

1. NEW DELHI => Expert Lecture in the Annual IT Seminar SONIC 2k15 on Internet of Things on 31-January-2015 at JIMS, Rohini, New Delhi
2. AGARTALA, TRIPURA => Resource Person and Expert in the TEQIP-II Sponsored Workshop on **Effective Implementation of Research Proposals, Simulations and Reports** for the Research Scholars and Academicians (Sessions on LaTeX, Beamer, SciLab, Patents, Intellectual Property Rights, Copyrights, Publishing in SCI Journals, Research and Development Activities / Grants, Thesis Writing) at Tripura Institute of Technology, Narsingarh, Agartala, Tripura (W)  
from 22 - 24 January 2015
3. AGARTALA, TRIPURA => Resource Person and Expert in the TEQIP-II Sponsored Workshop on **Entrepreneurship Development using Open Access Resources** for the Research Scholars and Academicians at Tripura Institute of Technology, Narsingarh, Agartala, Tripura (W)  
from 21 - 22 January 2015
4. INDIAN AIR FORCE, AIR FORCE STATION, AMBALA => Resource Person and Expert in the **Special Course on Web Design and Database Administration** for the Air Warriors at Air Force Station, Ambala (Indian Air Force, Ministry of Defense), Govt. of India conducted from 3 November - 6 December 2014
5. NITTTR, CHANDIGARH => Resource Person and Expert in the **National Level Short Term Course (STC) on Network Security and Firewalls** (With Hands-on Sessions on Network Simulation using ns2) on 12-November-2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 10 - 14 November 2014
6. NITTTR, CHANDIGARH => Resource Person and Expert in the **National Level Short Term Course (STC) on Image Processing using SciLab** on 29-October-2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 27 - 31 October 2014

7. NITTTR, CHANDIGARH => Resource Person and Expert in the **ICT Based Short Term Course (STC) on Securing Networks Through Firewalls, VPN and Intrusion Prevention System**

Live Broadcasted to Five Engineering Colleges (Under the Project of Ministry of I.T.) on 10 September 2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 8 - 12 August 2014.

8. NITTTR, CHANDIGARH => Resource Person and Expert in the **Short Term Course (STC) on Linux Administration**

(Under the Project of Ministry of I.T.) on 26 August 2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 25 - 29 August 2014.

9. NITTTR, CHANDIGARH => Resource Person and Expert in the **ICT Based Short Term Course (STC) on Open Source Technologies**

- Live Broadcasted to Seven Universities and Engineering Colleges (With Hands-on Sessions on Research Simulators, OpenCV, Alfresco, BigData, Hadoop, MapReduce) (Under the Project of Ministry of I.T.) on 22-23 July 2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 21 - 25 July 2014.

10. NITTTR, CHANDIGARH => Resource Person and Expert in the **Short Term Course (STC) on Web Hacking and Security**

(Under the Project of Ministry of I.T.) on 15 July 2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India from 14 - 18 July 2014.

11. MALOUT, PUNJAB => Resource Person and Expert in the **Short Term Course (STC) on Network Security & Firewall**

on 1-2 May 2014 at Malout Institute of Management and Information Technology (MIMIT), Malout, Punjab (Under the Project of Ministry of I.T.) conducted by NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India from 21 April-2 May 2014.

12. PONDICHERY UNIVERSITY => Resource Person and Expert in the **National Workshop on Big Data and Open Cloud**

conducted by Department of Computer Science, Pondicherry University, Pondicherry, India on 3-4 April 2014.

13. MALOUT, PUNJAB => Resource Person and Expert in the **Short Term Course (STC) on Free Open Source Application Software**

(With Sessions on ns2, WireShark, NetworkMiner, Snort, BigData, Hadoop, MapReduce, Alfresco) on 19-20 March 2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 18-21 March 2014.

