SARANATHAN
COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620012

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai &
Accredited by NAAC with A+ Grade)

Department of Electronics and Communication

(Newsletter for Odd Semester 2020-2021)

From the Desk of Head-Electronics and Communication
Dr. M. Santhi

I take immense pleasure in bringing out the newsletter of Department of Electronics and Communication for the odd semester of 2020 - 2021. Our Department is stepping its foot in 24th Year and ultimately it is a Jubilation to the institute. Thanks to the tireless efforts of eminent faculty members and Management.

At this Juncture I need to cite one important personality, it's none other than, Our Founder Secretary VidhyaSevaRatnam K.Santhanam who laid such a strong foundation in the field of Education and especially his love towards Management Education is noteworthy.

The Applause goes to the editorial team and I wish them to bring out the news bulletin every year. Many more Programs, Seminars, Conferences and Workshops are on the way to shape the Students community and I am sure that so many stuffs will occupy the bulletin(s) of the forthcoming edition. I gladly thank our Secretary Shri S.Ravindran for his unstinted support in all the avenues of our growth.

This newsletter is a summary of the events and accomplishments of the Department of Electronics and Communication for the odd semester of 2020 - 2021. Notwithstanding the ephemeral nature of the events, their outcomes are bound to be eternal and fruitful for everyone concerned. It is an attempt to pen down such memories so as to re-live the moments and eternalize them.

Wish to continue penning down many more such events and accomplishments in the years to come that are organized to realize the outcomes of improved knowledge and skills for the students, the faculty members and the improvement in the academic quality of the institution.

Vision of the Institution

Impart an inclusive engineering education that beyond being a facilitator for a career and rudimentary skills, equips the students to offer ethically & environmentally conscious solutions to societal issues.

Mission of the Institution

Develop the Institution into a Model Self Financing College of Engineering and Technology. Professional Training to our students with State of the art Laboratories and converting them into Technocrats of international repute.

1. Create a nurturing, holistic environment of engineering education to facilitate every student realize their full potential
2. Strive to make the students strong in basic concepts armed with appropriate skills to enhance one's ability to apply the knowledge to provide solutions to real time issues.
3. Maintain an ambience that facilitates the students to strengthen their ethical value systems.
4. Actively promote R&D and institute-industry interaction.

Vision of the Department:

To become a leading department of Higher Learning and a Research Centre of Excellence in Research in Electronics and Communication Engineering.

Mission of the Department:

- **M1:** To enable budding engineers to obtain technical exposure in various areas of Electronics and Communication Engineering.
- **M2:** To nurture career improvement.
- **M3:** To initiate and sustain research activities in the department in cutting edge areas of Electronics and Communication Engineering.
- **M4:** To develop professional and ethical attitude in the students.

Program Educational Objectives (PEOs)

Graduates of Electronics and Communication Engineering will

PEO1: have a strong foundation in the required sciences in order to pursue studies in Electronics and Communication Engineering.

PEO2: have a broad exposure to the students in various topics related to Electronics and Communication Engineering fields, to enable them to excel in their professional career / higher studies.

PEO3: possess innovative skills in order to solve the technical problems which will arise in their professional life.

PEO4: have professional and ethical attitude and an ability to visualize the engineering issues in a broader social context.

Program Outcomes (POS)

Engineering Graduates will be able to

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **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.
- **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.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- **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.

- **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.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **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.
- **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.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

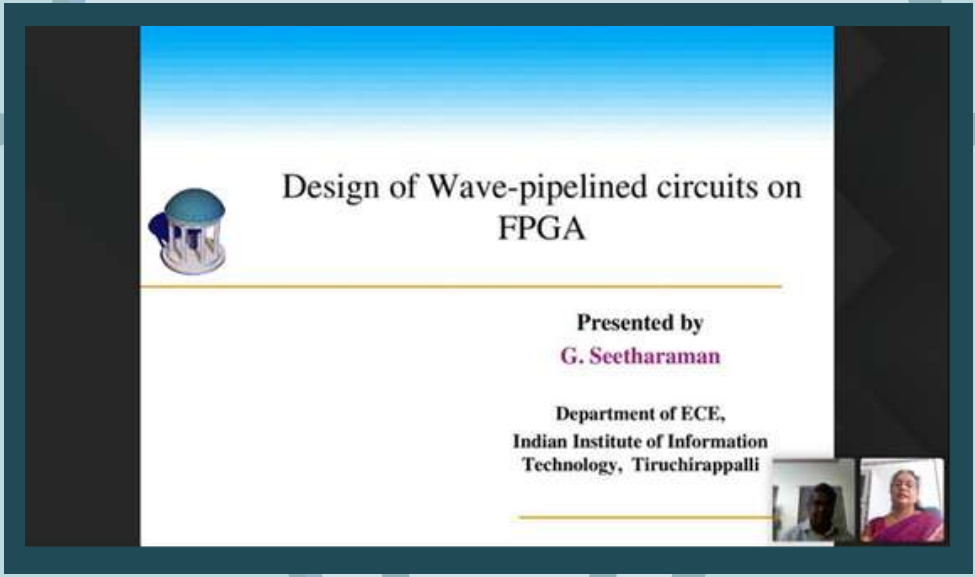
Graduates of Electronics and Communication Engineering will be able to

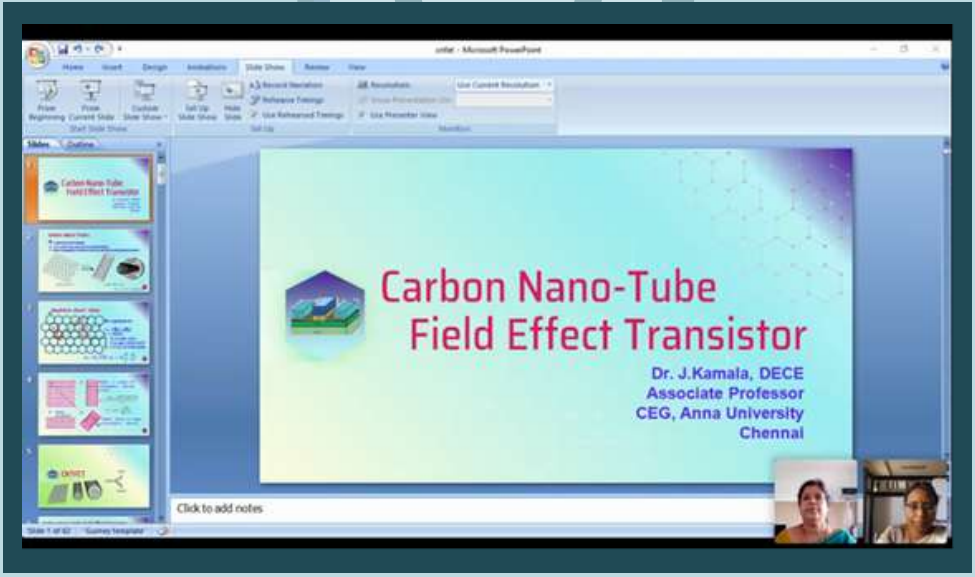
PSO1: Comprehend and demonstrate the principles and concepts of Semiconductor theory, Signal Processing & Embedded systems in the fields of Consumer Electronics, Medical Electronics and Defence Electronics.

