INDIAN INSTITUTE OF TECHNOLOGY INDORE

3-Days Active Learning Course on

How to do good research? & How to write papers/ thesis using Latex?

March 26-28, 2019

Organized by Discipline of Computer Science & Engineering & Discipline of Mathematics

Sponsored by

Technical Education Quality Improvement Programme (TEQIP)-3, MHRD

Celebrating 10 glorious years 2009-2019

ABOUT IIT INDORE

Indian Institute of Technology Indore, located in Madhya Pradesh, known as IIT Indore, is an institute of national importance established by the Government of India in 2009. Recently, IIT Indore debuted with a rank of 351-400 in the Times Higher Education World University Rankings, 2019, 2nd among Indian institutes. The Discipline of Computer Science & Engg., and Discipline of Mathematics were set up in July 2009. The faculty members of these disciplines are from diverse streams and specializations. They are involved in many joint events. One of such joint events of these disciplines conducted successfully titled as NTU-INDIA Connect Program, "International Symposium on Computational Mathematics, Optimization, and Computational Intelligence (CMOCI 2017)" during July 17 - 19, 2017. Indore, the cleanest city of India is developing into a major IT hub in central India. Organizations like CSC and Impetus have a strong presence in the city and major players like TCS, Infosys, and Wipro are also setting up their offices.

COURSE OBJECTIVES

In recent times, many advances have occurred in the field of doing good research. The main objective of this Active Learning Course is to educate all those who are interested in doing good research both from academia and industry. This Active Learning Course will be most beneficial to all the research scholars and faculty members who are pursuing and may be interested in pursuing doctoral research. The hands on experience on LaTeX will also help the participants to acquire the skills to write technical papers, thesis, reports and books efficiently. By attending this workshop, the participants will learn the basic skills that are essential to becoming a successful researcher and also how to produce a good Ph.D thesis.

REGISTRATION FEE

- There is **no fee for participants (students/faculty) from TEQIP sponsored colleges**. The nominations along with the registration forms must be sent through their coordinator to the e-mail address of course coordinator given below.
- Non-TEQIP Colleges: The fee is **INR 2000 for students/research scholars**, **INR 4000 for faculty, and INR 6000 for participants from industry**.
- If there are more than **3 participants** from the same institute /organization/industry then fee is **50%** of the actual for each participant.

Registration fee includes course material, refreshment and working lunches.

Early registration is recommended due a limit on the number of seats.

Participants are required to bring their own laptops.

COURSE FACULTY

- Prof. N. Sundararajan (NTU Singapore)
- Dr. B. S. Mahanand (SJCE Mysuru)

COURSE MODULE

This is an *active learning* based course and comprised of lectures, tutorials, and hands-on training/demonstrations.

- **Research Preparation and Planning**:- Understanding research and its goals, techniques for generating research topics, topic selection and justification, development of a research proposal.
- **Research Resources and Literature Review**:- Sources of information, goals of literature review, literature search, on-line data base search tools, engineering index, citation science index, World Wide Web.
- **Academic Writing and Oral Presentation**:- Elements of style, thesis/proposal organization, journal and conference papers writing, case studies, elements of excellent presentation, preparation, visual and delivery, oral communication and question handling.
- **Research Ethics**:- Engineering ethics, research ethics, plagiarism, duplication etc. Case studies, what is the right approach in doing research?

CERTIFICATE

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

TARGET PARTICIPANTS

This course is tailor made for the students, researchers, and faculty members from any discipline of science & technology.

ACCOMMODATION

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

MODE OF PAYMENT

Via NEFT:

The payment can be made By Demand Draft: Demand Draft should be drawn in favour of "**Registrar, IIT Indore**", payable at Indore **OR** by NEFT Transfer: Registration fee can be paid through NEFT. Transfer of the amount can be done 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 the address below. Email confirmation in advance is suggested.

Evidence of payment should be emailed in advance to confirm the participation (Participant from TEQIP sponsored colleges are exempted)

Via Paytm:

Link for the payment through Paytm portal is available on IIT Indore website: http://www.iiti.ac.in/

- ❖ IIT Indore website →Paytm Portal
- ❖ Click on URL for new students registration LINK
- ❖ Select → Registration for events → Workshops/Conference → Other Details → Proceed

Registration deadline: **20ᵗʰ March 2019**

COURSE COORDINATORS:

Dr. Aruna Tiwari, Associate Professor, Discipline of Computer Science & Engineering, IIT Indore, **Email**: artiwari@iiti.ac.in

Dr. M. Tanveer, Assistant Professor, Discipline of Mathematics, IIT Indore, **Email:** mtanveer@iiti.ac.in

COURSE CO-COORDINATORS:

Dr. Md. Aquil Khan, Associate Professor, Discipline of Mathematics, IIT Indore, **Email:** aquilk@iiti.ac.in

Dr. Surya Prakash, Assistant Professor, Discipline of Computer Science & Engineering, IIT Indore, **Email:** surya@iiti.ac.in

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1.	**Name of the Person:**	
2.	**Designation:**	
3.	**Academic Qualification:**	
4.	**Name of the Institution/Organization:**	
5.	**Address for Communication:**	
6.	**Phone:**	
7.	**Email:**	
8.	**Payment Details:**	
	Amount:	
	Payment Ref. No:	
	Transaction Data:	
	Bank etc. Details:	

Place: **Date:**

Signature of Participant:

Approval /Permission from the Institution/Organization:
We approve the above application as participant for the above active learning course, which is being organized by IIT Indore during March 26-28, 2019.

Authorized Signature   Institute/Organization seal

Note: To confirm the participation in advance, scan copy of the filled form can be emailed to **artiwari@iiti.ac.in, mtanveer@iiti.ac.in,**
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