

**AICTE-ISTE Approved and GUJCOST#**  
**Sponsored STTP on Towards Data Science:**  
**Applications of Explainable AI and Deep**  
**Learning**

**Online Registration :**  
**<https://tinyurl.com/5auxz25u>**

**OR**

**Submit Hard Copy of following**  
**Registration Form:**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address of Correspondence: \_\_\_\_\_

Email Id: \_\_\_\_\_

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.:

Amount :

Name of Bank with Branch:

\_\_\_\_\_

### Chief Patrons

**Dr. Kanubhai Patel**  
President, SVKM (KADI)

**Shri. Vallabhbhai M. Patel**  
Chairman, SVKM  
President, KSV

### Advisor

**Dr. Gargi Rajpara**  
Director (I/c), KSV  
Principal, LDRP ITR

### Organizing Team

**Dr. Shivangi Surati**  
Head, CE

**Dr. Mehul Barot**  
Head, IT

**Vishal Barot**  
Computer Dept.

**Riya Gohil**  
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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**  
**STTP ON**

## Towards Data Science:

Applications of Explainable AI and  
Deep Learning

**9<sup>th</sup> May to 13<sup>th</sup> May, 2022**



**Organized By**

**Department 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 more than 100 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 sixteen 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

Explainable AI and Deep learning have 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

- Introduction of Data Science
- Explainable AI
- Path from AI to Machine learning
- Regression
- Feature Extraction
- Deep Learning for Computer Vision
- Transfer Learning
- Convolutional Neural Network
- Recurrent Neural Network, LSTM
- U-net and V-net Model
- Industrial Visit

## Resource Persons

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

## Important Dates

Last date for Registration : 23<sup>rd</sup> April, 2022

## Registration Fee

Category	ISTE Member	Non ISTE Member
Research Scholar	800	1000
Academic Institutions/Government Organization/ R & D Organization	1000	1200
Industry Person	1300	1500