PSO2: Apply emerging information and Communication Engineering Techniques to solve real time problems

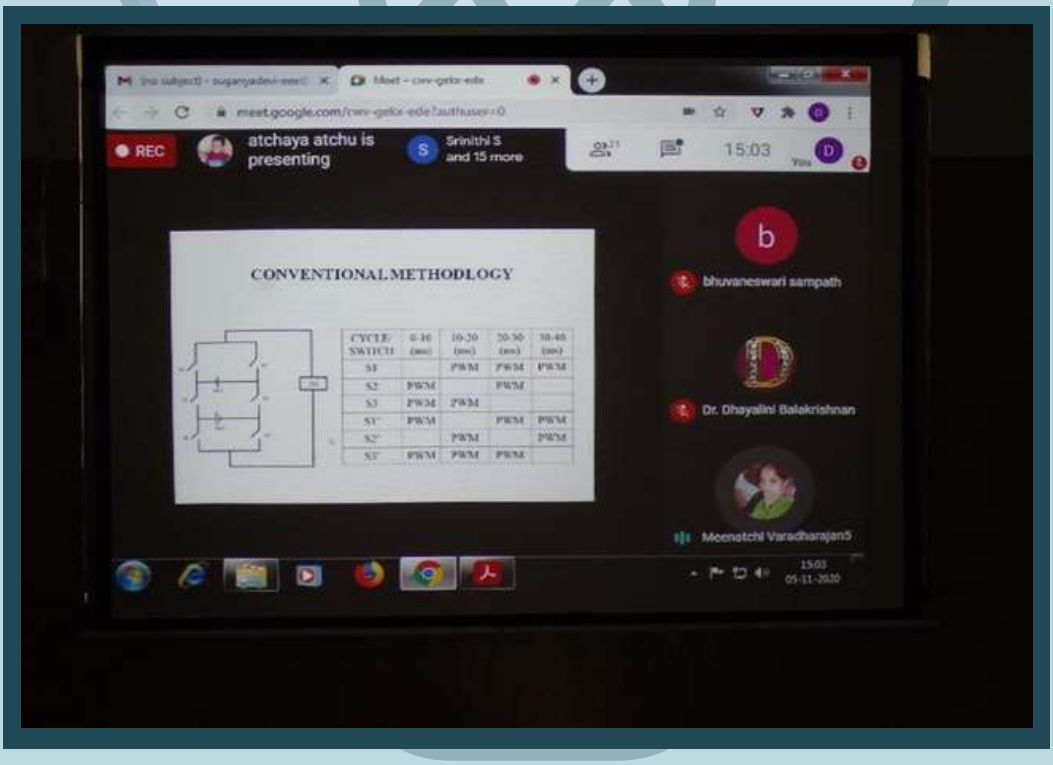
Faculty Development Programs:

- A Five Day Online Faculty Development Programme on **"VLSI – Industrial and Research Perspectives"** was successfully conducted from 20.07.2020 to 24.07.2020 with overwhelming responses. The objective of this event is to provide opportunities to faculty members and research scholars to enrich their subject knowledge and research ideas/scopes in the field of VLSI. We received around 430 registrations from across 16 states of our country and few registrations from abroad such as Tanzania and Muscat. Nearly on an average of 140 participants participated per session and got benefitted out of this program.





- A Two-Day International Conference, sponsored by AICTE titled **"Cutting Edge Technologies in Electrical, Communication, Embedded System and Soft Computing Techniques (ICECES'20)"** was successfully organized in virtual platform, jointly by the Department of EEE and the Department of ECE on 05-11-2020 and 06-11-2020. The theme of this conference was envisaged keeping in mind the role of technology and/or computing play in building the knowledge society. The keynote address was given by Prof. Dr.Seok-Bum Ko, Professor, University of Saskatchewan, Canada and Prof.Dr.Y.Venkataramani, Dean (R&D), Saranathan College of Engineering, Trichy, Tamilnadu. 143 papers, out of the 150 received for the conference, were presented. Around 300 students, research scholars and faculty members from various Engineering colleges participated in this presentation of their research findings in this virtual e-Conference.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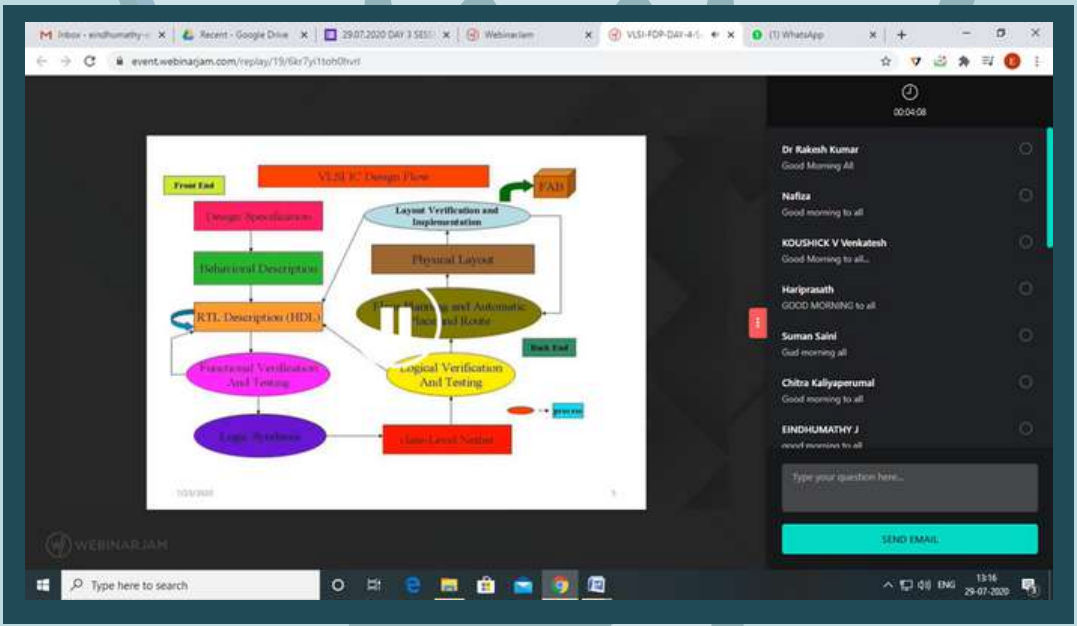
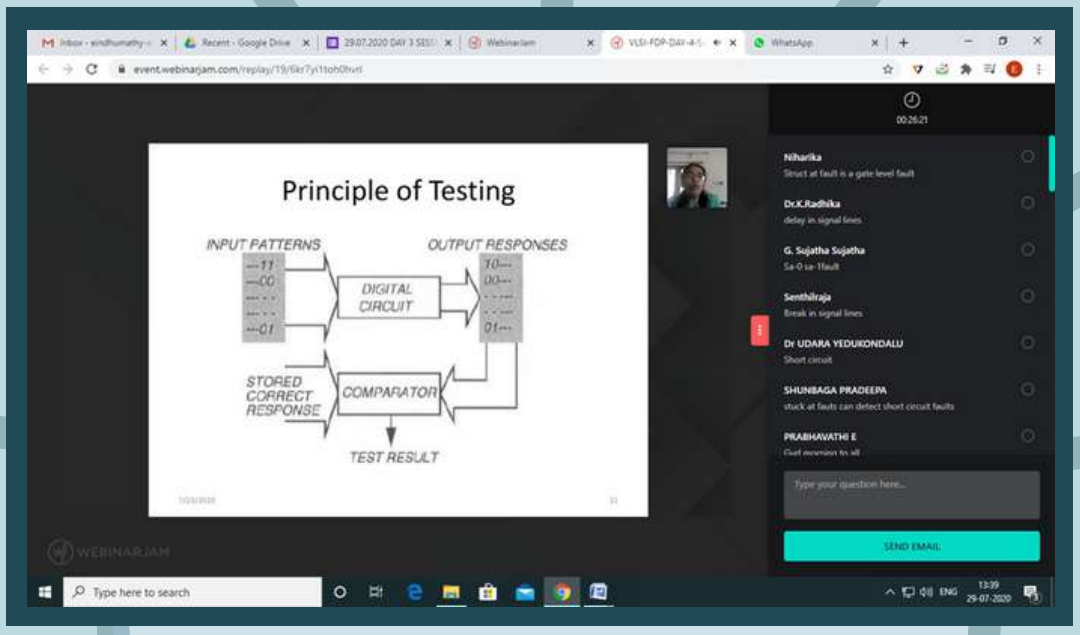
CONVENTIONAL METHODLOGY
bhuvaneswari sampath
Dr. Dhayalini Balakrishnan
Meenatchi Varadharajan5

