

**AICTE-ISTE Approved and GUJCOST#
Sponsored STTP on Machine Learning:
Tools, Techniques and Applications**

Registration Form:

Name: _____

Designation: _____

Organization: _____

Address of Correspondence: _____

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Contact No.: _____

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I am enclosing a demand draft in favor of
'LDRP- ITR', payable at Gandhinagar as registration
fees.

Details of Fees amount

Cheque/ DD No.: _____

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Sign Of Participant _____

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Director (I/c), KSV
Principal, LDRP ITR

Organizing Team

Dr. H. B. Patel
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Head, IT

Dr. Shivangi Surati
Computer Dept.

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Computer Dept.

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LDRP Institute of Technology and Research
Nr. Kh-5 circle, Sector-15, Gandhinagar,
Gujarat-382015



**AICTE-ISTE Approved and
GUJCOST# Sponsored One Week**

MACHINE LEARNING:

TOOLS, TECHNIQUES & APPLICATIONS

30th April to 4th May, 2018



Organized By

**Departments of
Computer Engineering and
Information Technology**

LDRP Institute of Technology & Research
(A Constituent Institute of Kadi Sarva Vishwavidyalaya)

**Kh-5 Circle, Nr. ITI, Sector - 15,
Gandhinagar, Gujarat- 382015**

**Phone: 07923241492
www.ldrp.ac.in**

About KSV

Kadi Sarva Vishwavidyalaya is a University established vide Gujarat State Act 21 of 2007 in May 2007 and approved by UGC. The University has been setup by Sarva Vidyalaya Kelavani Mandal, a trust with 99 years of philanthropic existence to provide need based education and develop courses of contemporary relevance, to be a University of excellence by providing research & skill based activities and training which would foster higher economic growth and to provide education to all irrespective of caste, creed, religion etc.

About LDRP ITR

LDRP INSTITUTE OF TECHNOLOGY AND RESEARCH, Gandhinagar was established in 2005-2006. The college has made steady progress during the past twelve years of its existence. As a prestigious state institute, LDRP ITR has long recognized its role in engineering education, generation and dissemination of useful & relevant technological, industrial & economical development of the country. The institute has contributed in the application of science & technology in the service of the society through different programs of International aid & assistance. The institute has all along endeavored to discharge its obligations successfully with the efforts of its faculty expertise & well developed world class facilities.

About Departments

Departments of Computer Engineering and Information Technology of LDRP-ITR were established in the academic year of 2005 and 2008 respectively, with a goal to offer higher technical education in the domain of computer engineering & IT to the students who starve to learn latest trends and technologies in the domain of ICT. The departments continuously make sincere efforts in making the students competent in the global community with their own unique identity in terms of skills, ethics and knowledge. The departments are having state-of-the-art laboratories with latest configured computers (including Apple's MAC) & other peripherals. Having sufficient number of qualified faculty members, the departments offer undergraduate programmes (B.E. Computer Engineering and B.E. Information Technology) and Postgraduate programme (M.E. Computer Engineering).

About Programme

Machine Learning has been one of the key research areas over the last decade in the domain of Information & Communication Technology. Educational institutes have also started incorporating the same in their curricula. For such type of emerging technology, it is essential to train the stakeholders (especially the faculty members who teach such type of courses). Hence, we propose this STTP to benefit all the stakeholders in educational institutions and other research organizations. This STTP is five days training program for faculty members, working professionals, PhD Scholar and Post Graduate Students of various institutes and organization of the state. The participants will be given hands on training sessions in the state-of-the-art laboratories of departments. Eminent experts are invited to conduct their expert sessions and train the participants through various classroom and laboratory activities

Course Contents

- Machine learning Introduction: tools and techniques
- kNN, k-means algorithms
- Decision Tree
- Support Vector Machine
- Regression
- Dimensionality reduction techniques
- Artificial Neural Network
- Deep Learning
- Convolutional Neural Network,
- Recurrent Neural Network
- ML tools : EasyNN Plus , Tensor Flow, Keras
- Industrial Visit

Resource Persons

Renowned experts from Industry and academia are expected to cover-up the course contents.

Important Dates

Last date for receiving the duly signed filled-in Applications : 23rd April, 2018

Registration Fee

Research Scholar	1000
Academic Institutions/Government Organization/ R & D Organization	1200
Industry Person	1500