

## Academic Year 2018 – 2019

### Session on “Introduction to Deep Learning”



Department organized a session on “Introduction to Deep Learning” for the students. The session was conducted on 5<sup>th</sup> February 2019. Mr. Fariz Rehman, Deep learning engineer at Sky Mind was the key speaker for the session. Mr. Mohammed Ibrahim (Alumni of CSE), Former software engineer at Shastra robotics was also a speaker in the session. They gave an overview about the opportunities of Artificial Intelligence , Robotics, Data analytics and so on.

### Expert session on “Next Generation computing systems”

Mr. Abhijith Das, Ph.d Scholar at IIT Guwahati took an expert session on “Next Generation computing systems ” on 7<sup>th</sup> February 2019. The interactive session was attended by S4 and S6 students. He briefed about the advanced computer architectures. He presented the concept of TCMP and explained the working and significance of it for performing various activities to students. He also discussed the limitations of Indian companies to manufacture chips.



### **Workshop on “Web Technologies”**



Department organized a 5-day workshop on ‘Web Technologies’ for the S6 students from 10<sup>th</sup> January 2019. Hands-on sessions on HTML, CSS, MySQL, PHP were included in the workshop. The workshop was conducted by Infy Academy, Kochi.

### **Webinar on “AI: Deep Reinforcement Learning “**

Webinar by Mr. Anirban Ghatak, Founder of Mierobot on 8th November 2018 was attended by S7 students. The webinar was on “AI: Deep Reinforcement Learning Webinar” which cover the topics like Markov Decision Process (MDP) and the tools required for enabling the use of Reinforcement Learning. Anirban captured the interest of student by showing how Reinforcement Learning can be applied in gaming, how it’s used by the famous entrepreneur Elon Musk and so on. He had explained about tools in reinforcement learning such as OpenAI and how to install it. An interactive session and demo on how a video game can be played by the computer itself and improve its game play was also included.



### **Session on “Accelerated block chain Competency development”**



Mr. Prashant K N, ICTAK academy, Kerala took a session on ‘Accelerated block chain Competency development’ for S5 studnets on 30<sup>th</sup> October 2018. He briefed about Block chaining and its relevance in the future technological advancements.

### **Motivational Talk “Industrial experience”**

A session for S7 students was conducted by Ms. Manju Mohan & Ms. Amrutha T G, Software engineer at IBS and Mr. Siddarth Prajosh, Software engineer at Turbo lab about their Industrial Experience on 28th September 2018. Formal Alumni of our department told us about the working environment and also about the need of having extra skills and the perks of having them.





### **Career Orientation on “Big Data Analytics” on 21-09- 2018**



A session on on “Big Data Analytics” on 21-09- 2018 was conducted for S7 students. Big data analytics has always been a center source of discussion which has gained a much popularity in recent years. Mr Vishnu from Suntec and Mr. Vyshakh from Infopark, alumni of the department, helped the students explore the wonderful opportunities in the field of big data analytics

### **Orientation session on 10<sup>th</sup> August 2018**

The first week of every student in his/her new college is something that will have its impact throughout his journey in the campus. With an aim to make it the best as possible, orientation sessions were organized to the first year Computer science and engineering students by Yadev Jayachandran, who is also a student of 3rd year, CSE, and the lead of Developer Student Clubs by Google Developers at the campus, and Abhay P A, who is a 3rd year student of CSE and is a Student outreach lead at Mozilla Campus Club.



## INTERNAL INTERNSHIPS

- “Cyber security, Web development and Networking” – Department of CSE TIST in association with Softnettalentz Softwares organised a week long Internship program for students from July 25 to July 31, 2018 in the domains Cyber security, Web development and Networking.
- **Industrial Training program on Machine Learning** – Department of CSE TIST in association with MieRobot organised an Industrial Training program on Machine Learning for the s7 CSE students. An Online + Hands On Training Mode was successfully tried out for the Training. The students underwent a monthlong Online training on Python essentials for Machine Learning, followed by 5 day Hands on Implementation of various Machine Learning algorithms from July 23-July 27, 2018. Mr Anirban Ghatak, Senior Director MieRobot was the resource person
- SHORT TERM TRAINING PROGRAM (INDUSTRY INTERNSHIP) ON ‘BASICS OF PROJECT MANAGEMENT” – Industry Internship training on ‘Basics of Project Management’ was conducted by Mr. Raphy P Varghese, CEO, gooseBerry.media, Technolodge, Piravom from 4th to 14th June 2018 for S2 students.