



## Continuing Education Cell (CEC)

### Certificate Course (Online-mode)

on

## “Applied Data Analytics: A Practical Approach”

26<sup>th</sup> May - 09<sup>th</sup> June, 2025 (02 Hrs each day from 05:30PM to 07:30PM)

### About Course

**Objectives of Training Programme:** The main objective of the course is to help the participants in developing a solid understanding of the Data Science and Analytics techniques like data pre-processing, predictive analysis, fundamental of data statistics, machine learning techniques and data visualization

### About CEC

Continuing Education Cell (CEC) , NIT Raipur aims to update skills, broaden knowledge, enhance qualifications, foster personal growth, and promote National and International technological advancement through training and expertise.

### About NIT Raipur

National Institute of Technology Raipur (An Autonomous institute of National Importance) fully funded by the Govt. of India. NIT Raipur is located in Raipur, the Capital City of Chhattisgarh State and spread over an area of approx. 100 acres. NIT Raipur is ranked 70<sup>th</sup> in engineering category in India by the NIRF, and it is the highest ranked engineering college in Chhattisgarh. Presently NIT Raipur offers 12 undergraduate, 14 Postgraduate (including M.Sc., M.C.A and M.Tech. in Applied Geology) and 18 Ph.D. programs. The institute offers facilities for research and also undertakes R & D activities, provides testing, consultancy and other extension services including continuing education to the industry through the Industry Institute Interaction cell and the placement of the student through the Department of Training & Placement. More details about NIT Raipur are at: <http://www.nitr.ac.in>.

### Features of Course

- Detailed explanation of fundamental concept of data Science and analytics alongwith hands-on sessions and live demos.
- Each group of students will be assigned a project, and a mentor will supervise and monitor the assigned project.

### Eligibility for Participation

- UG/PG graduated/pursuing (final/pre-final year) students
- Ph.D. Scholars from higher education institutions
- Faculties / Staffs / Lab Instructors from technical and academic institutions
- Govt. Employees or Industry/working professionals

### For Registration

For More Details Click

[https://www.nitr.ac.in/downloads/events/STTP/2025/final\\_CEC\\_COURSE\\_Details\\_Applied\\_DATA\\_ANALYTICS.pdf](https://www.nitr.ac.in/downloads/events/STTP/2025/final_CEC_COURSE_Details_Applied_DATA_ANALYTICS.pdf)  
**Scan QR for More Details**



### Learning Outcomes

**Upon successful completion of this Training Programme, the participant will be able to:**

- Perform analysis of data using Python/R tool.
- Perform model fitting using mathematical background.
- Become familiar with the wide range of enabling technologies for data interpretation, data visualization.
- Become families with Data Summarization and Data Generalization techniques.
- Identify appropriate methods for data analysis in various domains.
- Formulate and design data analytic solutions. • Manage large-scale, complex data and obtain the interpretation.
- Recognize and evaluate the opportunities, needs, and limitations of data.
- Interpret data analytics and communicate the implications to stakeholders.
- Attain data scientist and data engineer positions in a fast-growing field.
- Accelerate progress into related Research and Development in Data Science and Big Data.

### Important Dates

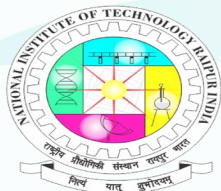
**Registration Last Date:** ~~15<sup>th</sup> May 2025~~ **24<sup>th</sup> May 2025**

**Fee Payment Deadline:** ~~15<sup>th</sup> May 2025~~ **24<sup>th</sup> May 2025**

**Intimation to the all participants :** **24<sup>th</sup> May 2025**  
(through their registered email)

**Course Start Date:** 26<sup>th</sup> May 2025

**Course End Date:** 09<sup>th</sup> June 2025



### Chief Patron

**Prof. N.V. Ramana Rao, Director, NIT Raipur**

### Patron

**Prof. G. P. Mishra, Dean (R&C), NIT Raipur**

### Chairman CEC

**Dr. Subhojit Ghosh, Chairman (CEC), NIT Raipur**

### Convenor

**Dr. Sanjay Kumar, HoD,  
Dept. of Information Technology, NIT Raipur**

### Co-ordinators & Contacts

**Dr. Govind P. Gupta**

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**Mobile:** +91-9826501139

### Speakers

Subject experts of the course may be from renowned institutes and Industries.

### Account Details

Account No.	:	<b>38027633250</b>
Bank Name	:	<b>State Bank of India</b>
Bank Branch	:	<b>NIT Branch</b>
IFSC Code	:	<b>SBIN0002852</b>
MICR Code	:	<b>492002004</b>
Swift Code	:	<b>SBININBB646</b>
PAN Card Number	:	<b>AAAJN0643G</b>
GSTIN Number	:	<b>22AAAJN0643G1ZN</b>

### Fee Details

Course Fee	Category	Fee (Rupees)
	Students (UG/PG/PhD) of NIT Raipur	(₹ 1200 + 18% GST) = ₹ 1416 /-
	Outside Students (UG/PG/PhD) (other than NIT Raipur)	(₹ 1500 + 18% GST) = ₹ 1770 /-
	Faculty/ Industry Persons	(₹ 3000 + 18% GST) = ₹ 3540/-

### Registration Process

The payment can be done either in the form of a Demand Draft (DD) in favour of “**Director, NIT, Raipur**” payable at Raipur or through **online mode** (account details in the last page of this document, link: [https://www.nitrr.ac.in/downloads/events/STTP/2025/final\\_CEC\\_COURSE\\_Details\\_Applied\\_DATA\\_ANALYTICS.pdf](https://www.nitrr.ac.in/downloads/events/STTP/2025/final_CEC_COURSE_Details_Applied_DATA_ANALYTICS.pdf)).

For online payment, the scanned copy of the application form along with the proof of payment should be sent to [cec\\_assistant@nitrr.ac.in](mailto:cec_assistant@nitrr.ac.in) by the due date (~~15<sup>th</sup> May 2025~~ **24<sup>th</sup> May 2025**). For payment made through DD, the hard copy of the application along with the DD should be sent to the Chairman, Continuing Education CELL, NIT Raipur, Raipur, Pin:492010 by the due date (~~15<sup>th</sup> May 2025~~ **extend-Deadline: 24<sup>th</sup> May 2025**). After payment, participant is required to fill following registration

Click Google Form - <https://forms.gle/41zPsZFrtKZ58kMF8>

form :

Or

**Scan Google Form**