- A Five-day Online FDP on **"Recent Trends in Wireless Communication and Signal Processing"** was organized between 27.07.2020 and 31.07.2020. This was conducted for the benefit of faculty members of the Electronics and Communication Engineering Department in Various colleges. The convener of this FDP is Dr.M.Santhi, Head/ECE and the co-ordinators are Dr.S.A.Arunmozhi, Dr.S.Rajeswari, Dr.V.Mohan and Dr.P.Shanmugapriya, Associate Professor/ECE. Nearly 750 faculty members from 14 states of our country have registered and on an average of 110 participants participated per session and got benefitted out of this programme. In every session, the participants actively interacted with the resource persons. Feedback from participants was collected for each session of the FDP.




Principle of Testing
INPUT PATTERNS
OUTPUT RESPONSES
DIGITAL CIRCUIT
STORED CORRECT RESPONSE
COMPARATOR
TEST RESULT
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Niharika
Struct at fault is a gate level fault
Dr.K.Radhika
delay in signal lines
G. Sujatha Sujatha
Sa-0 sa-1fault
Senthilraja
Break in signal lines
Dr UDARA YEDUKONDALU
Short circuit
SHUNBAGA PRADEEPA
stuck at faults can detect short circuit faults
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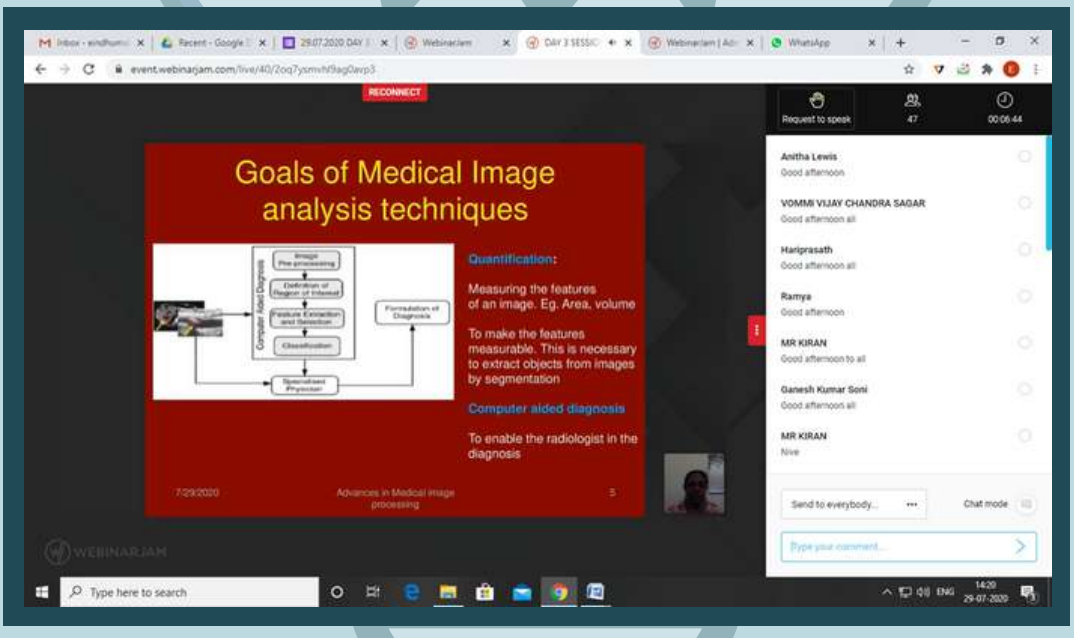
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Goals of Medical Image analysis techniques
Quantification:
Measuring the features of an image. Eg. Area, volume
To make the features measurable. This is necessary to extract objects from images by segmentation
Computer aided diagnosis
To enable the radiologist in the diagnosis
Anitha Lewis
Good afternoon
VOMMI VIJAY CHANDRA SAGAR
Good afternoon all
Hariprasath
Good afternoon all
Ramya
Good afternoon
MR KIRAN
Good afternoon to all
Ganesh Kumar Soni
Good afternoon all
MR KIRAN
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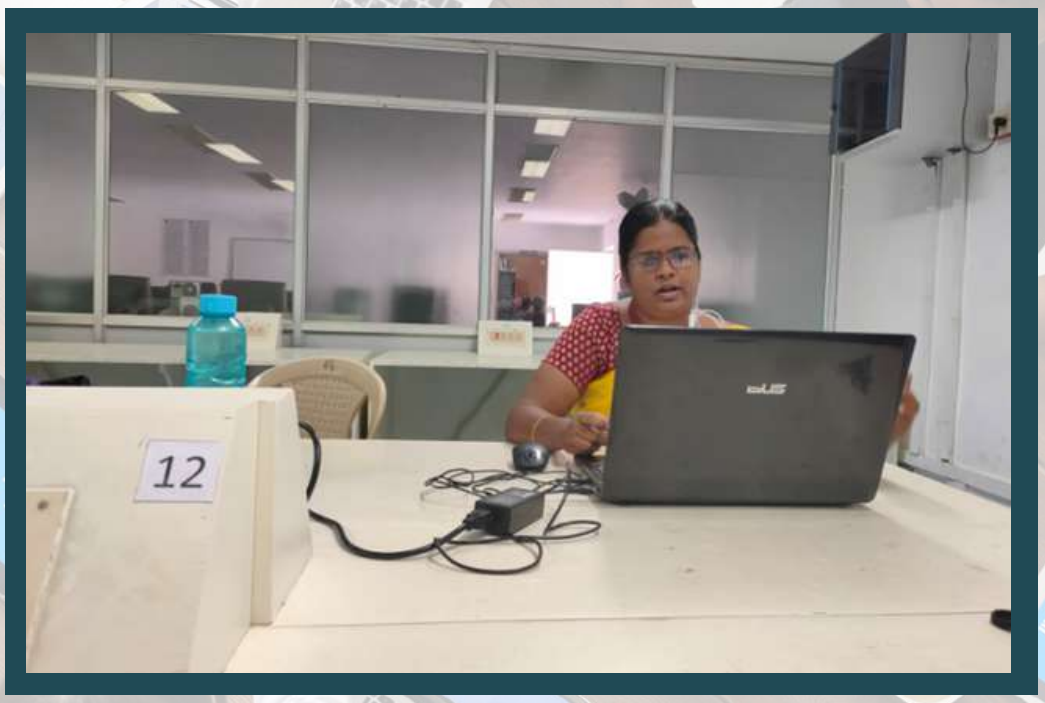
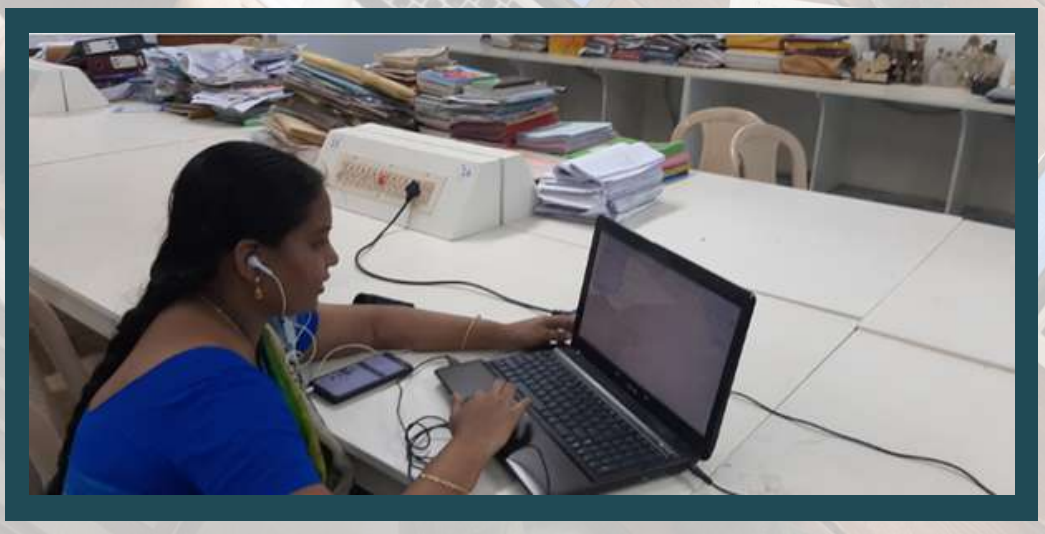
Workshops / Webinars organized:

