

## **Seminar/ Workshop/ Invited Talk Organised**

1. Prof Naveen Aggarwal, Organized a one-day workshop on “One M2M” along with Telecommunication Development Society India (TSDSI) at UIET, Panjab University, Chandigarh on 19th February 2018.
2. Prof Naveen Aggarwal, Member of Organizing Committee in organizing 12th Chandigarh Science Congress (CHASCON) organized at Panjab University, Chandigarh from 12th February to 14th February 2018.
3. Prof Naveen Aggarwal Organized a two-week course on “Big Data and Analytics” at UIET, Panjab university, Chandigarh from 8th -21st January 2018.
4. Prof Naveen Aggarwal, Organizing secretary for one-day workshop on Android App Development at DIC, Panjab University, Chandigarh on 11th November 2017.
5. Prof Naveen Aggarwal Organized a two-day workshop on “Controllers and their use in IOT” at DIC, Panjab University, Chandigarh on 7-8th November 2017.
6. Prof Naveen Aggarwal Organized a one-day lecture of Sh. Vivek Atray in collaboration with Kaivalya Education Trust on 24th October 2017.
7. Prof Naveen Aggarwal Organized a Design Innovation Contest under Design Innovation Centre at UIET, Panjab University from 18-19 September 2017.
8. Prof Naveen Aggarwal Organized a two-day workshop on Big Data at DIC, Panjab University, Chandigarh from 2-3 September 2017.
9. Prof Naveen Aggarwal Organized a special Elective Course on “Data Mining” for Post Graduate students under Minor Specialization Course Category from January 2017 to May 2017.
10. Prof Naveen Aggarwal Organized a One-day workshop on “Internet of Things” at DIC, Panjab University, Chandigarh on 17th April 2017.
11. Dr. Mamta Juneja, Workshop on Startup and Innovation Program sponsored by TEQIP III, 26/10/2017-28/10/2017.
12. Dr. Mamta Juneja, Workshop on Swayam and Swayam Prabha sponsored by TEQIP III, 20/1/2018
13. Dr. Mamta Juneja, Workshop on Web Technologies sponsored by Utechnos, 7/4/2018- 8/4/2018
14. Dr. Mamta Juneja, Workshop on 3D Modeling and Printing sponsored by TEQIP III under twinning arrangement with UIET, PU, 16/8/2018 to 19/8/2018, TEQIP-III.
15. Dr. Mamta Juneja, International workshop on genome informatics sponsored by GIAN, DST, 3/10/2018-8/10/2018, DST.
16. Dr. Mamta Juneja, Workshop on Cognitive Skills, Design and Critical Thinking Organised by IIC and PU, sponsored by DIC 20/11/2018
17. Dr. Mukesh Kumar, Dr. Preeti Aggarwal, Dr. Deepti Gupta organized, Workshop on Machine Learning and Deep Learning: Applications in NLP, Computer Vision and IoT, UIET, PU, Chd, July 10-14, 2018,
18. Dr. Mamta Juneja, Workshop on 3D Modeling and Printing From 16/8/2018-19/8/2018, sponsored by TEQIP III under twinning arrangement with UIET, PU
19. Dr. Mukesh Kumar, organized one month course on Programming with Python (1st June -30th June, 2020)
20. Dr. Mukesh Kumar, organized one month course on Machine Learning with Python (7th Sep.-7th Oct., 2020)
- Dr. Mukesh Kumar, organized one month course on Big Data Analytics (14th Dec.-13th Jan., 2020)
21. Dr. Mukesh Kumar, organized one month course on Block chain Technology: From Theory to Implementation (1st Mar.-31st Mar., 2021)
22. Dr. Mukesh Kumar, organized one month course on Deep Learning Course (21st June-21st July, 2021)
23. Dr. Mukesh Kumar, organized one month course on Programming with Python and IoT Perspective Course (26th July-25th Aug., 2021)
24. Dr. Deepti Gupta, organized an Industry Expert Talk by Mr. Anuj Sharma Sr IT Developer at Amica Insurance, Greater Boston titled Introduction to GitHub-Distributed Version Control 11th December, 2020
25. Dr. Deepti Gupta, organized Industry Expert Talk by Dr. Yogesh Nagpal, Founder and Director, Winsome Intellectual Property Solutions LLP titled Overview of Intellectual Property Rights and its Role in Protection of Software-related Inventions on 11th December, 2020
26. Harish Kumar, Sakshi Kaushal, Sarbjeet Singh organized Expert talk by Deepa Tyagi, Head TEC, GoI titled Future Telecom Technologies on 3/25/2021

27. Harish Kumar, Sakshi Kaushal, Sarbjeet Singh organized an Expert talk/Motivational talk/industry expert by B M Baveja titled Digital India and Innovation & Research in Convergent Communication Technologies including 5G on 5/5/2021
28. Harish Kumar, Sakshi Kaushal organized Industry Expert titled Creativity and Design Thinking by Deepti Baveja on 6/4/2021.

**Expert Talks Delivered:**

29. "Case Studies and Applications of Cyber Physical System: M2M Communication" on June 30, 2021 in one-week short-term training program on Cyber Physical System Organized by Ramrao Adik Institute of Technology, DY Patil University, Navi Mumbai
30. "Data Analytics in M2M Communication", NIT Jalandhar, April 29, 2021 in STTP organized by NIT Jalandhar
31. Writing research paper and thesis writing using Latex, 6th National Workshop on Research Methodology and Data Analysis, 8 July 2019
32. "How to write Thesis in MS Word", on (FN). Refresher Course in Information Technology, Academic Staff College, Panjab University, Chandigarh 15 Jan 2018
33. "Intelligent Transportation System: Opportunities and Challenges" Faculty Development Program on IoT and Smart cities, Punjab Engineering College, Chandigarh. Aug 2020
34. "Text classifications" in at Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, on TEQIP III sponsored five day STC on "Machine and Deep Learning in Computer Vision" 11 August 2019.
35. "Data Mining and Algorithmic approaches CDAC during Training Programme on "Big Data Management & Comprehensive Analysis" under the Scheme "National Programme For Training Of Scientists & Technologists Working In Government Sector" at CDAC, Mohali campus 12 February 2019.
36. "Hands on Session on MS Word" Refresher Course in Information Technology, Academic Staff College, Panjab University, Chandigarh 15 Jan 2018 (AN).
37. "DSpace: Information Repository for institutes" 5-day workshop on "Creation and Management of Digital Repositories using Open Source Software organized by AC Joshi Library and INFILIBNET Centre, Gandhinagar. 11 January 2019
38. "Forensics and Security" Short Term Course on "Network Security and Firewall" at NITTTR Chandigarh 16 January 2018
39. "Big Data: Hope vs Hype", Short term Course on Mathematics in Engineering (MIE) under TEQIP – III organized by Punjab Engineering College, Chandigarh 5th June 2018.
40. "Big Data: Hope vs Hype", UGC Refresher Course in Professional practices, Academic Staff College, Panjab University, Chandigarh 17 Jan 2018
41. "Big Data Analytics", UGC Refresher Course in Information Technology, Academic Staff College, Panjab University, Chandigarh 17 Jan 2018
42. Talk in a plenary session in the 28th International Telecommunications Networks and Applications Conference, from November 21 to November 23, 2018 at University of New South Wales in Sydney, Australia.