



Centre for Continuing Education

Indian Institute of Technology Kanpur

Newsletter January–June 2022

www.iitk.ac.in/cce



Message From Head

Prof. B V Rathish Kumar

Department of Mathematics and Statistics
IIT Kanpur

I am pleased to present the seventh newsletter of the Centre for Continuing Education (CCE) to the IIT Kanpur community. I am glad to report again that several Short Term Courses, Workshops, MooCs, and Conferences were successfully conducted in online and offline mode during the period between January to June 2022. All these events and activities have been made possible by the active support and cooperation of the IITK Faculty, staff, and community. We profusely thank them for their services and place the same on record.

A total of thirty-five (35) events were conducted under the aegis of the CCE. A total of two hundred (200) polytechnic teachers were trained under the academic institutions program. A summer program on Introduction to Sanskrit language was run during this period.

We will make continued efforts to offer courses from IITK Faculty during the second half of 2022. I am looking forward to reporting our activities again in the next newsletter. Take care and stay safe.

CCE Events: January–June 2022

01 SURGE Programme 2022 01.01.2022 – 31.12.2022

Coordinator



Prof. B.V. Rathish Kumar
Professor,
Dept. of Mathematics and Statistics,
IIT Kanpur

02 ACM India Online Winter on Design, Implementation and Verification of Computer Systems 03.01.2022 – 16.01.2022

Coordinator



Prof. Subhajit Roy
Associate Professor,
Dept. of CSE, IIT Kanpur

03 Recent Trends in Numerical Methods for PDEs and Applications 16.01.2022

Coordinator



Prof. B.V. Rathish Kumar
Professor,
Dept. of Mathematics and Statistics,
IIT Kanpur

04 IITK Advanced Career School in PYTHON based Data Science, Machine Learning and Deep Learning 22.01.2022 – 25.02.2022

Coordinator



Prof. Aditya K. Jagannathan
Professor,
Dept. of Electrical Engineering,
IIT Kanpur

05 Data Analysis in Criminal Justice 07.02.2022 – 16.04.2022

Coordinator



Prof. Arvind Kumar
Visiting Professor,
Dept. of CSE, IIT Kanpur

06 Introduction to Futuristic Research and Innovations: Brief and basics in areas such as air quality monitoring, urban development, online education etc. 07.02.2022 – 11.02.2022

Coordinators



Prof. Amitabha Bandyopadhyay
Professor,
Dept. of BSBE,
IIT Kanpur



Prof. B.V. Rathish Kumar
Professor,
Dept. of Mathematics and Statistics,
IIT Kanpur

07 Workshop on Capability and Tools/ Technology Mapping 19.02.2022 – 06.03.2022

Coordinators



Prof. Pritam Chakraborty
Assistant Professor,
Dept. of Aerospace Engineering,
IIT Kanpur



Prof. Amrendra Kumar Singh
Professor,
Dept. of Materials Science & Engg.,
IIT Kanpur

08 Understanding the choice of coating materials and methods on the protection against corrosion and wear
24.02.2022 - 24.04.2022

Coordinator



Prof. Kallol Mondal
Professor,
Dept. of MSE, IIT Kanpur

09 Data Science and Machine Learning
28.02.2022 - 04.03.2022

Coordinators



Prof. Subhajit Roy
Assistant Professor,
Dept. of CSE,
IIT Kanpur



Prof. B.V. Rathish Kumar
Professor,
Dept. of Mathematics and Statistics,
IIT Kanpur

10 15th Capacity Building Programme for Officers of Electricity Regulatory Commissions
28.02.2022 - 04.03.2022

Coordinator



Prof. Anoop Singh
Professor,
Dept. of IME, IIT Kanpur

11 IITK Python and Matlab/Octave-Based extensive training school in 5G Wireless Technologies
12.03.2022- 15.04.2022

Coordinator



Prof. Aditya K. Jagannathan
Professor,
Dept. of Electrical Engineering,
IIT Kanpur

12 AI/ML Techniques for Weather & Climate Problems
12.03.2022 - 14.02.2022

Coordinator



Prof. B.V. Rathish Kumar
Professor,
Dept. of Mathematics and Statistics,
IIT Kanpur

13 agMOOCs: Fluid Therapy and Management of Clinical Syndrome in Cattle and Small Ruminants
22.03.2022 - 15.05.2022

Coordinator



Prof. T.V. Prabhakar
Professor,
Dept. of CSE, IIT Kanpur

14 Professional Certification Programme in Blockchain
01.04.2022 - 31.03.2023

Coordinator



Prof. Sandeep Shukla
Professor,
Dept. of CSE, IIT Kanpur

15 Skill Development Initiative (SDI) in Women's Tailor
01.04.2022 - 31.08.2023

Coordinators



Prof. Sudhanshu Shekhar Singh
Associate Professor,
Dept. of MSE, IIT Kanpur



Prof. Sandeep Sangal
Professor,
Dept. of MSE, IIT Kanpur

16 Organic Chemistry Symposium-2022 (OCS-2022)

02.04.2022 - 03.04.2022

Coordinator



Prof. Dattatraya H. Dethé
Professor,
Dept. of Chemistry,
IIT Kanpur

17 Advanced Certification Programme in Cyber Security and Cyber Defense

16.04.2022 - 15.10.2022

Coordinator



Prof. Sandeep Shukla
Professor,
Dept. of CSE, IIT Kanpur

18 PYTHON for 5G System Simulation, Design and Analysis (Exclusively for Qualcomm)

18.04.2022 - 06.05.2022

Coordinator



Prof. Aditya K. Jagannathan
Professor,
Dept. of Electrical Engineering,
IIT Kanpur