14. NITTTR, CHANDIGARH => Resource Person and Expert in the **Short Term Course (STC) on Cyber Crime and Forensic Tools** on 13 March 2014 at Chandigarh College Of Engineering & Technology (CCET), Chandigarh (Affiliated to Punjab University, Chandigarh) conducted by NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 10-14 March 2014.
15. CGC LANDRAN, PUNJAB => Expert Lecture delivered on **Research Methodologies & Simulation Tools** (With Session on CloudSim, CloudAnalyst, WEKA, TANAGRA, SIPINA) under **TEQIP Phase II** for Post Graduate / M.Tech. Students of Chandigarh Engineering College, Chandigarh Group of Colleges (CGC), Landran, Punjab, India (Affiliated to Punjab Technical University, Jalandhar) on 7 March 2014.
16. RADAUR, HARYANA => Resource Person in the **Workshop on Linux Essentials and Administration** at Jai Parkash Mukand Lal Innovative Engineering & Technology Institute (JMIETI), Radaur, Yamunanagar, Haryana, India (Affiliated to Kurukshetra University, Kurukshetra) on 1 March 2014.
17. NITTTR, CHANDIGARH => Expert Lectures delivered in the **Short Term Course (STC) on Content Management System** on 24-February-2014 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 24-28 February 2014.
18. RADAUR, HARYANA => Expert Lectures delivered on **Big Data, Hadoop, MapReduce and Cloud Computing** at Seth Jai Prakash Mukand Lal Institute of Engineering and Technology (JMIT), Radaur, Yamunanagar, Haryana, India (Affiliated to Kurukshetra University, Kurukshetra) on 19 February, 2014.
19. GURDASPUR, PUNJAB => Resource Person and Expert in the **Short Term Course (STC) on Recent Trends in Cloud Computing and its Applications (With Sessions on Amazon Cloud Infrastructure and Cloud Simulation using CloudSim)** on 12-13 February 2014 at Beant College of Engineering and Technology, Gurdaspur, Punjab, India (Affiliated to Punjab Technical University, Jalandhar, Punjab) conducted from 10-14 February 2014 under TEQIP-II.
20. RAEBARELI, UTTAR PRADESH => Resource Person and Expert in the **Short Term Course (STC) on Open Source Technologies**, on 30-31 January 2014 at FGIET (Feroze Gandhi Institute of Engineering and Technology), RaeBareli, Uttar Pradesh conducted by NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 27-31 January 2014.

21. NEW DELHI => Resource Person and Expert in the **Short Term Course (STC) on Web Based Content Development Through MOODLE,**

from 21-25 January 2014 at Bhai Parmanand Institute of Business Studies, Shakarpur, New Delhi conducted by NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India.

22. NITTTR, CHANDIGARH => Visiting Faculty and Resource Person, **Data Mining Algorithms and Implementation Using Open Source Tools,**

M.E. (Modular), NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India on 26 December 2013.

23. MALOUT, PUNJAB => Resource Person and Expert in the **Short Term Course (STC) on Cyber Security and Forensic Tools**

from 9-13 December 2013 at Malout Institute of Management and Information Technology (MIMIT), Malout, Punjab (Under the Project of Ministry of I.T.) conducted by NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India from 2-13 December 2013.

24. NITTTR, CHANDIGARH => Resource Person and Expert in the **Short Term Course (STC) on Mobile Computing**

(With Sessions on ns2 Programming) on 13 November 2013 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 11-15 November 2013.

25. NITTTR, CHANDIGARH => Resource Person and Expert in the **Short Term Course on Open Source Technologies**

(With Sessions on NewSQL, MapReduce, NoSQL and MongoDB) on 4 September 2013 at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India conducted from 2-6 September 2013.

26. JODHPUR, RAJASTHAN => Resource Person in the **Faculty Development Programme on MATLAB Programming**

(With Sessions on Neural Networks using MATLAB and Simulink) at TTC & LRDC (Technical Teachers' Training Centre & Learning Resource Development Centre) Government of Rajasthan, Jodhpur, Rajasthan, India conducted by NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India from 17-19 July 2013.

27. PUNE, MAHARASHTRA => Resource Person and Speaker in the **National Seminar on Data Mining**

(With Sessions on Open Source Tools : WEKA, ELKI, Orange) at Padmashree Dr. D.Y. Patil Institute of MCA, Akurdi, Pune, Maharashtra (Affiliated to University of Pune, Maharashtra) India on 13 July 2013.

28. AGARTALA, TRIPURA => Expert Lectures delivered in the Workshop on **Free and**

## Open Source Software

at The Institute of Engineers India, Tripura Local Centre, Agartala on 21 June 2013.

29. AGARTALA, TRIPURA => Expert Lectures delivered in the AICTE Sponsored Faculty Development Programme on **Topics on Data Mining (With Practical Sessions on WEKA)** at Tripura Institute of Technology, Agartala, Tripura, India (Affiliated to Tripura University, Surya Maninanagar, Tripura (W)) from 10-21 June 2013.

30. RADAUR, HARYANA => Expert Lectures delivered in the Workshop on **Entrepreneurship Development** at Seth Jai Prakash Mukand Lal Institute of Engineering and Technology (JMIT), Radaur, Yamunanagar, Haryana, India (Affiliated to Kurukshetra University, Kurukshetra) on December 1, 2012.

31. RADAUR, HARYANA => Expert Lectures delivered on **Advance Web Development using Open Source Tools** at Seth Jai Prakash Mukand Lal Institute of Engineering and Technology (JMIT), Radaur, Yamunanagar, Haryana, India (Affiliated to Kurukshetra University, Kurukshetra) on May 5, 2012.

32. KURUKSHETRA, HARYANA => Expert Lectures delivered on **Advance Web Development using Open Source Tools** at Technology Education and Research Integrated Institutes (TERII), Kurukshetra, Haryana, India (Affiliated to Kurukshetra University, Kurukshetra) on April 24, 2012.

33. DAMLA, HARYANA => Expert Lectures delivered on **Network Security and Intrusion Detection Systems** at Seth Jai Prakash Polytechnic, Damla, Yamunanagar, Haryana, India on April 18, 2012.

