

REGISTRATION FORM

One Week Faculty Development Program on “MACHINE LEARNING AND ITS APPLICATIONS”

(09th December – 13th December 2019)

Name: _____

Educational Qualification: _____

Designation: _____

Department: _____

Experience: _____

Name of Institution: _____

Mobile no.: _____

E-mail ID: _____

Accommodation required: YES/NO

Signature of participant: Date: _____

Place: _____

Sponsorship Certificate

_____ is working as
faculty in our institute. He/She is permitted for attending
one week FDP and shall be relieved for the same.

Signature & Seal of Forwarding Authority

A scanned copy of the filled form can be sent by e-mail to
the FDP coordinator hodcse@lnct.ac.in

For Online Registration please visit www.lnct.ac.in

Chief Patron Prof. Sanjeev Jain, Director
PDPM IIITDM Jabalpur
Shri J.N Chouksey
Chairman, LNCT Group

Patron(s) Mrs. Poonam Chouksey, LNCT Group
Dr. Anupam Chouksey,
Secretary, LNCT Group

**Advisory
Committee** Prof. Sanjeev Jain, Director, IIITDM
Dr. R.S Thakur, MANIT, Bhopal
Dr. Piyush Shukla, RGPV, Bhopal
Dr. Akhilesh Tiwari, MITS, Gwalior
Dr. Uday Pratap Singh, SMVDU, Katra
Dr. Vivek Tiwari, IIIT Raipur

Convenor Dr. Ashok Kumar Rai, LNCT Bhopal
Dr. Kailash Srivastava, LNCT Bhopal
Dr. Sadhna Mishra, LNCT, Bhopal

Coordinator Dr. Rachana Dubey, LNCTE Bhopal
Prof. Ratnesh Kumar Dubey, LNCT, Bhopal
Dr. Atul Gupta, IIITM, Jabalpur

Co-coordinator Dr. Vikram Rajpoot, LNCT, Bhopal
Prof. Hitesh Gupta, LNCT, Bhopal
Prof. Vijay Trivedi, LNCT, Bhopal
Prof. Aditya Patel, LNCT, Bhopal

**Organizing
Committee** Dr. Vineet Richhariya, LNCT, Bhopal
Dr. Pradeep Chouksey, LNCT, Bhopal
Dr. Megha Kamble, LNCT, Bhopal
Dr. Sunil Phulre, LNCT, Bhopal
Dr. Bhupesh Gour, LNCT, Bhopal
Prof. Shubha Mishra, LNCT, Bhopal
Prof. Rajni Kori, LNCTE, Bhopal
Prof. Megha Jain, LNCTE, Bhopal
Prof. Nidhi Singh, LNCT, Bhopal
Prof. Deepak Rathore, LNCT, Bhopal
Prof. Neha Tiwari, LNCT, Bhopal

Venue

Department of Computer Science & Engineering,
Lakshmi Narain College of Technology (LNCT), Bhopal
Kalchuri Nagar, Raisen Road, Bhopal 462 021, (MP)
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Sponsored By

**Electronics and ICT Academy, PDPM IIITDM
JABALPUR**

**An Initiative of Ministry of Electronics &
Information Technology
Government of India**



Organized by



(NBA accredited)

**Department of Computer Science & Engineering
LAKSHMI NARAIN COLLEGE OF TECHNOLOGY
(LNCT) Bhopal**

Kalchuri Nagar, Raisen Road,
Bhopal 462 021, Madhya Pradesh.

About the E & ICT Academy, PDPM IIITDMJ

Ministry of Electronics and Information Technology, Government of India has instituted seven Electronics and ICT Academies with one academy at IIITDM Jabalpur with the primary objective preparing manpower for two important missions - 'Digital India' and 'Make in India'. The Academy aims at the design and implementation of scalable training programmes in the areas of electronics and ICT for the development of required knowledge base, skills and tools to unleash the talent of Indian population.

The Academy at IIITDMJ will partner with IIITM Gwalior, MANIT Bhopal, and IIT Indore run high quality specialized courses for faculty, students and unemployed graduates.

