

# IETE Student Forum Data for Website Updating from 2019-2020-2021- 2022

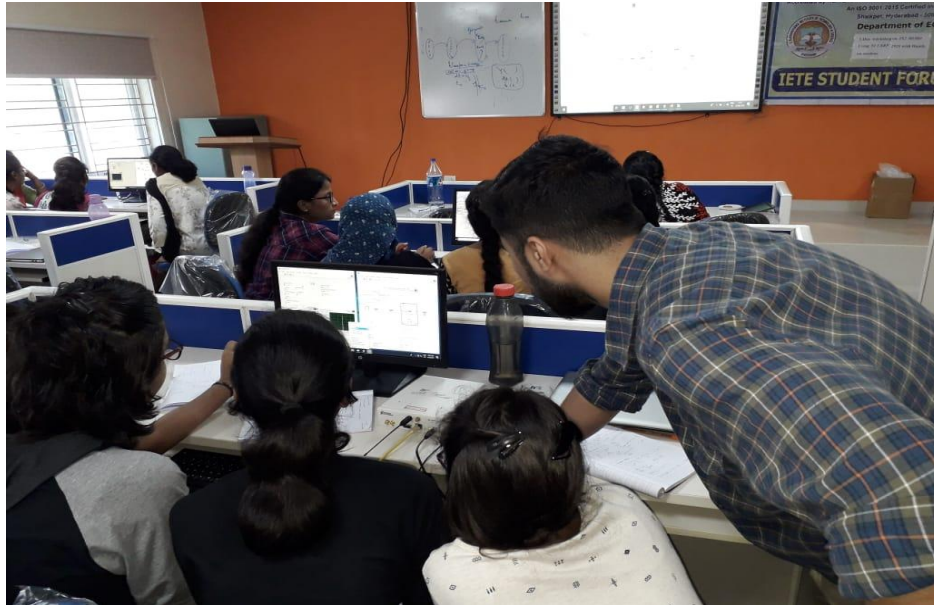
## IETE events for the Academic Year 2019-20

- The “**Career Awareness Program and hands-on-session on Robotics**”was conducted on **18/07/2019** with support of Mr. VasanthVidyakar, Project Coordinator, Skyfi labs and total active participation of **61**members.



Mr. Vasanth Vidyakar address the students on Career Awareness Program and hands-on-session on Robotics

- **3 days workshop on 2x2 MIMO using NI USRP 2920** with hands on session conducted on 23-8-2019, 26-8- 2019 and 27-8-2019 for both students and faculty of ECE Dept. The session was successful to attract as many as participants of **43** members.



Participants of 2x2 MIMO using NI USRP 2920 workshop are interacting with resource person

- **Poster presentation on “The Role of AI and ML in the Development of the society”** on the occasion of 66th IETE FOUNDATION DAY CELEBRATION 2019 for 2nd, 3rd years and 4th years on **29/10/2019**. The total number of student participants from different years was **29**.

#### Poster presentation Winners

S.No	Name & Roll Number	Title Of The Paper	Prize
1	Krishna Aditi(17251a04d4), S. Sahithi (17251a04h5), G.Srihitha (17251a04f6)	3 rd YEAR	Winner
2	R.Harshitha (17251a04e6), S.Sony (17251a04e7)	3 rd YEAR	Runner