34. NITTTR, CHANDIGARH => Expert Lectures delivered on **Knowledge Management and Content Repository using Alfresco** and **Repositories and Data Mining using WEKA Tool** in the Workshop on "**Building Digital Repository**" at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India from February 27 - March 2, 2012.

35. NITTTR, CHANDIGARH => Expert Lectures delivered in the Workshop on "**Web Based ERP**" at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India from February 20-24, 2012.

36. NITTTR, CHANDIGARH => Visiting Faculty, "**Computer Vision and Digital Image Processing**", M.E. (Modular) Computer

Science and Engineering at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India from December 15-30, 2011.

37. BIKANER, RAJASTHAN => Visiting Faculty, "**Compiler Construction**", Government Engineering College, Bikaner, Rajasthan, India (An Autonomous Institution of Government of Rajasthan) from November 2-5, 2011.

38. BIKANER, RAJASTHAN => Resource Person and Speaker in the Short Term Training Programme "**Web and Mobile Applications Development**" at Government Engineering College, Bikaner, Rajasthan, India (An Autonomous Institution of Government of Rajasthan) from July 11-17, 2011 in association with NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India.

39. NITTTR, CHANDIGARH => Visiting Faculty, **Research Methodology**, M.E. (Modular) Computer Science and Engineering, NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India.

40. NITTTR, CHANDIGARH => Visiting Faculty, **Data Warehousing and Data Mining**, M.E. (Modular) Computer Science and Engineering, NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India.

41. NITTTR, CHANDIGARH => Expert Lectures on **Web Development using Joomla** delivered in the Short Term Course on Web Based Designing at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India (May 23-27, 2011) on May 25, 2011.

42. NITTTR, CHANDIGARH => Expert Lectures on **Installation of LAMP and Implementation of CMS** delivered in the Short Term Course on Linux Administration at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India (May 16-20, 2011) on May 18, 2011.

43. NITTTR, CHANDIGARH => Expert Lectures on **Cloud Computing and Android Operating System** delivered in the Short Term Course on Mobile Computing at NITTTR (National Institute of Technical Teachers' Training and Research) MHRD (Ministry of Human Resource Development), Chandigarh, India (May 2-6, 2011) on May 4, 2011.

44. RAJPURA, PUNJAB => Expert Lectures delivered in the Training Session of **MOODLE LMS** at Chitkara University, Rajpura, Punjab on 21-January 2011 to 25-January-2011.

45. RAJPURA, PUNJAB => Expert Lectures delivered in the Training Session of **Manuscript Submission Portal for the Conferences**

at Chitkara University, Rajpura, Punjab on 7-8 January, 2011.

46. RAJPURA, PUNJAB => Resource Person in the Workshop on **RAD Frameworks (IBM Academic Initiative)** at Chitkara Institute of Engineering and Technology, Rajpura, Punjab on 12-13 August, 2010.

47. RAJPURA, PUNJAB => Resource Person in the Faculty Development Programme on **MOODLE LMS Administration** at Chitkara Institute of Engineering and Technology, Rajpura, Punjab on July 16, 2010.

48. RAJPURA, PUNJAB => Expert Lectures delivered in the Summer School of Nigeria Students in association with **IEEC (International Education Exchange Programme)** at Chitkara Institute of Engineering and Technology, Rajpura, Punjab in June 2010.

49. RAJPURA, PUNJAB => Expert Lectures delivered in the **Workshop on LMS (MOODLE) Administration** in the International Conference on Education Informatics (EDUMATICS-2010) in association with IUCEE (Indo US Collaboration for Engineering Education) at Chitkara Institute of Engineering and Technology, Rajpura, Punjab on May 22-23, 2010

50. RAJPURA, PUNJAB => Resource Person in the Workshop on Teaching Data Structures under **IUCEE (Indo US Collaboration for Engineering Education)** - FLI Follow Up (Faculty Leadership Institute) at Chitkara Institute of Engineering and Technology, Rajpura, Punjab from Dec. 14-18, 2009

51. RAJPURA, PUNJAB => Resource Person in the 5 Days Workshop **Open Source Development using LAMP [Linux, Apache, MySQL, PHP]** conducted by Chitkara Institute of Engineering & Technology, Rajpura, Punjab from 5 March to 10 March 2009.

52. RAJPURA, PUNJAB => Faculty in **Infosys Campus Connect Programme** at Chitkara Institute of Engineering and Technology, Rajpura, Punjab from 2007 - 2011

53. CHANDIGARH => Expert Lectures delivered at Punjab University, Chandigarh for the students of **M.Phil. Computer Sc.**, Periyar University in 2005.

54. KURUKSHETRA, HARYANA => Resource Person in Personal Contact Programme, **Enterprise Computing and Information Systems**, MBA I.T. Students, Kurukshetra University, Kurukshetra from 2002 - 2004