- A Three-day workshop on **"Practical Intro to Image Processing on Google Colab - Python Platform"** was conducted from 10.06.2020 to 12.06.2020. In this workshop, Basic concepts, Morphological operations, Thresholding, Binarization, Edge detection and Segmentation algorithms of Image Processing and programming on Google Colab in python Platform were discussed. At the end of the workshop, online quiz was conducted to assess the performance to the students.

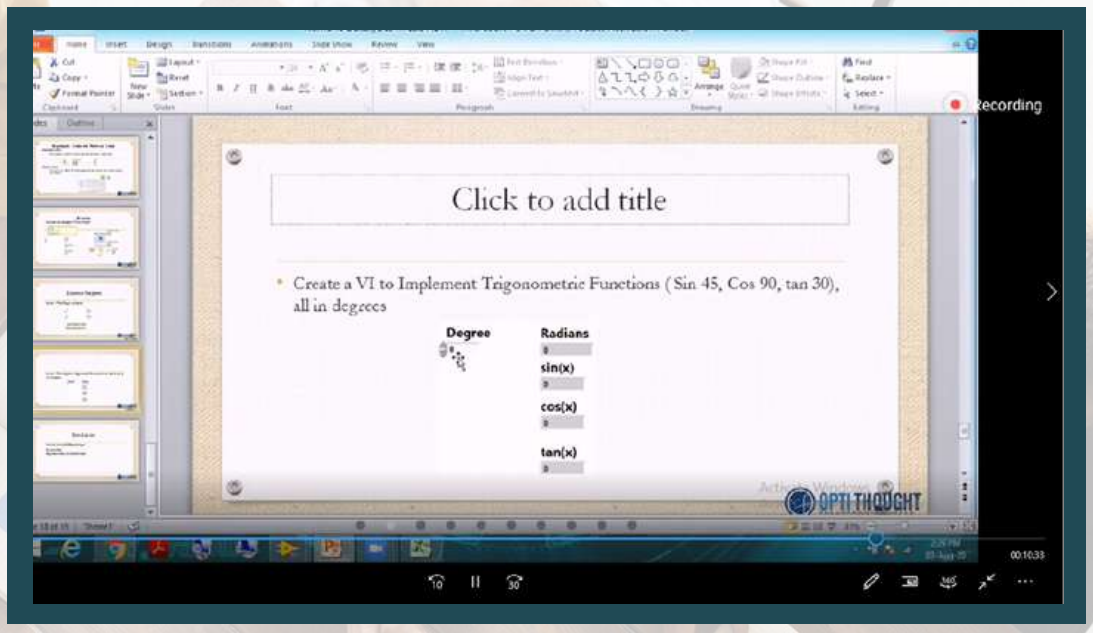




- A Webinar on **"Space Modelling of Image Content"** was conducted on 01.07.2020. The speaker of this webinar is Dr.R.Hemalatha, Associate Professor, Department of ECE at SSN College of Engineering, Chennai. This method uses a vector-space model to represent images in a multidimensional space. This model allows the use of multiple attributes in the retrieval process and also identifies the most selective values for each attribute. Therefore by ignoring the less significant values the user can reduce the dimensionality of the feature set and simplify the vector model. It also allows the user to choose any similarity measure depending on the application. The user can also assign weights to the different attributes depending on the retrieval mechanism intended. These characteristics of the retrieval method increase the retrieval efficiency and makes the model very flexible as it can be used universally for retrieving images from different domains.

Hands-on-Training (For Faculty):

