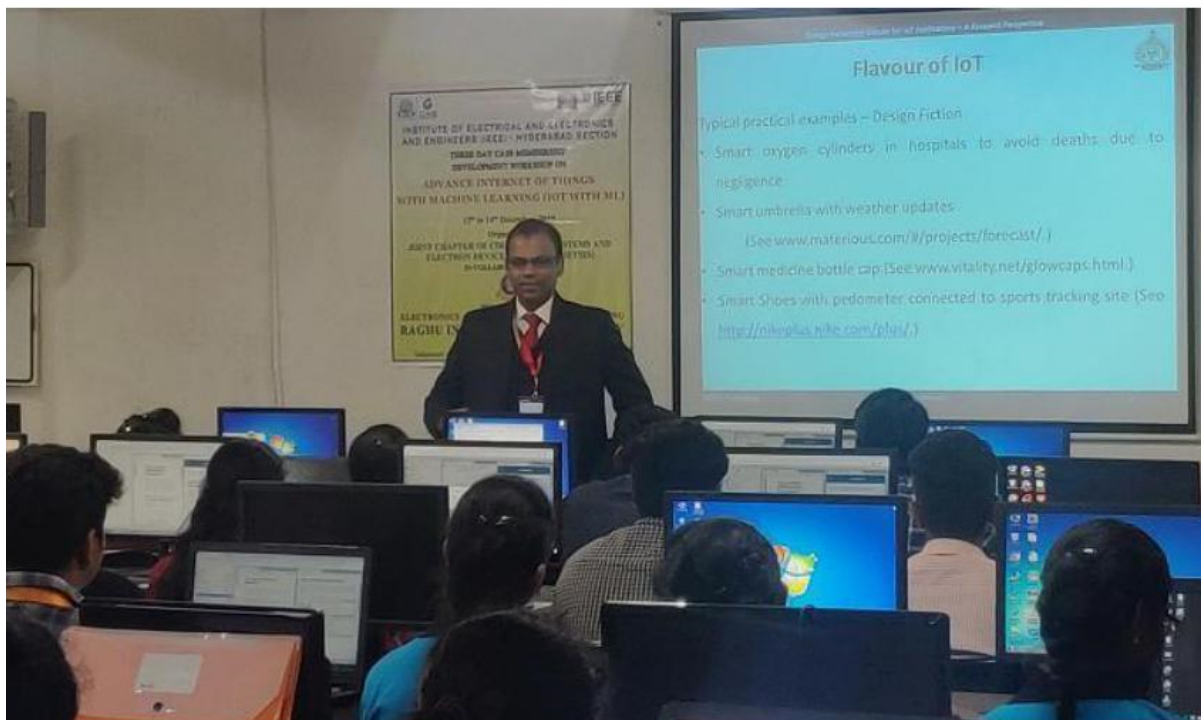# Advance Internet of Things with Machine Learning at RIT, Vishapatnam

IEEE Circuits and Systems society and Electron Devices Society joint Chapters of IEEE Hyderabad Section in collaboration with Department of Electronics & Communication Engineering, Raghu Institute of Technology, organized a Three day workshop on Advance IoT with Machine Learning during Dec 12- 14, 2019. The recently constituted IEEE Circuits and Systems Society (CASS) Chapter of IEEE student branch at Raghu Institute of Technology hosted the event. Mr.Sai Prasanth Kanumuri, Mr. SrikarSomanchi, Mr. Harsha Vardhan Marrisetty, Ms. N V Monalisha Mohanty, Mr. Sai Ramana Ganesh Vasanthavada, Ms. Amrutha Tamarapalli, Ms.LaxmiJahnavi Vanam, Ms. Shalini Raghupatruni are the student members of the IEEE CAS/EDS Joint Chapter Activities John McCarthy Memorial Lecture 2019 Expert talk on Blockchain Technologies at MJCET Half day Technical Talk at Hotel Meghalaya, Vizag CASS Chapter have also served as teaching assistants in the workshop for which they received appreciation certificates from IEEE Hyderabad Section. Similarly, Mr. O.Santa Ram, Ms. Manisha, Mr. Kamal, Mr. Shiva Balaji, are other IEEE student branch members who have extended their support as volunteers and made the event happening.

