

**One Week Faculty Development
Program (FDP) on**

**Concepts, Strategies and
Practices in Data Science**

February 26 – March 1, 2024

REGISTRATION FORM

- 1) Name: _____
- 2) Designation: _____
- 3) Department: _____
- 4) Address for correspondence:

- 5) Phone/ Mobile Number: _____
- 6) E-mail: _____
- 7) Educational Qualification: _____
- 8) Experience: _____

Place: _____ Signature of applicant

Date: _____

Mr./ Ms./ Dr. _____
is an employee of this institute and is
hereby sponsored to attend the course, if
selected.

Seal and Signature of
the sponsoring Authority

Patron

Dr. Sachin Mandavgane
Chairman, BoG

Dr. Vinod Mohitkar
Director
DTE, M.S., Mumbai

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Amravati Region

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Prof. A. V. Deorankar
HoD
Computer Science & Engineering
Govt. College of Engineering Amravati

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Prof. P. P. Shelke
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Prof. M. B. Waghmare
Computer Science & Engineering
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Govt. College of Engineering Amravati

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**Govt. College of Engineering
Amravati**

**One Week Faculty Development
Program on**

**Concepts, Strategies and
Practices in Data Science**

February 26 – March 1, 2024



Organized by

**Department of Computer Science
& Engineering**

Under the Diamond Jubilee

Celebration Year 2024

**Govt. College of Engineering
Amravati (M.S.) – 444 604**

ABOUT THE INSTITUTE:

Government College of Engineering, Amravati was established in 1964. It is affiliated to Sant Gadge Baba Amravati University, Amravati and offers seven UG and eight PG programs in engineering disciplines. The institute also offers Ph. D. programs in six disciplines. The institute has its own campus spread over 105 acres of land. Over the years, the college has developed by leaps and bounds in to a premier institute of India, catering to the needs of industries, public sector undertakings, institutes and community in general.

The institute has been awarded an autonomous status in the year 2006. This college was participant institute in the prestigious Canada India Industry Institute Linkage Project (CIILP). The institution has been successfully completed World Bank assisted project under Technical Education Quality Improvement Program (TEQIP) Phase I and Phase II. The institute have established two Center of Excellence (CoE) and one more CoE has been sanctioned by Govt. of Maharashtra.

The institute has got NAAC accreditation. Three UG programs of the institute are accredited by NBA.

The institute has celebrated its Golden Jubilee during the year 2013 – 2014, and shall celebrate its **diamond jubilee in the year 2024**.

ABOUT THE COURSE:

Data science is a multi-disciplinary area that uses scientific methods, algorithms and systems to extract hidden knowledge and insights from data (Structured and Unstructured).

It is the study of where information comes from, what it represents and how it can be transformed into a valuable resource in the creation of business and IT strategies. Mining large amounts of structured and unstructured data to identify patterns can help an organization in many ways. Data Science is confluence of mathematics, statistics and computer science disciplines, and incorporates techniques like machine learning, cluster analysis, data mining and visualization.

During the last decade, the momentum coming from both academia and industry has lifted the R programming language to become the single most important tool for computational statistics, visualization and data science. R has become the most popular language for data science and an essential tool for Finance and analytics-driven companies.

TOPICS COVERED:

1. Basics of Data Science
2. Data Handling Techniques
3. Data Exploration Validation and Cleaning
4. Regression Analysis & Logistic Regression Model Building
5. Decision Trees and modal Selection
6. Sentimental Analysis & Prediction
7. Hands on Data Visualization

ELIGIBILITY:

Faculty Members of AICTE approved Govt. Institutes, Research Scholar and PG Scholars of any discipline are eligible for this program. Selection of participant will be based on first-cum-first-serve basis.

Participants will be given the participation certificates in the valedictory function.

REGISTRATION:

Registration Fee: Rs. 1000/-

To pay the registration fee you can use the following QR code



To avoid postal delay, the scanned copy of completed application form should be submitted to the co-coordinator by email (datasciencefdp@gcoea.ac.in).

Original application may be submitted at the time of registration.

IMPORTANT DATES:

Last date for Registration: **17 Feb 2024**

Intimation of Acceptance by email: **23 Feb 2024**

ACCOMODATION AND TA/DA:

The institute will provide accommodation in hostel, if asked by the participant.

TA / DA will be provided by their parent institute to the participant as per the institute policy.