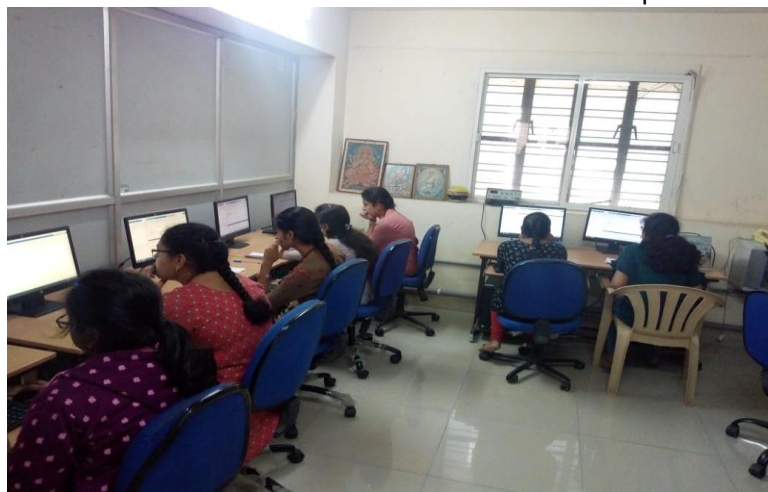
students are displaying their Poster at Poster presentation on “The role of AI and ML in the Development of the society” on 29/10/2019

- An “**Industrial visit to SDSC-SHAR (ISRO), Sriharikota**” was organized by Department of Electronics and Communication Engineering, GNITS, with **94** students of final year B.Tech students **on 29/10/2019**. The objective of the visit was to provide a technical exposure to the students about Space Technology. The visit gave great exposure to the students about the future career prospects and areas of research in applied sciences.



An industrial visit to SDSC-SHAR (ISRO), Sriharikota on 29/10/2019 by IETE students

- Next event was “**Code Debugging**” that tests the coding skills of the students. The event was conducted for second years on **17/12/2019**. The participants were given two codes to be debugged in 30 minutes. Around **20** students from each section turned up for the event.



Students are trying to debug the given test code at event Code Debugging on 17/12/2019

**The Winners of the Code Debugging event are:**

S.No	Name & Roll Number	Prize
1	M.S.Likhitha (18251A04A6)	I
2	D.Shreya (18251A0499)	II
3	PrathyushaKasam (18251A0404)	III

### ➤ Hands on program - Linux Fundamentals Skill Development

This session was conducted to introduce and make hands on for the students to Linux platform. The session was conducted for ECE second years on 27/02/2020 by speaker Mr. S. Janarthanswamy, Ex-ECIL employee. Participants are 148 students.

In this session students get to know that Linux is one of the most preferred OS all over the world. Students learnt some of the fundamentals of the Linux. The participants were very excited to learn because they found that is ideal for programmers and can integrate with old technology and reliable.



Mr. S. Janarthanswamy address the students on One Day Workshop on Linux Fundamentals.

### ➤ 24 hr HACKATHON on “Data science”

Data science Hackathon witnessed participation of nearly 50 students from 3<sup>rd</sup> year on 14/03/2020 10AM to 15/3/20 10AM. The event was conducted by IETE in collaboration with Brain-o-vision.



Winners receiving prize by Brain-o-Vision team and HOD

A 6hr boot camp was conducted on data science followed by the four-phase hackathon

**Phase1:** The participants were decided into teams of 5-6 each. A student from their teams would pick the problem statement to be solved.

**Phase 2:** This phase involves the teams to test their data set built using the models of machine learning, that is regression or classification. By using spyder platform for python coding, to run the codes to train and predict the data.

**Phase 3:** Participants built a chatbot a model with human like interactions and integrated it with the code for prediction of the outcome as an addition to the problem statement.

**Phase 4:** All the chat-bots built by the teams are integrated into one code and the respective code is executed to get the expected outcome.

After the completion of all the phases, the two best performing teams are selected. The winning teams are rewarded with cash prizes.

- **National invited speakers conference on “IoT for Real World applications”** for Students and Faculty was conducted. This prestigious event was a big success with participants of around 400.



Lightening of the lamp by dignitaries on the dais Sri. P. Subhareddy, Chairman, GNITS, Professor. A Ravi Kumar, Chairman IETE Hyd, Dr. J.W.Bakal, IETE President Delhi, Patron Dr. V Gunasekhar Reddy, Dr. A.P. Thakare, (Chairman, TPCC, New Delhi), Dr. K Ramesh Reddy, Principal, GNITS, Dr. B. Venkateshulu, Conference Convener.