19 agMOOCs: Statistical Techniques for Agriculturists

19.04.2022 - 15.06.2023

Coordinator



Prof. T.V. Prabhakar
Professor,
Dept. of CSE, IIT Kanpur

20 Recent development in the field of Geospatial and Geo-intelligence Data collection

19.04.2022 - 20.04.2022

Coordinator



Prof. Onkar Dixit
Professor,
Dept. of Civil Engineering,
IIT Kanpur

21 Strengthening of Positions Infrastructure

24.04.2022 - 29.04.2022

Coordinator



Prof. Onkar Dixit
Professor,
Dept. of Civil Engineering,
IIT Kanpur

22 Training and Capacity Building for Power Sector Institutions – LTDF & PPP

28.04.2022

Coordinator



Prof. Anoop Singh
Professor,
Dept. of IME, IIT Kanpur

23 Sanskrit Language Course

02.05.2022 - 30.06.2022

Coordinator



Prof. B.V. Rathish Kumar
Professor,
Dept. of Mathematics and Statistics,
IIT Kanpur

Instructor



Dr. Chaitali Dangarikar
IIT Kanpur

24 Technical Module for Trainee Engineers of HAL

16.05.2022 – 23.07.2022

Coordinator



Prof. Bishakh Bhattacharya
Professor,
Dept. of Mechanical Engineering,
IIT Kanpur

25 Strengthening of Positions Infrastructure

09.05.2022 – 20.05.2022

Coordinator



Prof. Onkar Dixit
Professor,
Dept. of Civil Engineering,
IIT Kanpur

26 Training on Intelligent Power Transmission and Distribution Systems

18.05.2022 – 22.05.2022

Coordinators



Prof. Ankush Sharma
Professor,
Dept. of Electrical Engineering,
IIT Kanpur



Prof. Alok Ranjan
Assistant Professor,
Dept. of Electrical Engineering,
IIT Kanpur

27 Regulatory Certification Program on Power Sector Regulation: Theory and Practice (RCP02)

09.05.2022 – 20.05.2022

Coordinator



Prof. Anoop Singh
Professor,
Dept. of IME, IIT Kanpur

28 Swaranjali, A vocal music course for beginners

30.05.2022 – 25.06.2022

Coordinator



Prof. Vipul Arora
Associate Professor,
Dept. of Electrical Engineering,
IIT Kanpur

29 agMOOCs: Management of Metabolic & Production Disorders in Cattle

31.05.2022 – 20.06.2022

Coordinator



Prof. T.V. Prabhakar
Professor,
Dept. of CSE, IIT Kanpur

30 Applied AIML for Business & Decision Analysis

01.06.2022 – 30.06.2022

Coordinator



Prof. Raghu Nandan Sengupta
Professor,
Dept. of IME, IIT Kanpur

31 Global Just Transition Network

01.06.2022 – 30.06.2023

Coordinator



Prof. Pradip Swarnakar
Associate Professor,
Dept. of Humanities & Social Sciences,
IIT Kanpur

32 IIT Kanpur Summer Training School on PYTHON + MATLAB + SIMULINK-based Simulation and Design of 4G/5G MIMO-OFDM Wireless Systems
11.06.2022 - 28.06.2022

Coordinator



Dr. Aditya K. Jagannathan
Professor,
Dept. of Electrical Engineering,
IIT Kanpur

33 Handling Large Scale Data and Data Analysis using R
01.06.2022 - 30.06.2023

Coordinator



Prof. Shalabh
Professor,
Dept. of Mathematics & Statistics,
IIT Kanpur

34 Shock Waves and Shock Tube Technologies
15.06.2022

Coordinator



Prof. Mohammed Ibrahim Sugarno
Assistant Professor,
Dept. of Aerospace Engineering,
IIT Kanpur

35 Power Market Economics and Operation (RCP02)
26.06.2022 - 10.07.2022

Coordinator



Prof. Anoop Singh
Professor,
Dept. of IME, IIT Kanpur



Faculty in Focus

Prof. Onkar Dikshit

Department of Civil Engineering
IIT Kanpur

<https://iitk.ac.in/new/onkar-dikshit>

Prof. Onkar Dikshit is a faculty in the Department of Civil Engineering, IIT Kanpur with Geoinformatics specialization. He completed his PhD from University of Cambridge, UK. His research interests include Geospatial Technology (optical, hyperspectral and microwave remote sensing, satellite image processing and analysis, and GNSS) for various engineering, archaeological and resources management applications including image classification, geodetic infrastructure, geodetic deformation, snow, and soil moisture studies.

He has supervised 13 PhD and 90 MTech theses. He is also the Coordinator of National Centre for Geodesy (NCG), IIT Kanpur. He has successfully organized many short-term courses, conferences, and trainings for faculty, researchers and working professionals and has executed several sponsored research projects from funding agencies like JICA, DST, Indian Railways, ISRO, INCOIS, NRSC, UGC, MHRD, AICTE in the area of Geoinformatics.

CCE Staff



Mr. Gyanendra Singh



Mr. Vinay Kumar



Mrs. Sanno Devi Kushwaha



Mr. Yogendra Singh



Mr. Ram Naresh Chaurasiya



Mr. Rajesh Kumar



Mr. Sudesh Kumar Gupta

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