2023, ISSN: 2470-1343.

ATTENDED SEMINAR,WORKSHOP ,TRAINING & FDP:

1. **Ms. Samuda Prathima, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Performance analysis of Wireless CommunicatIon System"** organized by Ananth Gyan Knowledge and skills Private ltd from 01.07.2023 to 06.07.2023.

2. **Mr. M.Theodore Kingslin, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Communicating at work"** organized by NITTTR, Chandigarh from 10.07.2023 to 14.07.2023.

3. **Mr. M.Theodore Kingslin, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Data Science using R"** organized by NITTTR, Chandigarh from 17.07.2023 to 21.07.2023.

4. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Industry 4.0 and Internet of Things (IoT) Applications"** organized by NITTTR, Chennai from 17.07.2023 to 21.07.2023.

5. **Mr. P.Sathyaraj, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Data Science using R"** organized by NITTTR, Chandigarh from 17.07.2023 to 21.07.2023.

6. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Outcome Based Education for Effective Learning and Teaching"** organized by AMET University from 19.07.2023 to 27.07.2023.

7. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "LabVIEW & Data Acquistion System"** organized by School of Mechanical Engineering, KIIT Deemed to be University from 26.07.2023 to 28.03.2023.

8. **Ms. A.Swetha Reddy, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Transforming Research into Patent, Publication, Project and Product"** organized by R.M.K. College of Engineering and Technology from 20.07.2023 to 22.07.2023.

9. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Transforming Research into Patent, Publication, Project and Product"** organized by R.M.K. College of Engineering and Technology from 20.07.2023 to 22.07.2023.

10. **Ms. S.Rajalakshmi, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Transforming Research into Patent, Publication, Project and Product"** organized by R.M.K. College of Engineering and Technology from 20.07.2023 to 22.07.2023.

11. **Dr. K.Kannan, Asso. Prof.,** attended **Faculty Development Program (FDP) on "Transforming Research into Patent, Publication, Project and Product"** organized by R.M.K. College of Engineering and Technology from 20.07.2023 to 22.07.2023.

12. **Mr. P.Sathyaraj, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Transforming Research into Patent, Publication, Project and Product"** organized by R.M.K. College Of Engineering and Technology from 20.07.2023 to 22.07.2023.

13. **Dr. Chettiyar Vani Vivekanand, Asso. Prof.,** attended **Workshop on "Advances in Optical Communication"** organized by IIT Madras from 22.07.2023 and 23.07.2023.

14. **Ms. L.Manimegalai, Asst. Prof.,** attended **Workshop on "Advances in Optical Communication"** organized by IIT Madras from 22.07.2023 to and 23.07.2023.

15. **Ms. L.Manimegalai, Asst. Prof.,** attended **Workshop on "VLSI to System Design: Silicon to End Application Approach"** organized by AICTE, Arm Education and STMicroelectronics from 31.07.2023 to 04.08.2023.

16. **Dr. K.G.Shanthi, Prof.,** attended **Faculty Development Program (FDP) on "Latest Wireless Technologies"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 07.08.2023 to 11.08.2023.

17. **Ms. A.Swetha Reddy, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Latest Wireless Technologies"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 07.08.2023 to 11.08.2023.

18. **Ms. S.Rajalakshmi, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Latest Wireless Technologies"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 07.08.2023 to 11.08.2023.

19. **Ms. S.Sesha Vidhya, Asso. Prof.,** attended **Faculty Development Program (FDP) on "Latest Wireless Technologies"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 07.08.2023 to 11.08.2023.

20. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Latest Wireless Technologies"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 07.08.2023 to 11.08.2023.

21. **Mr. P.Sathyaraj, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Latest Wireless Technologies"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 07.08.2023 to 11.08.2023.

22. **Ms. S.Rajalakshmi, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Advanced Embedded System"** organized by NITTTR, Chandigarh from 21.08.2023 to 25.08.2023.

23. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Advanced Embedded System"** organized by NITTTR, Chandigarh from 21.08.2023 to 25.08.2023.

24. **Ms. S.Sesha Vidhya, Asso. Prof.,** attended **Faculty Development Program (FDP) on "Cloud Infrastructure (AWS)"** organized by MLR Institute of Technology, Telangana from 21.08.2023 to 25.08.2023.

25. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Cloud Infrastructure (AWS)"** organized by MLR Institute of Technology, Telangana from 21.08.2023 to 25.08.2023.

26. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Fundamentals of Electronic Device Fabrication"** organized by SWAYAM - NPTEL from July 2023 to August 2023.

27. **Ms. S.Sesha Vidhya, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Antenna Design Techniques and Tools"** organized by NITTTR, Chandigarh from 11.09.2023 to 15.09.2023.
28. **Dr. K.G.Shanthi, Prof.,** attended **Faculty Development Program (FDP) on "Antenna Design Techniques and Tools"** organized by NITTTR, Chandigarh from 11.09.2023 to 15.09.2023.
29. **Mr. M.Theodore Kingslin, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Antenna Design Techniques and Tools"** organized by NITTTR, Chandigarh from 11.09.2023 to 15.09.2023.
30. **Dr. K.G.Shanthi, Prof.,** attended **Faculty Development Program (FDP) on "IoTs and Sensor Networks"** organized by NITTTR, Chandigarh from 09.10.2023 to 13.10.2023.
31. **Ms. P.Sivalakshmi, Asst. Prof.,** attended **Faculty Development Program (FDP) on "IoTs and Sensor Networks"** organized by NITTTR, Chandigarh from 09.10.2023 to 13.10.2023.
32. **Ms. S.Sesha Vidhya, Asso. Prof.,** attended **Faculty Development Program (FDP) on "Emerging Antenna and Wireless Technologies"** organized by NITTTR,Chandigarh from 09.10.2023 to 13.10.2023.
33. **Dr. N.Gangatharan, Prof.,** attended **Faculty Development Program (FDP) on "Introduction to Internet of Things"** organized by NPTEL - AICTE from July to October 2023.
34. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "IoT and its Applications"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 06.11.2023 to 10.11.2023.
35. **Dr. K.Dhivya, Asst. Prof.,** attended **Faculty Development Program (FDP) on "IoT and its Applications"** organized by NITTTR, Chandigarh & R.M.K. Engineering College, Tamilnadu from 06.11.2023 to 10.11.2023.
36. **Dr. N.Gangatharan, Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
37. **Mr. M.Theodore Kingslin, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
38. **Ms. L.Manimegalai, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
39. **Dr. C.Arun, Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
40. **Dr. K.G.Shanthi, Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
41. **Dr. S.Muthumanickam, Asso. Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
42. **Dr. P.Sathyaraj, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
43. **Ms. S.Vishnupriya, Asst. Prof.,** attended **Faculty Development Program (FDP) on "Analog and Digital Communication"** organized by R.M.K. College of Engineering and Technology from 13.12.2023 and 14.12.2023.
44. **Dr. N.Gangatharan, Prof.,** attended **Faculty Development Program (FDP) on "Leadership, Motivation and Decision Making"** organized by NITTTR, Chandigarh from 11.12.2023 to 15.12.2023.

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