

**ONE WEEK
FACULTY DEVELOPMENT PROGRAMME**

(21st – 25th July, 2014)

On

"Capacity Building to Enhance the Research Output"

Organized & Conducted by

Bharati Vidyapeeth's

Institute of Computer Applications and Management

A-4, Paschim Vihar, Rohtak Road, New Delhi-63.

PROGRAMME SCHEDULE

Day #1: 21st July, 2014

- 08:45 to 09:45 : Registration, Open Discussion over Tea and Networking
- 10:00 to 12:00 : Technical Session —1 on **“Big Data”** by Prof. Niladri Chatterjee, Dept. of Mathematics, IIT, Delhi.
- 12:00 to 01:00 : Technical Session —2 on **“Introduction, Agenda overview, Traditional Waterfall vs Agile Methodologies, why Agile? Key Agile Management Practices and Using Agile in Education Domain, Scrum Process and Scrum Roles”** by Mr. Amit Sharma Co-Founder & CEO, Prontol IT Labs, New Delhi.
- 01:00 to 02:00 : Lunch
- 02:00 to 03:15 : Technical Session —2 on **“Scrum Artifacts, Group Exercise (Creating and Managing Backlogs the Agile way)”** by Mr. Amit Sharma Co-Founder & CEO, Prontol IT Labs, New Delhi.
- 03:15 to 03:30 : Open Discussion over Tea
- 03:30 to 05:00 : Technical Session —3 on **“User Stories Overview and Scrum Ceremonies, Estimation and Planning, Group Planning Exercise and Summarization”** by Mr. Amit Sharma, Co-Founder & CEO, Prontol IT Labs, New Delhi.

Day #2: 22nd July, 2014

- 09:00 to 11:00 : Technical Session — 4 on **“Classification Techniques Based on Neural Network”**, Prof. R.K. Aggarwal, School of Computer and Systems Sciences, JNU, New Delhi
- 11:00 to 11:30 : Open Discussion over Tea

- 11:30 to 01:00 : Technical Session —5 on **“Implementation of Neural Network in Matlab”**, Prof. R. K. Aggarwal, School of Computer and Systems Sciences, JNU, New Delhi.
- 01:00 to 02:00 : Lunch
- 02:00 to 03:15 : Technical Session —6 on **“K-Nearest Neighbor & Support Vector Machine”**, Prof. R. K. Aggarwal, School of Computer and Systems Sciences, JNU, New Delhi.
- 03:15 to 03:30 : Open Discussion over Tea
- 03:30 to 05:00 : Technical Session —7 on **“Implementation of K-Nearest Neighbor & Support Vector Machine Matlab”**, Prof. R. K. Aggarwal, School of Computer and Systems Sciences, JNU, New Delhi.

Day #3: 23rd July, 2014

- 09:00 to 11:00 : Technical Session —8 on **“Big Data Analytics: Challenges & Emerging Trends”** Dr. Muhammad Abulaish, Associate Professor & Head, Department of Computer Science, Jamia Millia Islamia, New Delhi.
- 11:00 to 11:30 : Open Discussion over Tea
- 11:30 to 01:00 : Technical Session —9 Hands on **“Hadoop: Developing Big-Data Applications”** Dr. Muhammad Abulaish, Associate Professor & Head, Department of Computer Science, Jamia Millia Islamia, New Delhi.
- 01:00 to 02:00 : Lunch
- 02:00 to 03:15 : Technical Session —10 on **“Community Mining in Online Social Networks ”** Dr. Muhammad Abulaish, Associate Professor & Head, Department of Computer Science, Jamia Millia Islamia, New Delhi.
- 03:15 to 03:30 : Open Discussion over Tea
- 03:30 to 05:00 : Technical Session —11 Hands on **“Mahout: A Scalable Machine Learning Library for Big-Data Applications ”** Dr. Muhammad Abulaish, Associate Professor & Head, Department of Computer Science, Jamia Millia Islamia, New Delhi.

Day #4: 24th July, 2014

- 09:00 to 10:45 : Technical Session —12 on “**From Idea to Invention and Basics of Patenting**”, Mr. Nishant Sharma, Patent Attorney
- 10:45 to 11:00 : Open Discussion over Tea
- 11:15 to 01:15 : Technical Session —13 on “**Whole Brain Teaching**”, Prof. Shankar Goenka, CEO, Goenka Education, Lacchmangarh, Rajasthan
- 01:15 to 02:00 : Lunch
- 02:00 to 03:15 : Technical Session —14 on “**Intellectual Property Rights**”, Mr. Guruswamy Natrajan, Intellectual Property Professional, New Delhi.
- 03:15 to 03:30 : Open Discussion over Tea
- 03:30 to 05:00 : Technical Session —15 on “**Citation Analysis and Impact Factor**”, Dr. D. K. Lobiyal, School of Computer & Systems Sciences, JNU, New Delhi

Day #5: 25th July, 2014

- 09:00 to 11:00 : Technical Session —16 on “**Publishable Technical Writing and Citation**”, Prof. Shibam Koul, Centre for Applied Research in Electronics, Indian Institute of Technology, New Delhi.
- 11:00 to 11:30 : Open Discussion over Tea
- 11:30 to 01:00 : Technical Session —17 on “**Introduction to Ad Hoc Networks, Y Simulators, Introduction to NS-2 Simulator, NS-2 Architecture**”, Dr. Rajesh Kumar, Head, School of Math & Computer Application, Thapar University, Chandigarh.
- 01:00 to 02:00 : Lunch
- 02:00 to 03:30 : Technical Session —18 on “**Installation (Linux/Windows Platform, working with Wired Scenario and Wireless Scenario, Generating Animations**”, Dr. Rajesh Kumar, Head, School of Math & Computer Application, Thapar University, Chandigarh.
- 03:30 to 04:00 : Open Discussion over Tea
- 04:00 to 05:00 : Technical Session —19 on “**Generating Traces, Understanding Traces, Data Extraction from Traces, Working with Graphs**”

(Xgraph)", Dr. Rajesh Kumar, Head, School of Math & Computer Application, Thapar University, Chandigarh.

05:00 to 05:30 : Valedictory Session