One Week Faculty Development Program

on

"Data Analytics"

✦ from 1ˢᵗ August to 6ᵗʰ August 2025 ✦

✦ Approved By ✦

Indian Society for Technical Education(ISTE)

QR Code For Registration

Link for Registration

https://forms.gle/bgXgN9SrfKjrPfYbA

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Lecturer Computer Engg.

One Week Faculty Development Program on

"Data Analytics"

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✦ Organized by ✦
Department of
Computer Engineering

Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

SHARAD INSTITITE OF TECHNOLOGY, POLYTECHNIC YADRAV

▪ An ISO 9001:2015 Certified Institute

Computer Engineering

About our Department:

The department of Computer Engineering was established in the year 2008. The labs are fully equipped with the state of the art computer systems, open source software's, licensed software's and modern teaching aids. Experienced, dynamic and young teaching faculty contributes to the dissemination of technical knowledge and solves the real-time problems along with the students. The Students are motivated to undertake industry-related issues, provide community services and be a part of nation-building. The strong alumni base serving across the nation / world for many years is a milestone in the achievements of the department goals and programme outcomes.

The department is committed to foster the innovation and research attitude in the minds of the youngsters. We are bound to involve in the social and technical mission of the nation.

Vision:

"To develop professionally competent computer engineers with lifelong learning attitude for serving betterment of society."

Mision:

- To prepare computer professionals through quality education to meet the need of society.
- To educate students with professionals skills and right attitude that will help them to be successful in their profession. To groom students with moral and ethical values for becoming
- a useful part of society and environment.

Program Education Objective (PEO):

- The Students will be able to pursue successful career in higher studies or industry.
- The Students will be able to utilize domain knowledge of computer engineering for solving real life problems.
- The Students will be able to Demonstrate professional skills through effective communication, teamwork, multidisciplinary approach and ethical behavior with concern to society and environment.

About the FDP:

The Faculty Development Program (FDP) on Data Analytics aimed to enhance the knowledge and skills of faculty members in data-driven decision-making and modern analytical tools. The sessions covered key topics such as data preprocessing, visualization, statistical analysis, and machine learning techniques. Hands-on training with tools like Python, R, and Excel enabled participants to apply concepts in real-world scenarios. Expert speakers from academia and industry shared valuable insights and case studies. The FDP encouraged interactive learning, collaboration, and the exchange of innovative teaching practices. Overall, it proved to be highly beneficial for faculty members to upgrade their competencies in the evolving field of data analytics.

Course Content:

- Introduction to types of data analytics: descriptive, diagnostic, predictive, and prescriptive.

- Statistical concepts: sampling, correlation, regression, and hypothesis testing.

- Data cleaning and preprocessing techniques using Excel functions.

- Creating dashboards and PivotTables for data summarization and analysis.

- Designing and customizing various charts for effective data visualization.

- Plotting using Python and discussion on real-time case studies.

Resource Person

Mr. Abhijeet N. Patil
Software Developer, Atos Pune.

For more information

Ms. Trupti B. Vadgave
8625906423

Registration Details

Who can Attend
1. Faculty/ Research Scholar
2. Delegates from Industry

Registration Fees :
Nill

Important Dates :
Last date of registration
30/07/2025

Date of FDP
1st August 2025 to 6th August 2025