



# INDIAN INSTITUTE OF TECHNOLOGY INDORE

Organizes

*3-Days Active Learning Course on*

## **Introduction to Scientific Computing in Engineering**

*January 15-17, 2020*

Sponsored by Technical Education Quality Improvement Programme (TEQIP-III), MHRD



### **About the Training Course:**

The training course for the workshop has been designed to provide the theoretical background in programming language as well as a hands-on approach to Scientific Computing in various fields of Engineering. The workshop will also cover the use of different software (MATLAB, R) for solving real world problems.

### **Workshop Topics include:**

Introduction to programming language: C data types, C control structures, Functions, Pointer

MATLAB Data Types and Data Structures: Searching, Sorting and Merging Algorithms and their implementation using MATLAB

Introduction to Data Science: Basic statistics in engineering and Introduction to R programming

### **Target Participants:**

Students/Faculty/Scientists/Research Scholars can participate.

### **Certificate:**

Participants who successfully complete the course will be awarded with a certificate.

### **Registration:**

- There is **no fee** for participants (students/faculty) from TEQIP sponsored colleges.
- Non-TEQIP Colleges: The fee is ₹ 3000 for students/research scholars and ₹ 5000 for faculty.
- For industry personnel, the fee is ₹ 8000.

### **Accommodation:**

Accommodation may be available at hostels/guest house of IIT Indore on chargeable basis: For hostel accommodation, kindly write to [hostel@iiti.ac.in](mailto:hostel@iiti.ac.in) and for guest house accommodation, kindly write to [guesthouse@iiti.ac.in](mailto:guesthouse@iiti.ac.in).

### **Teaching Faculty:**

Dr. Santanu Manna, Discipline of Mathematics, IITI

Dr. Somnath Dey, Discipline of Computer Science, IITI

Dr. Parimal Kar, Discipline of Biosciences & Biomedical Eng. IITI

### **Mode of Payment**

Registration fee can be paid through NEFT to the A/c number given below:

Name of the Beneficiary: Registrar, IIT Indore

Name of Bank: Canara Bank

Branch: IIT Indore, Simrol Campus Branch

Beneficiary Account No.: 1476101027440

Bank IFS Code: CNRB0006223

The signed registration form must be sent through their coordinator to [santanu@iiti.ac.in](mailto:santanu@iiti.ac.in) or [parimal@iiti.ac.in](mailto:parimal@iiti.ac.in). Evidence of payment should be emailed in advance to confirm the participation (Participant from TEQIP sponsored colleges are exempted)