Arifuddin Sohel is delivering the session

There were about 72 participants from various colleges of Visakhapatnam, Vizianagaram, Srikakulam, Krishna, East Godavari and west Godavari Districts. Prof. Md. ArifuddinSohel, IEEE CAS/ED Societies joint Chapter Chair delivered lectures on Machine Learning and implementation using Python on Jupyter Notebook. Prof. VVSSS Chakravarthy, Mr. Muniruddin, Mr. Badrinath Chitti and Mr.Adithe Sarma have delivered lectures and

conducted hands on practice session using Node MCU and Raspberry Pi. The participants have successfully developed various IoT based projects during the hands on sessions.

Group photo with Participants and organizers

Volunteering Opportunities in IEEE

IEEE Circuits and Systems Society Student Chapter of Vaagdevi College of Engineering in collaboration with IEEE Circuits and Systems Society Chapter, Hyderabad Section had organized a webinar on ―Volunteering Opportunities in IEEE‖ on 11th April 2020. The webinar was organized under the guidance of CAS Chair Dr Chandrasekhar and Mr M.A.H. Shamshi, Advisor of IEEE VCE CASS SBC. Speaker of the session was Mr. Harish Mysore, senior director of IEEE and manager of IEEE India Operations. The session started with a brief information regarding IEEE Societies, Councils and IEEE initiatives. Mr. Harish Mysore also explained the process of IEEE volunteering, various IEEE CAS/EDS Joint Chapter Activities r Activities Teaching with Matlab in Modern Classroom Volunteering Opportunities in IEEE Online Teaching Tools Digital Parenting Research Proposal Writing Content Delivery Using Moodle and Canvas Development of Low –Cost assistive Technology solutions to aid Differently abled People volunteering opportunities and also explained about the rewards. He also enlightened the attendees on how to become a fruitful volunteer. Dr. Amit Kumar, section chair, IEEE Hyderabad section appreciated the session and thanked the speaker to share the different characteristic of IEEE. Dr. Dhankumar and Dr. Y. Vijayalatha attended the event as panelist. Event was very interactive and highly appreciated by all participants. Finally, Mr. Mahesh Neerati conveyed the vote of thanks.

CAS/EDS Joint Chapter – (9 Activities)

Event Title	Event Date	Event Category
Verification, Testing, and Validation of VLSI Chips : Hyderabad Section Chapter, CAS04/ED15	2/28/2020 9:30	Technical
Chip Chat : Hyderabad Section Chapter, CAS04/ED15	3/9/2020 15:30	Technical
Webinar on Analog IC Design Challenges for Automotive electronics : Hyderabad Section Chapter, CAS04/ED15	4/14/2020 10:00	Technical
CAS/ED Execom Meeting : Hyderabad Section Chapter, CAS04/ED15	5/10/2020 11:00	Administrative
Virtual Distinguished Lecture On Machine Learning for Analytics Architecture: AI to Design AI : Hyderabad Section Chapter, CAS04/ED15	6/19/2020 18:00	Technical
Compact Models for Analog Circuit Design : Hyderabad Section Chapter, CAS04/ED15	10/14/2020 18:30	Technical
CAS/ED Execom Meeting : Hyderabad Section Chapter, CAS04/ED15	11/7/2020 19:35	Administrative
Electro Static Discharge(ESD) Issues and Challenges for Semiconductor Technologies : Hyderabad Section Chapter, CAS04/ED15	12/4/2020 9:30	Technical
CAS/ED Execom Meeting : Hyderabad Section Chapter, CAS04/ED15	12/19/2020 19:30	Administrative