About the LNCT Bhopal

LNCT Group of Colleges is one of the oldest and largest education group in central India. Founded in 1994 Lakshmi Narain College of Technology, Bhopal has the privilege of being the First Private (self-financed) institute of M.P., LNCT Group offers program from Diploma, Bachelor, Master's and Doctorate level programs. With campuses in five locations in Madhya Pradesh & Chhattisgarh including the cities of Bhopal, Indore, Gwalior, Jabalpur and Bilaspur LNCT Group of College to meet the ever increasing demands for higher education in India, LNCT Group is one of the Group institutes of its size in the India to offer program in 5 varied fields of study: Engineering, Management, Pharmacy, Medical, Homeopathy, Dental and recurring and professional studies. Education is not the only area we work in. We also take responsibility for the improvement of community around us. This instills in the students a feeling of responsibility and concern and makes them comprehend the world a bit better. Each one is better endowed to face the world and the satisfaction of having fulfilled their social responsibility is an added bonus. LNCT Bhopal campus is the historic campus in Bhopal, which dates from 1994. The L. N. Medical College & Research Centre located at Bhopal, MP.

It is a part of LNCT Group of College, which runs a hospital with 750 Beds and Medical courses affiliated with Barkatullah University. All group institutions have the finest relations among the industry and academics. Today, prospective students will find 58 undergraduate, graduate as well as postgraduate programs. People who wish to pursue a career in Engineering, Management, Pharmacy, Medicine, Dentistry and Nursing.

About the Department

Department of Computer Science and Engineering of the college was established in year 1994. Two postgraduate courses in Computer Science and Engineering and Software Engineering were started in the year 2004 and 2007 respectively. Currently the department has an intake of 180 at undergraduate level and 24 at postgraduate level (M.Tech, CSE). Since its inception the department has always been recognized for excellence in teaching and outstanding students' performance at global level and for the excellent placement record in various international/national companies. All over the world, the alumni of the department occupy top positions in IT industries like Google, Sun Microsystems, Yahoo, Cisco, TCS, Cognizant, Infosys, Wipro and many more.

About the Faculty Development Program

Exploring various aspects of Machine Learning and its Applications in today's society, scholars of computer science and information technology specializing in computer security provide insights into the negative uses of technology and review associated vulnerabilities and mitigation. Among their topics is Introduction Machine Learning, Linear regression; SSE, Classification problems in Machine Learning. The main aim of this FDP is to enhance the Knowledge according to Company Perspective, in the institutions by providing the opportunities for faculties of various engineering institute for upgrading their knowledge in the area of Machine Learning and IT's Applications.

Faculty development program (FDP) demonstrates Machine Learning in tight connection with mathematical applications. Further, this FDP is devoted to explain the use of various concepts in Python for computing purposes like linear algebra, arrays, plotting, iterating, functions, polynomials, and much more.

Major Course Contents:

- ◆ Introduction Machine Learning
- ◆ Linear regression; SSE
- ◆ Classification problems Decision boundaries; nearest neighbour
- ◆ Probability and classification
- ◆ Naive Bayes and Gaussian class-conditional distribution
- ◆ Linear classifiers
- ◆ Bayes' Rule and
- ◆ Logistic regression

Resource Persons

Dr. Atul Gupta, IIITDM Jabalpur
Mr. Sawan Rai, IITDM Jabalpur,
Mr. Abhishek Gour, BeanGate IT Solution, Bhopal

Important Dates

- ◆ Last date of receipt of application:
- ◆ **01.12.2019**
- ◆ Notification of selection on or before (by Email): on or before: **06.12.2019**

Registration Details (in INR):

Registration is as under:

Rs.750/- for all people from Academics.

Rs.500/- for SC/ST candidates.

Rs.3000/- for persons from Industry.

Scanned or Hard copy of Application form in the prescribed

format must reach the Coordinator

(**Dr. Rachana Dubey,**

Dr. Sadhna Mishra) on or before **06th December, 2019**. Registration includes registration kit, course material, lunch and tea & snacks.