



Faculty Development Programme

on

Recent Trends with
Research and Technology
Perspective

May 19 - 24, 2025
9.00AM TO 4.00PM



Offline mode
Register Here

Convener

Dr. Rupesh Vyas

Coordinator

Dr. Sejal Kunal Haveliwala

Patron

Shri Vallabhbbhai M. Patel
Chairman-Sarva Vidyalaya Kelavani Mandal
President-Kadi Sarva Vishwavidyalaya

Organized By

Faculty of Computer Science
Kadi Sarva Vishwavidyalaya, Gandhinagar

Hosted By

S. K. Patel Institute of
Management & Computer Studies(MCA)
Gandhinagar



About Sarva Vidyalaya Kelavani Mandal

Sarva Vidyalaya Kelavani Mandal, established in 1999 by Pujay Chhaganbha, our organization has been providing quality education for 106 years. Guided by the principles "Do Good, Good will Follow You" and "Education is True Service,"

About Kadi Sarva Vishwavidyalaya

The university was founded in 2007 with the vision of providing value-based quality education to empower students for global challenges. Over the years, Kadi University has expanded its offerings to include undergraduate, postgraduate, and doctoral programs in disciplines such as science, engineering, management, education, pharmacy, and humanities. It has earned a reputation for its emphasis on academic excellence, research, and practical learning.

About Faculty of Computer Science

Faculty of Computer science offers various Programs like Ph.D, MCA, M.Sc(IT), BCA and B.Sc. Computer science at Gandhinagar and Kadi Campuses of Kadi Sarva Vishwavidyalaya.

About Faculty Development Programme

The rapid pace of technological advancement is reshaping industries, societies, and the very way we interact with the world. The FDP embeds the knowledge among attendees about Deep Learning, Artificial Intelligence, Medical Imaging and Internet of Things, Natural Language Processing, Embedded C and about services INFLIBNET provides for Researchers and Research Guides.

Expected Outcome

- Learn how to build, train, and evaluate deep learning models on real-world datasets.
- Working with Programming 'C' with Gnu Compiler and Debugger on Linux, for creating Dynamic Library.
- From text analysis we can build models for applications like sentiment analysis.
- Learn to use services from INFLIBNET useful for research.
- Learn about medical imaging and the Internet of Things (IoT).

Who can Participate

The FDP is open to faculty members, industry personnel and researchers from Computer Science and Technology. Participants with diverse backgrounds will enrich the program's interactions and facilitate interdisciplinary collaborations.

Topics

- 1) Day 1-(19/05/2025)
Introduction to Deep Learning, Overview of Neural Network, Convolutional Neural Network, Recurrent Neural Networks, Introduction and applications of Generative models.
Building deep learning Model with Python(Hands -On)
- 2) Day 2-(20/05/2025)
Artificial Intelligence and Deep Learning in Medical Imaging, Internet of Things in Healthcare: Remote Patient Monitoring, Integration of IoT with Medical Imaging.
- 3) Day 3-(21/05/2025)
Working with GBD (GNU Debugger), How to compile and debug(Valgrind tool), Git Command line, Cross compilation tool chain.
- 4) Day 4-(22/05/2025)
Introduction Natural Language Processing (NLP), Transformer models, Language Models, Multilingual NLP, Test generation and summarization.
- 5) Day 5-(23/05/2025)
INFLIBNET Activities & Services for Research. Shodh-Chakra: A Gateway to Researchers for Resources. Exploratory Data Analysis using Jamovi, Basics of Hypothesis testing. Hypothesis Sample tests, Correlation with regression analysis.
- 6) Day 6-(24/05/2025)
Use of Academic Identities in Research. About Indian Research Information Network System.

Registration

<https://forms.gle/GETLD1vYAU5nQ9YB7>

Last Date to Register: 12th May 2025.

Payment

- ₹ 1000 for Faculty & Research Scholars outside KSV
- No fees for Faculty & Research Scholars from KSV

Address

Gate no.2, Kadi Campus Rd, Sector 23, Gandhinagar, Gujarat 382024

Contact Number: 9157682227

Website: <https://skpimcs.org>

How to reach