- Two-Weeks e-STTP ON **"Hands-on-Training on NI-USRP 2920"** was conducted using Labview (under MODROBS SCHEME) from 03.08.2020 to 14.08.2020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Radians
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cos(x)
tan(x)
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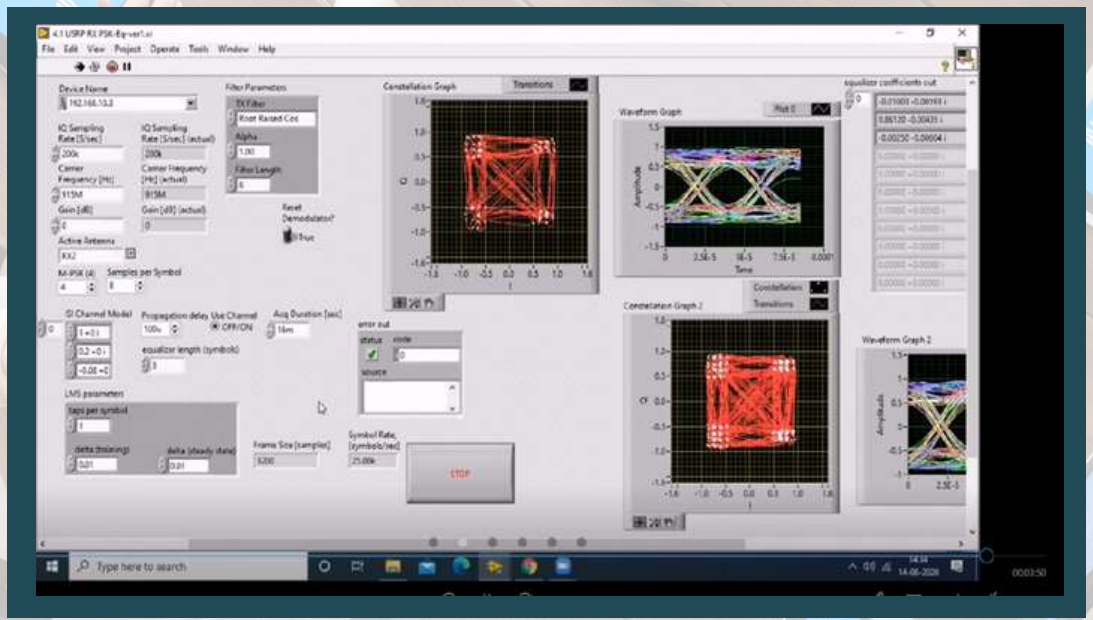
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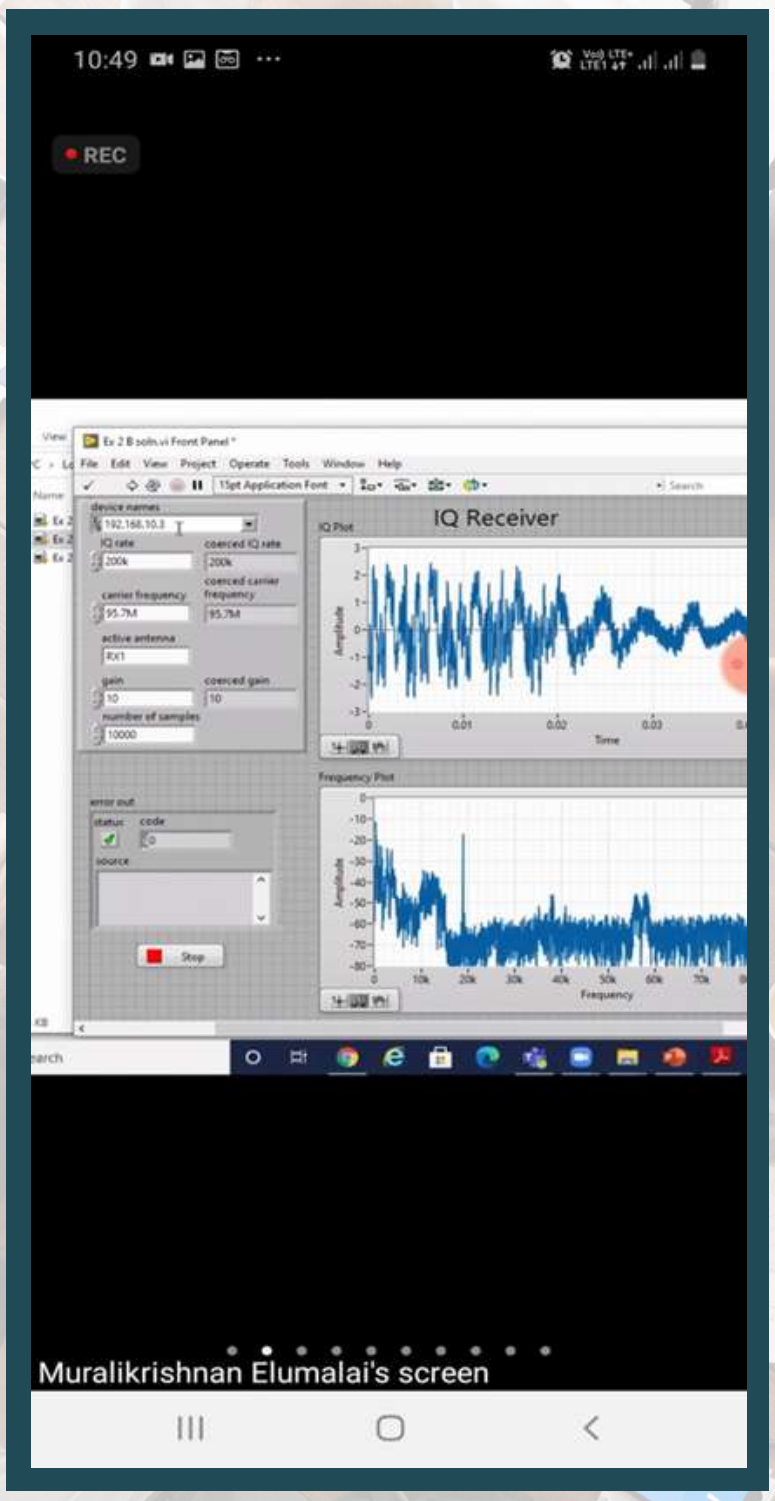
Hands-on-Training (For Students):

- A Two-Day **"Hands on-Training on NI USRP"** was conducted on 12.11.2020 and 17.11.2020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200k
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95.7M
coerced carrier frequency
95.7M
active antenna
RX1
gain
10
coerced gain
10
number of samples
10000
IQ Plot
IQ Receiver
Amplitude
Time
Frequency Plot
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Faculty development Programmes attended:

- Dr.C.Vennila

1. Attended the ATAL FDP on " **Internet of Things**" from 7-Dec-20 to 11-Dec-20 conducted by SRM Institute of Science and Technology
2. Attended the FDP on "**Introduction to wireless communication**" from 1-Sep-20 to 30-Dec-20 conducted by NPTEL
3. Attended the FDP on "**Preparing students for 21st century skills and competencies**" from 10-Jul-20 to 10-Jul-20 conducted by SRM Institute of Science and Technology, Chennai
4. Attended the FDP on "**Recent trends in wireless communication and signal processing**" from 27-Jul-20 to 31-Jul-20 conducted by Saranathan College of Engineering
5. Attended the FDP on "**VLSI- Industrial and Research perspectives**" from 20-Jul-20 to 24-Jul-20 conducted by Saranathan College of Engineering

- Dr.M.Padmaa

1. Attended the FDP on "**Exploring the Nuances of deep learning for Research Applications-A Deeper Experience**" from 13-Jul-20 to 17-Jul-20 conducted by Karunya Deemed University
2. Attended the FDP on "**Internet of Things (IoT)**" from 21-Dec-20 to 25-Dec-20 conducted by Kongu Engineering College.
3. Attended the FDP on "**Internet of Things (IoT)**" from 7-Dec-20 to 11-Dec-20 conducted by SRM Institute of Science and Technology.
4. Attended the FDP on "**Introduction to wireless and cellular communication**" from 2-Sep-20 to 20-Dec-20 conducted by IIT, Chennai

