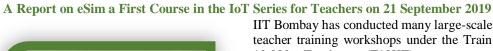## Faculty Contributions:
Workshop/NPTEL/FDP Attended:

- Mr. B. Srinivasa Rao Attended FDP Emerging trends in Machine Learning for Bio-medical Applications at Narasaraopet engineering college, Narasaraopet, from 29.07.19 to 10.08.19.
- Dr. D. Regan Attended FDP Design and analysis of antennas for 5G wireless applications Spoorthy Engineering College, Hyderabad from 03.07.2019 to 09.07.2019.
- Dr. D. Regan Attended FDP Recent trends and research challenges on Nano CMOS VLSI circuits by industry standard EDA tools Sree Vidyaniketan Engineering College, Tirupathi from 26.08.2019 to 31.08.2019.
- Ms. K. Radhika completed NPTEL Introduction to Machine learning 8weeks (July-Sep, 2019).
- Dr. Shaik. Mahaboob Basha, Dr. D. Regan, Mr. M. Sivakrishna, Dr. Syed Jeelan Basha, Mr. G. Suresh attended One day Workshop on eSim a First Course in the IoT Series for Teachers IIT Bombay at Nellore on 21.09.2019.
- Dr. Shaik. Mahaboob Basha , Dr. D. Regan, Dr. Syed Jeelan Basha, Mr. G. Suresh attended Workshop on Linux programming IIT Bombay at Nellore on 23.08.2019.
- Dr. P. Rahul Reddy , Mr. G. Kiran Kumar , Mr. B. Srinivasa Rao, Mr. U. Penchalaiah, Ms. M. Suhasini attended One day Workshop on eSim a First Course in the IoT Series for Teachers IIT Bombay at Nellore on 21.09.2019.
- Mr. G. Kiran Kumar , Mr. B. Srinivasa Rao, Dr. P. Rahul Reddy, Mr. U. Penchalaiah, Ms. M. Suhasini attended one day Workshop on Linux programming IIT Bombay at Nellore on 23.08.2019.
- Mr. P. Raghava Reddy , Ms. C. Durga Tejaswi, Mr. K. Chandra Sekar, Ms. K. Radhika , Dr. A. Kishore Reddy, Mr. P. V. Krishna Rao attended One day Workshop on eSim a First Course in the IoT Series for Teachers IIT Bombay at Nellore on 21.09.2019.
- Mr. P. Raghava Reddy, Mr. K. Chandra Sekar, Dr. A. Kishore Reddy, Mr. P. V. Krishna Rao attended one day Workshop on Linux programming IIT Bombay at Nellore on 23.08.2019.

Events Organized:

- Mr. G. Kiran Kumar, Mr. K. Chandrasekar organized Industrial visit to NARL Gadanki, III ECE A and C sections dated on 27.09.2019 for 67 students.
- Ms. Durga Tejeswi, Ms. M. Suhasini organized Industrial visit to NARL Gadanki, III ECE A and C sections dated on 27.09.2019 for 67 students.

A Report on eSim a First Course in the IoT Series for Teachers on 21 September 2019

IIT Bombay has conducted many large-scale teacher training workshops under the Train 10,000 Teachers (T10KT) programme, sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India, and trained over 2,00,000 teachers.The first workshop in the IoT series was held on eSim at Geethanjali Institute of Science and Technology, Kovur on 21st September 2019.

A Six Day Hands On Workshop On "Amazon Web Services-Amazon Alexa" at GIST

A Six day workshop on Amazon Web Services was organized by the department of ECE, from 23rd to 28th September 2019 in collaboration with APSSDC. The experts from APSSDC explained various concepts of Amazon Web Services related aspects right from the fundamentals for III year B.Tech ECE students. The workshop started with a presentation on introduction to Amazon Alexa and origin of Amazon Web Services.

A Report on NARL Visit Dated on 27/09/2019

Department of ECE had organised an industrial visit to NARL Gadanki, Tirupati for III year ECE students dated on 27/09/2019. A total number of 70 students and 4 faculty members took part in the visit.

A Six Day Hands On Workshop On "Amazon Web Services-Amazon Alexa" at GIST

A Six day workshop on Amazon Web Services was organized by the department of ECE, from 22ⁿᵈ to 27ᵗʰ July 2019 in collaboration with APSSDC. The experts from APSSDC explained various concepts of Amazon Web Services related aspects right from the fundamentals for III year B.Tech ECE students.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NEWS LETTER

ABSOLUTE ELECTRONICS

"Key to Success"

Vision

➢ To become a reputed learning centre producing competent professionals.

Mission

DM1: Provide Quality education through interactive teaching-learning practices.

DM2: Establish Technology-enabled environment for building core competencies including robotics.

DM3: Arrange Industry-Interaction to hone professional skills.

DM4: Organize activities to foster social skills and ethical values.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Apply Engineering concepts to solve Electronics and Communication Engineering problems of social relevance.

PEO2: Design and develop Electronic devices and Systems for Industry or pursue research.

PEO3: Demonstrate competencies through continuous learning and adapt to multi-disciplinary environment.

PEO4: Practice professional values and contribute to the societal needs.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Professional Skills: Apply principles of Analog and Digital Electronics, Communication Systems, Image processing, VLSI and Embedded Systems to solve diverse problems.

PSO2: Software Knowledge: Develop solutions for complex engineering problems of social relevance by employing Xilinx, CC Studio, Micro Wind, Keil, NG Spice, Scilab tools.

Editorial Board:

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3. D.Yashwanth (II ECE), 4. Sk.Muthahar(II ECE)

Artificial intelligence (AI)

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving. The ideal characteristic of artificial intelligence is its ability to rationalize and take actions that have the best chance of achieving a specific goal. The goals of artificial intelligence include learning, reasoning, and perception. AI is continuously evolving to benefit many different industries. Machines are wired using a cross-disciplinary approach based in mathematics, computer science, linguistics, psychology, and more.