

## **Workshops Menu**

### **2 – Days Hands-on Workshop in DEEP Learning**

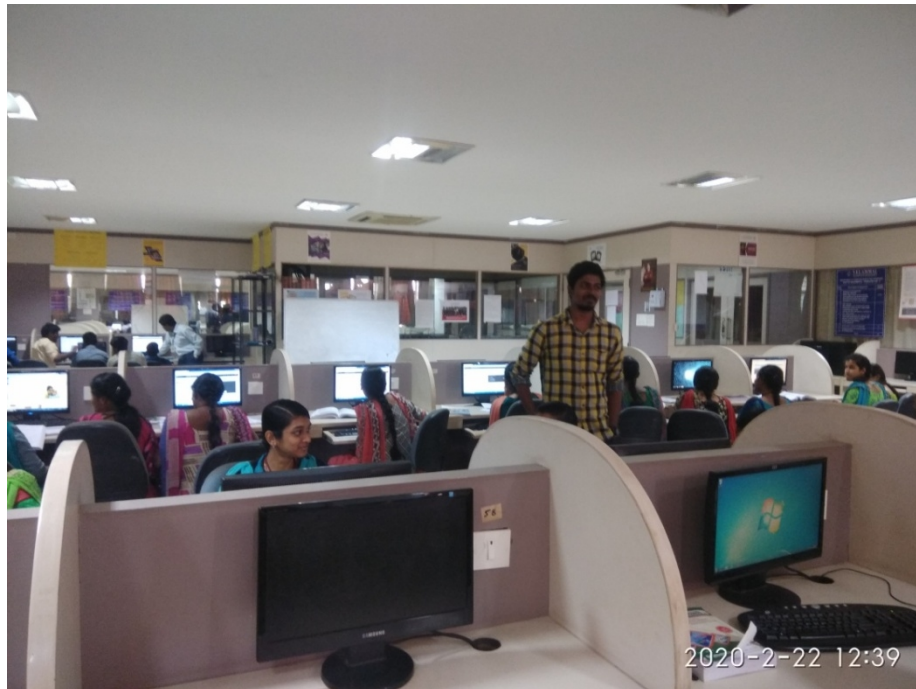
Deep Learning is one of the essential fundamentals required to step into the rapidly emerging and upcoming era of Artificial Intelligence (AI). Data processing requires “Computational Thinking” and is essential to have hands-on experience in using computational tools for problem-solving. This workshop aims to explore the recent development and various machine learning and deep learning based security approaches in the field of cyber security. Deep learning is a subset of machine learning in artificial intelligence (AI) that has networks capable of learning unsupervised from data that is unstructured or unlabeled.

Deep learning Workshop was conducted for the Third Year CSE students on 6<sup>th</sup> & 7<sup>th</sup> Feb 2020 by Dr.Arun Nehru and Mr.Anwar Basha, SRM Institute of Science and Technology, Vadapalani Campus. This workshop has covered the Introduction to Machine Learning with Real-time Scenarios. Hands-on with popular Machine learning algorithms using ipython notebook (Jupyter). Introduction to Deep Learning with Real-time Scenarios. Hands-on Deep learning algorithms using ipython notebook (Jupyter). Implementing Deep learning algorithm in floyd cloud. The workshop has helped the students to learn the principles of Machine Learning & Deep learning and understand how to apply deep learning & Machine Learning for solving real time problems.



### **Workshop on “iOS Application Development”**

The Department of Computer Science and Engineering has organized a Workshop on iOS Application Development for third year CSE Students by Mr. Hemsharavanan, Infosys Technologies on 7<sup>th</sup> January 2020. He had focused on iOS Development Basics, learning to install XCode and understanding XCode, learning to create a simple iOS app, introduction to pillars of iOS app development and understanding frameworks and Apple HIG.



### **Workshop on “Automation Testing Using Selenium”**

The Department of Computer Science and Engineering has organized a Workshop on Automation Testing Using Selenium for third year CSE Students by Mr.D.Sai Vignesh, QAE Conslutant, Amazon Ltd on 10<sup>th</sup> January 2019. Selenium is an open-source tool that is used for test automation. Selenium is a suite of tools that helps in automating only web applications. It has capabilities to operate across different browsers and operating systems. Selenium is not just a single tool but a set of tools that helps testers to automate web-based applications more efficiently. The Selenium-IDE (Integrated Development Environment) is an easy-to-use Firefox plug-in to develop Selenium test cases. Mr.D.Sai Vignesh has conducted hands on sessions on tools such as Selenium IDE, Selenium RC, Selenium WebDriver, Selenium Grid towards the real time applications.



### **Workshop on “Cloud Application Development”**

The Department of Computer Science and Engineering has organized Two days Workshop on Cloud Application Development for third year & final year Students by Mr. Vigneswaran Paramathayalan, Principal Consultant, Cloud Bull, Dubai during 21<sup>st</sup> and 22<sup>nd</sup> February 2017. He has covered the following:

- Introduction to Cloud Computing
- SaaS, PaaS, IaaS models
- Introduction to Amazon Web Services
- Developing Applications on AWS - Static sites using S3, Cloudfront, Secure Certificate
- Developing Applications on AWS - Dynamic sites using EC2, RDS
- Introduction to advanced Cloud Computing Features - Serverless Architecture, API Gateway, Cognito etc.