- Dr.S.A.Arunmozhi

1. Attended the FDP on **"Towards 5G Communications & Beyond with IoT, Machine Learning"** from 23-Nov-20 to 27-Nov-20 conducted by Goa College of Engineering
2. Attended the FDP on **"Cyber Security"** from 7-Dec-20 to 12-Dec-20 conducted by IIT Bhilai
3. Attended the FDP on **"Recent Trends in IOT and Cyber Security"** from 10-Aug-20 to14-Aug-20 conducted by St.Joseph College of Engineering
4. Attended the FDP on **"High Performance Intelligent Real Time Embedded System Design and Internet of Things to Accelerate Automation System into Autonomous System"** from 3-Aug-20 to 8-Aug-20 conducted by RMK Engineering College
5. Attended the FDP on **"VLSI Physical Design using Cadence Innovus Tool"** from 20-Jul-20 to 24-Jul-20 conducted by St. Josephs College of Engineering
6. Attended the FDP on **"Evolving Trends in Communication and Networking"** from 6-Jul-20 to 10-Jul-20 conducted by St. Josephs College of Engineering
7. Attended the FDP on **"Introduction to Wireless and Cellular Communication"** from 30-Sep-20 to 2-Dec-20 conducted by NPTEL

- Dr.S.Rajeswari

1. Attended the FDP on **"Internet of Things (IoT)"** from 12-Oct-20 to 16-Oct-20 conducted by Amity School of Engineering & Technology, Amity University, Noida.
2. Attended the FDP on **"Towards 5G Communications & Beyond with IoT, Machine Learning"** from 23-Nov-20 to 27-Nov-20 conducted by Goa College of Engineering
3. Attended the FDP on **"Intoduction to wireless and cellular communiications"** from 12-Nov-20 to 21-Nov-20 conducted by NPTEL
4. Attended the FDP on **"Recent Emerging Trends in Wireless Communication using IoT"** from 7-Dec-20 to 12-Dec-20 conducted by VIDYA JYOTHI INSTITUTE OF TECHNOLOGY, Hyderabad.

- Dr.V.Mohan

    1. Attended the FDP on **"Research Aspects on Deep Learning in Image and Video Processing-I7"** from 1-Dec-20 to 7-Dec-20 conducted by Department of ECE, Velammal Institute of Technology, Chennai
    2. Attended the FDP on **"Fuzzy Logic and Neural Networks"** from 1-Jan-20 to 30-Apr-20 conducted by NPTEL
    3. Attended the FDP on **"VLSI-Industry and Research Perspectives"** from 20-Jul-20 to 24-Jul-20 conducted by Saranathan College of Engineering, Trichy
    4. Attended the FDP on **"Recent Trends in Wireless Communication and Signal Processing"** from 27-Jul-20 to 31-Jul-20 conducted by Saranathan College of Engineering, Trichy

- Dr.P.Shanmugapriya

    1. Attended the FDP on **"Microwave theory and Techniques"** from 1-Jul-20 to 31-Dec-20 conducted by NPTEL
    2. Attended the FDP on **"Research Aspects on Deep Learning in Image and Video Processing-I7"** from 1-Dec-20 to 7-Dec-20 conducted by Department of ECE, Velammal Institute of Technology, Chennai
    3. Attended the FDP on **"Speech Processing using Deep Learning"** from 28-Dec-20 to 1-Jan-21 conducted by IIT, Dharwad
    4. Attended the FDP on **"Fuzzy Logic and Neural Networks"** from 1-Jan-20 to 30-Apr-20 conducted by NPTEL
    5. Attended the FDP on **"Recent Trends in Wireless Communication and Signal Processing"** from 27-Jul-20 to 31-Jul-20 conducted by Saranathan College of Engineering, Trichy
    6. Attended the FDP on **"VLSI-Industry and Research Perspectives"** from 20-Jul-20 to 24-Jul-20 conducted by Saranathan College of Engineering, Trichy

- Dr.M.Baritha begum

    1. Attended the FDP on **"Internet of Things (IoT)"** from 26-Dec-20 to 30-Dec-20 conducted by AICTE Training and Learning (ATAL) Academy, National Institute of Technology Puducherry.
    2. Attended the FDP on **"Artificial Intelligence"** from 21-Dec-20 to 25-Dec-20 conducted by AICTE Training and Learning (ATAL) Academy, Kalinga Institute of Industrial Technology.
    3. Attended the FDP on **"RESEARCH IN ENGINEERING - A Way Forward"** from 6-Jul-20 to 1-Jul-20 conducted by A. P. Shah Institute of Technology, Thane.
    4. Attended the FDP on **"Recent trends in electronics and communication"** from 13-Jul-20 to 18-Jul-20 conducted by Balaji institute of Technology and Science.

- S.Hariprasath

    1. Attended the FDP on **"Wireless communication and Signal Processing"** from 27-Jul-20 to 31-Jul-20 conducted by Department of ECE, Saranathan College of Engineering.

- K.Malaisamy

    1. Attended the FDP on **"Recent trends in Electronics and communications"** from 13-Jul-20 to 18-Jul-20 conducted by Balaji Institute of Technology and Science.
    2. Attended the FDP on **"Education 4.0 The Future ahead"** from 10-Aug-20 to 14-Aug-20 conducted by Internal Quality Assurance cell Sai Ram College of Engineering -Chennai.
    3. Attended the FDP on **"Recent Trends in Wireless Communication Technologies"** from 3-Aug-20 to 5-Aug-20 conducted by Bangalore Institute of Technology in association with IMAPS India.
    4. Attended the FDP on **"VLSI - Industrial and Research Perspectives"** from 20-Jul-20 to 24-Jul-20 conducted by Department of ECE, Saranathan College of Engineering.

- P.Sivagamasundhari

    1. Attended the FDP on **"Perspectives and challenges in Outcome Based Research"** from 13-Jul-20 to 17-Jul-20 conducted by AICTE - Margadarshan NIT, Trichy.
    2. Attended the FDP on **"Introduction to Internet of Things"** from 7-Dec-20 to 11-Dec-20 conducted by ATAL - AICTE IIT, Kottayam
    3. Attended the FDP on **"Wireless communication and Signal Processing"** from 27-Jul-20 to 31-Jul-20 conducted by Department of ECE, Saranathan College of Engineering.
    4. Attended the FDP on **"VLSI - Industrial and Research Perspectives"** from 20-Jul-20 to 24-Jul-20 conducted by Department of ECE, Saranathan College of Engineering.

- J. Eindhumathy

    1. Attended the FDP on **"INTERNET OF THINGS (IOT)"** from 21-Dec-20 to 25-Dec-20 conducted by AICTE Training and Learning (ATAL) Academy, KONGU ENGINEERING COLLEGE.
    2. Attended the FDP on **"WEARABLE DEVICES"** from 30-Nov-20 to 4-Dec-20 conducted by AICTE Training and Learning (ATAL) Academy, KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES
    3. Attended the FDP on **"Body Language: Key to Professional Success"** from 8-Sep-20 to 8-Oct-20 conducted by NPTEL AICTE.
    4. Attended the FDP on **"VLSI-Industry and Research Perspectives"** from 20-Jul-20 to 24-Jul-20 conducted by Saranathan College of Engineering, Trichy.
    5. Attended the FDP on **"Recent Trends in Wireless Communication and Signal Processing"** from 27-Jul-20 to 31-Jul-20 conducted by Saranathan College of Engineering, Trichy
    6. Attended the FDP on **"STTP ON AL POWERED SOLUTIONS FOR HEALTHCARE INNOVATIONS"** from 26-Dec-20 to 31-Dec-20 conducted by KCG COLLEGE OF TECHNOLOGY, CHENNAI
    7. Attended the FDP on **"STTP ON EVOLUTION OF RF ELECTROMAGNETICS FROM MICROWAVE TO mm WAVE TECHNOLOGIES"** from 19-Dec-20 to 23-Dec-20 conducted by CENTRE OF EXCELLENCE IN COMPLEX AND NONLINEAR DYNAMICAL SYSTEMS VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE MUMBAI

