

# Trinity Institute of Professional Studies

## Professional Week

### CS & IT Department

Date: 19/09/2022- 23/09/2022

The CS & IT department of Trinity Institute of Professional Studies organized a five day long Professional Week for the BCA students w.e.f. 19/09/2022 to 23<sup>rd</sup> September 2022. Expert trainers from the IT industry, IT professionals, well-known academicians, cyber security experts, reputed psychologist, alumni entrepreneurs of the institute, were the resource persons in the various sessions of the professional week. In addition there was also a Placement Assessment Test (PAT) for the students as part of the activities

The programme schedule of the said week was:

Professional Week Schedule for 5 <sup>th</sup> Semester			Professional Week Schedule for 3 <sup>rd</sup> Semester		
Date	Time	Event Title/Resource Person	Date	Time	Event Title/Resource Person
19/09	10:00AM-5:00PM	Python Programming/Mr. Ravikant, Data Scientist & Co Founder, Brain Mentors	19/09	10:30AM-11:30AM	Networking/Dr. Priyank Singhal, Associate Professor, Dept. of CSE, TMU(UP)
20/09	10:00AM-1:00PM	PAT by Coding Ninja's	19/09	12:00Noon-1:00PM	E Commerce/Dr. Bikramjit Pal, Assistant Professor, MDI, Murshidabad, West Bengal
21/09	10:00AM-12:30PM	Android Development/Mr. Sanjeev Kumar, Sr.Engineer, Debox Global IT Solutions, Noida (UP)	20/09	10:00AM-5:00PM	Web Development/ Mr. Amit Srivastava, Founder & CEO, Brain Mentors
21/09	12:30PM-1:30PM	Psychology Lecture/Dr. Noopur Chatterjee, Sr. Psychologist	21/09	11:00AM-12:00Noon	Alumni Interaction/ Vivek Sharma
22/09	10:00AM-12:00Noon	Cyber Security/Mr. Neel Maurya, IICT	21/09	1:30PM - 3:30PM	Android Development/Mr. Sanjeev Kumar, Sr.Engineer, Debox Global IT Solutions, Noida (UP)
22/09	1:00PM-2:00PM	Alumni Interaction/Mr. Anurag Arora	22/09	12:30-2:30	Mobile Application Development/ Mr. Himanshu Tarif, Engineer, IICT
23/09	1:30PM-2:30PM	IOT/Dr. Priyank Singhal, Associate Professor, Dept. of CSE, TMU(UP)	23/09	12:00-3:00	PAT by Coding Ninja's
23/09	2:30PM-3:30PM	Cloud Computing/Dr. Rajeev, Associate Professor, GL Bajaj Instt. of Technology & Mgmt.			

The sessions were conducted in two parallel sessions- one for 5<sup>th</sup> & the other for 3<sup>rd</sup> semester students.

#### Day-1:

The session on “Python Programming and Machine Learning” was conducted by Mr. Ravikant. The different topics he covered were different programming languages, introduction to python programming, basic syntax used in python programming, Data Science and its various steps, Data analysis, EDA, Statistics, Machine Learning, Model Optimization and Deployment, Web Scraping & API Call. The resource person demonstrated Game Development using Python and practical visualization of the same. The participants get

to know about the language, idea of working on data science, and of course the career scope associated with the language & the technology. The session continued from 10:30AM to till 4:30PM.

There were two expert lecture sessions for the 3<sup>rd</sup> semester students on the first day- first on Networking and the other on e-Commerce. The first lecture was delivered by Dr. Priyank Singhal and he highlighted on concepts of networking: switches, routers, access points, software; different job roles in Networking domain such as Network Administrator/Network Specialist, Network Security Administrator/Specialist, Wireless Network Engineer, SOC Analyst, Cloud Administrator/Engineer, Industrial Network Administrator; the different career trends in networking like Network Automation, Software based Networks, the Cloud, Wireless and Mobile Networks and steps to begin career in networking. He also informed students about different Simulation tool for learning: 8.2(CISCO PACKET TRACER) and PACKET PRESSED TOOL. He also executed a short practical on PACKET PRESS TOOL. It ended with Q&A session. The second lecture of the day was on e-Commerce delivered by Dr. Bikramjeet Pal. His lecture focused on the importance and the use of E-commerce in our daily lives. He explained that e-commerce is a methodology of modern business which mentions the need of business organisations, vendors and customers to reduce cost and improve the quality of goods and services while increasing the speed of delivery. He explained that e-Commerce refers to the performing online commercial activities, transactions over internet whereas e-Business refers to performing all type of business activities through internet. Both of them are constantly helping upgrade the world into different levels and dimensions. The students found it very insightful and informative

#### **Day -2:**

On the 2<sup>nd</sup> day, the Placement Assessment Test was conducted online in collaboration with Coding Ninja's for 5<sup>th</sup> semester students. The test commenced at 10:00AM to till 1:00PM.

On the other hand Mr. Amit Srivastava from Brain Mentors workshop on Web Development for the 3<sup>rd</sup> semester students which continues from 10:30AM to till 4:30PM. Students got opportunity to interact and have hands on experience on developing pages and sharing resources on Github.

#### **Day -3:**

The 5<sup>th</sup> semester students were oriented on the Android Development by Mr. Sanjeev Kumar from Debox Global IT Solutions Ltd. on the 3<sup>rd</sup> day. It was a fruitful session for the participants as the topic was new to the participants. Later, renowned psychologist, Dr. Noopur Chatterjee, conducted a session for the students on Psychology about how to stay positive in any situation.

An alumni interactive session with Mr. Vivek Singh was organized with the 3<sup>rd</sup> semester students where students raised their queries on many points like how to plan and prepare for career and also the different prospects and dimensions available after completing BCA.

#### **Day -4:**

On the 4<sup>th</sup> day the 5<sup>th</sup> semester students have sessions on Cyber Security by Mr. Neel Maurya from IICT and an alumni interaction by Mr. Anurag Arora. The 3<sup>rd</sup> semester students have session by Mr. Himanshu Tarif from IICT.

#### **Day 5:**

The 5<sup>th</sup> day of the Professional Week sees online lectures on IOT and Cloud Computing by Dr. Priyank Singhal, Associate Professor from TMU and Dr. Rajeev, Associate Professor, GL Bajaj Instt. of Technology and Mgmt. For the 3<sup>rd</sup> semester students Placement Assessment Test (PAT) was organized in collaboration with Coding Ninjas.

Through this professional week the participants got the glimpses of various events and activities clubbed with expert lectures. The feedbacks taken from the participating students reflect the fact that they learnt many aspects of life and future prospects of career and job.