

## About PPDS-2026

The Short Term Course on Python Programming for Data Science (PPDS – 2026) aims to build a strong foundation in Python programming and its applications in data analysis and machine learning. Through a blend of conceptual lectures and hands-on sessions, participants will gain practical exposure to essential tools and techniques widely used in research and industry. The program is designed for students, research scholars, faculty members, and professionals seeking to strengthen their data-driven problem-solving skills.

## Benefits of the Course

By attending this workshop, participants will gain insights into:

- Develop strong fundamentals in Python programming for data analysis
- Gain hands-on experience with essential libraries such as NumPy, Matplotlib, and SymPy
- Understand basic machine learning concepts including Support Vector Machines
- Learn practical techniques for data visualization and computational problem solving
- Enhance research and industry readiness through applied, skill-oriented training

# Short-Term Course on Python Programming for Data Science - 2026 (PPDS-2026)



March 23-27, 2026



Online Mode  
(Live Interactive Sessions)



Organized by  
**Department of Production & Industrial  
Engineering**  
**National Institute of Technology  
Jamshedpur**

## Patron

Prof. (Dr.) Goutam Sutradhar  
Director, NIT Jamshedpur

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HoD, Mathematics

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Dr. Shubham Tripathi  
Assistant Professor, NIT Jamshedpur

## Convenors:

Dr. Sourav Das,  
Dr. Rajat Tripathi  
Assistant Professor, NIT Jamshedpur

## Get In Touch



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NIT Jamshedpur,  
Jamshedpur-831014

## About the Institute

National Institute of Technology Jamshedpur was initially founded as Regional Institute of Technology in 1960 and later upgraded to National Institute of Technology on 27 December 2002, with the status of Deemed University. It has been under the regulations of the Ministry of Education (MoE) of the Government of India, New Delhi, since April 2003. The Institute offers B.Tech, M.Tech., M.Sc., Ph.D. and M.C.A. degrees in various Engineering, Sciences and Humanities disciplines.

## Local Organizing Committee

Prof. P. K. Ray  
Prof. Amaresh Kumar  
Prof. Shashi Bhushan Prasad  
Dr. Ashok Kumar Jha  
Dr. Dharmendra Patel  
Dr. Kamal Pal  
Dr. Dinesh Kumar  
Dr. Mayuri Baruah  
Dr. Tushar Banerjee  
Dr. Kuntal Maji  
Dr. Gunda Yoganjaneyulu  
Dr. Susmita Datta

## Registration Details

Interested students/ faculty members/industry personnel are required to register their interest through the following link until March 20, 2026.

### Registration Link

<https://forms.gle/5JBN3Q85XKHQQDiw8>



Scan this to register

### Registration Fee

Students: INR 500/-

Academia/ Industry: INR 1000/-

### Payment Details for Registration

Account number: 38246478714

Account Name: Research & Consultancy  
NIT Jamshedpur

IFSC: SBIN0001882

SWIFT Code: SBININBB761

Bank & Branch: SBI, NIT Jamshedpur

### Important Dates

Last date to make payment and fill the google form: 20-03-2026

Confirmation of Registration:  
21-03-2026

Workshop Dates: March 23-27, 2026

### Eligibility

The workshop is open to undergraduate and postgraduate students, research scholars, faculty members, and industry professionals interested in learning Python programming and its applications in Data Science and Machine Learning. Participants with basic mathematical understanding and an interest in data-driven problem solving will benefit most from the program.

## Resource Persons (Tentative)

Prof. A. Swaminathan  
Indian Institute of Technology Roorkee

Dr. Pushpendra Kumar  
MANIT Bhopal

Dr. Vikas Srivastava  
NIT Warangal

Dr. Rakesh Kumar Meena  
Jawaharlal Nehru University

Dr. Indira P. Tripathi  
S. V. National Institute of Technology Surat

Dr. Rajat Kaushik  
Regional Institute of Education, NCERT,  
Bhopal

Dr. Birendra Singh – Government Maharaja  
Martand College, Madhya Pradesh

Dr. Chandra Shekhar Azad  
NIT Jamshedpur

Dr. Mayukh Sarkar  
NIT Jamshedpur

Dr. Jitesh Pradhan  
NIT Jamshedpur