- A.Shamimbanu

    1. Attended the FDP on **"GIS and remote sensing"** from 23-Nov-20 to 27-Nov-20 conducted by AICTE Training And Learning (ATAL) Academy GEC BILASPUR.
    2. Attended the FDP on **"Wireless communication and Signal Processing"** from 27-Jul-20 to 31-Jul-20 conducted by Department of ECE, Saranathan College of Engineering
    3. Attended the FDP on **"VLSI - Industrial and Research Perspectives"** from 20-Jul-20 to 24-Jul-20 conducted by Department of ECE, Saranathan College of Engineering

- M.Mahendran

    1. Attended the FDP on **"RF Technology for Energy Harvesting, Medical and Commercial Applications (RFTEMC'20)"** from 14-Dec-20 to 18-Dec-20 conducted by Sreyas Institute of Engineering and Technology

- G.Sivakannu

    1. Attended the FDP on **"Industrial IoT & Intelligent Connectivity using RASBERRY PI"** from 25-Jun-20 to 27-Jun-20 conducted by Malla Reddy Engineering College for Women at Secunderabad
    2. Attended the FDP on **"Principle of signal estimation for MIMO / OFDM wireless communication"** from 1-Sep-20 to 1-Dec-20 conducted by NPTEL Swayam

- V.Ramya

1. Attended the FDP on **"Deep Learning analysis of Images and Videos using Python"** from 23-Nov-20 to 28-Nov-20 conducted by AICTE Training And Learning (ATAL) Academy KIT-Kalaignar Karunanithi Institute of Technology
2. Attended the FDP on **"Augmented Reality and Industry 4.0"** from 23-Dec-20 to 24-Dec-20 conducted by IET Saveetha School of Engineering
3. Attended the FDP on **"Artificial Intelligence"** from 4-Jan-20 to 8-Jan-20 conducted by AICTE Training And Learning (ATAL) Academy PSNA College of Engineering and Technology
4. Attended the FDP on **"Internet of Things"** from 7-Dec-20 to 11-Dec-20 conducted by AICTE Training And Learning (ATAL) Academy SRM Institute of Science and Technology
5. Attended the FDP on **"Python for Data Science"** from 9-Jan-20 to 10-Mar-20 conducted by NPTEL Swayam
6. Attended the FDP on **"Recent trends in wireless Communication and Signal processing"** 27-Jul-20 31-Jul-20 conducted by Saranathan College of Engineering
7. Attended the FDP on **"VLSI Industrial and Research Perspectives"** from 20-Jul-20 to 24-Jul-20 conducted by Saranathan College of Engineering

- M.Anthuvan Lydia

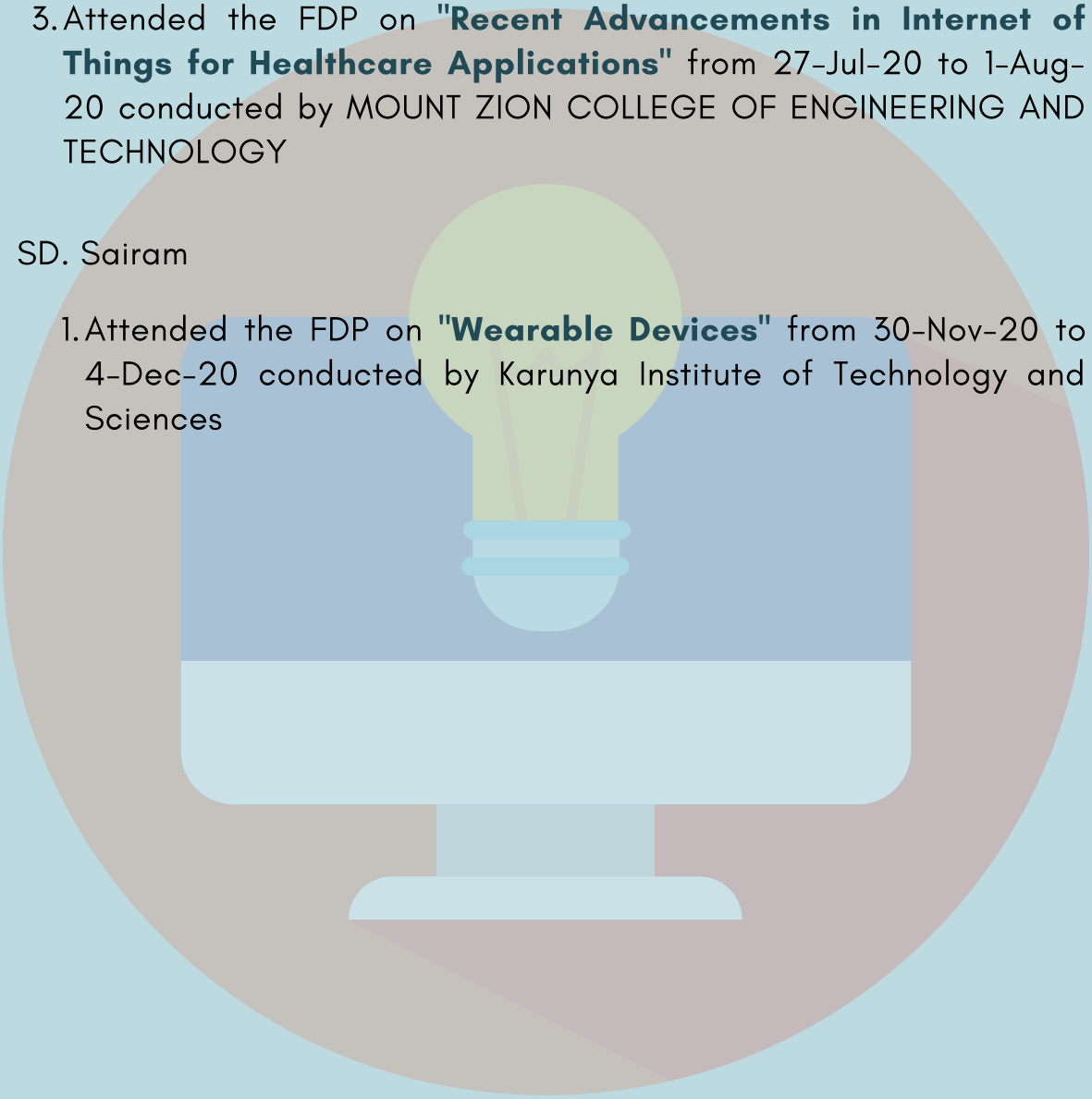
1. Attended the FDP on **"MODERN TRENDS IN HYPERSPECTRAL IMAGE ANALYSIS"** from 10-Jul-20 to 10-Jul-20 conducted by ANNAPORNA ENGINEERING COLLEGE, SALEM
2. Attended the FDP on **"Preparing students for 21st century skills and competencies in new normal education – (NI WAY)"** from 10-Jul-20 to 10-Jul-20 conducted by IETE CHENNAI CENTRE AND NATIONAL INSTRUMENTS, BANGALORE SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, Vadapalani campus
3. Attended the FDP on **"Trending perspectives of AI in Robotics"** from 9-Jul-20 to 9-Jul-20 conducted by St. Joseph's college of Engineering
4. Attended the FDP on **"Body language professional key to success"** from 9-Jan-20 to 10-Feb-20 conducted by NPTEL SWAYAM
5. Attended the FDP on **"Wearable Devices"** from 30-Nov-20 to 4-Dec-20 conducted by Karunya Institute of Technology and Sciences
6. Attended the FDP on **"EVOLVING TRENDS IN COMMUNICATION AND ENGINEERING"** from 6-Jul-20 to 10-Jul-20 conducted by ST. Joseph's college of Engineering
7. Attended the FDP on **"Exploring the nuances of deep learning in for research applications- A deeper Experience"** from 13-Jul-20 to 17-Jul-20 conducted by Karunya Institute of Technology and Sciences
8. Attended the FDP on **"VLSI - INDUSTRIAL AND RESEARCH PERSPECTIVE"** from 20-Jul-20 to 24-Jul-20 conducted by DEPARTMENT OF ECE, SARANATHAN COLLEGE OF ENGINEERING

- V.Koushick

    1. Attended the FDP on **"Wearable Devices"** from 30-Nov-20 to 4-Dec-20 conducted by Karunya Institute of Technology and Sciences
    2. Attended the FDP on **"Body Language: Key to Professional Success"** from 8-Sep-20 to 8-Oct-20 conducted by NPTEL AICTE
    3. Attended the FDP on **"Recent Advancements in Internet of Things for Healthcare Applications"** from 27-Jul-20 to 1-Aug-20 conducted by MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY

- SD. Sairam

    1. Attended the FDP on **"Wearable Devices"** from 30-Nov-20 to 4-Dec-20 conducted by Karunya Institute of Technology and Sciences



Achievements of Students:

- S. PRIYA - 3rd yr B

  1. I Place in **"INNOVATIVO"** event in TECHNOVATION'20 organised by K.Ramakrishna college of Technology held on 4.10.2020 and 5.10.2020
  2. I Place in **"TECH-PAPYRUS"** event in TECHNOVATION'20 organised by K. Ramakrishna college of Technology held on 4.10.2020 and 5.10.2020

- A.THENMOZHI - 3rd yr B - I Place in **"INNOVATIVO"** event in TECHNOVATION'20 organised by K.Ramakrishna college of Technology held on 4.10.2020 and 5.10.2020

- S. YOGESH - 2nd yr B - I Place in **Decra fest 2020**(Quiz- online) on 12.09.2020

Students Participation in events:

- S.Abinaya - 3 rd year A

  1. Workshop on **" PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLABPYTHON PLATFORM "**-Saranathan college of engineering - 10.6.2020 to 12.6.2020
  2. Workshop on **"EMPOWERING YOUNG MINDS TO EMERGE AS RESPONSIBLE AND SKILLED PROFESSIONALS"** - Saranathan college of engineering - 29.7.2020 to 31.7.2020

- G.Dhanavidhya - 3rd year A

  1. Online workshop on **" PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLAB - PYTHON PLATFORM"** - Saranathan college of Engineering - 10.06.2020 to 12.06.2020
  2. Webinar on **" C PROGRAMMING "** - Subash programming classes (online) - 12.10.2020 to 18.10.2020

- J Dhaniya Lakshmi - 3rd year A

    1. - Workshop on **"PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLAB"**- Saranathan college of engineering -10.06.2020 to 12.10.2020
    2. Course on **"C PROGRAMMING"**- Subash programming classes -18.10.2020

- R. Durgasri - 3 rd year A - Workshop on **"PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLLABPYTHON PLATFORM"** - (online) SCE-10-12.06.2020

- D.JANNIFER - 3 rd year A - WEBINAR-**"SATELLITE IMAGE PROCESSING FOR TRACKING ENVIRONMENTAL CHANGES"** - ANNAPOORANA ENGINEERING COLLEGE-14.7.2020

- A.Kavimani - 3rd year A

    1. Course on **"C PROGRAMMING "** - SUBASH PROGRAMMING CLASSES and 18.10.2020
    2. Workshop on **'"PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLAB-PYTHON PLATFORM"** - Saranathan College of Engineering - 10.06.2020 to 12.06.2020

- S Kaviya - 3rd year A

    1. Quiz on **DIGITAL ELECTRONICS** - Mandsaur University - 5.7.2020
    2. Workshop on **"PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLAB-PYTHON PLATFORM"** - Saranathan College of Engineering -10.06.2020 to 12.06.2020
    3. Webinar- **"NUMERICAL ELECTROMAGNETICS-MODELING AND SIMULATION"** - Annapoorana Engineering College - 11.7.2020

- Keerthana.G.R - 3rd year A

    1. Course on **"C PROGRAMMING"** - SUBASH Programming Classes -12.10.2020 to 18.10.2020
    2. Workshop on **"PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLAB-PYTHON PLATFORM"** - Saranathan College of Engineering - 10.06.2020 to 12.06.2020

- Kingsley Patrick Joy J - 3 rd year A - Workshop on **"PRACTICAL INTRO TO IMAGE PROCESSING ON GOOGLE COLAB-PYTHON PLATFORM"** - Saranathan College of Engineering - 10.06.2020 to 12.06.2020

- Varadakrishnan B - 3 rd year B - Hands on workshop on **"MACHINE LEARNING USING PYTHON"** -at Anna University at BIT campus Trichy - 3.4.2020

- S.Priya - 3 rd year B - Participated in **"MICROSOFT AI CLASSROOM"** series - December,2020

- Mohamed musaraf - 2nd year B

    1. Workshop on **"EMPOWERING YOUNG MINDS TO EMERGE AS RESPONSIBLE AND SKILLED PROFESSIONALS"** - Saranathan College of Engineering, Trichy - 29.7.2020 to 31.7. 2020.
    2. Workshop on **"IoT- THE PRACTICAL PERSPECTIVES"** - SRM INSTITUTE OF SCIENCE AND TECHNOLOGY VADAPALANI on 30 .7.2020
    3. Workshop on **"DEEP LEARNING"** - SRM INSTITUTE OF SCIENCE AND TECHNOLOGY VADAPALANI - 24.7.2020 and 25.7.2020

- K.VAISHNAVI -2 nd year B

    1. Volunteering internship - One month internship in **"YOUTH EMPOWERMENT FOUNDATION "** - 8/07/2020
    2. Internshala students partnership (ISP20,21) **"CAMPUS AMBASSADOR PROGRAM"** -From November to present

- R Sindhuja - 3 rd year B - NPTEL online certification on **"PROBLEM SOLVING THROUGH PROGRAMING IN C"**- during Sep-Dec 2020

- Harsheetha RC - 2 nd year B - **Insternship(ISP 20)** - Internshala from November.

- Poojapriyadharshini A - 2 nd year B

    1. Participated in **"TALENZIA"** - Saranathan college of Engineering - 29.02.2020
    2. Quiz on **"PYTHON PROGRAMMING"** - Sir C R Reddy College - 25.05.2020