



Centre for Continuing Education

Indian Institute of Technology Kanpur



CCE Newsletter

Jan-June 2023

Message From Head



Prof. B V Rathish Kumar

Professor, Department of Mathematics and Statistics &
Head, CCE IIT Kanpur

I am pleased to present the ninth 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 2023. 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 fifty-seven (57) events were conducted under the aegis of the CCE during the aforesaid period.

We will make continued efforts to offer courses from IITK Faculty during the second half of 2023. I am looking forward to reporting our activities again in the next newsletter.

54 Short-Term Courses
02 Conferences
01 Symposium

Short Term Courses

01

NTS-Nurturance Program

04.01.2023 - 08.01.2023



Coordinators:

Prof. Madhav Ranganathan,
Dept. of Chemistry IIT Kanpur



Prof. Saikat Ghosh,
Dept. of Physics IIT Kanpur

02

Technocruise - Jhansi

07.01.2023 - 08.01.2023



Coordinator:

Prof. Amitabha Bandyopadhyay,
Dept. of BSBE IIT Kanpur

03

Advanced E-SDP Scheme

09.01.2023 - 31.03.2023



Coordinator:

Prof. Ankush Sharma
Dept. of Electrical Engineering IIT Kanpur

04

Advanced E-SDP and Advanced MDP Scheme

09.01.2023 - 31.03.2023



Coordinator:

Prof. Ankush Sharma
Dept. of Electrical Engineering IIT Kanpur

05

Interfacial Transport Phenomena and Solution Techniques

13.01.2023 - 17.01.2023



Coordinator:

Prof. Prof. Ashoke De
Dept. of Aerospace Engineering
IIT Kanpur

06

E-Summit

13.01.2023 - 15.01.2023



Coordinator:

Prof. Ankush Sharma
Dept. of Electrical Engineering IIT Kanpur

07

DST STUTI

16.01.2023 - 22.01.2023



Coordinator:

Prof. Rohit Medwal
Dept. of Physics IIT Kanpur

08

Technocruise - Durgapur

20.01.2023 - 21.01.2023



Coordinator:

Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur

09

IIT Kanpur PYTHON and MATLAB/OCTAVE-Based Winter Training School in 5G Wireless Technologies: NOMA, Cooperative Communication, Cognitive Radio

21.01.2023 - 03.02.2023



Coordinator:

Prof. Aditya K Jagannatham
Dept. of Electrical Engineering IIT Kanpur

10

Strengthening of Positioning Infrastructure

23.01.2023 - 03.02.2023



Coordinator:

Prof. Onkar Dikshit
Dept. of National Centre for Geodesy IIT Kanpur

11**Technocruise - Amravati**

27.01.2023 - 28.01.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay,
Dept. of BSBE IIT Kanpur**12****Online Python Based Short Term Course on Machine Learning from Theory To Practical**

01.02.2023 - 23.02.2023

**Coordinator:**Prof. Prof. YN Singh
Dept. of Electrical Engineering IIT Kanpur**13****MSME Champions Scheme**

01.02.2023 - 31.03.2023

**Coordinator:**Prof. Ankush Sharma
Dept. of EE IIT Kanpur**14****16th Capacity Building Programme for Officers of Electricity Regulatory Commissions: Regulatory Perspectives on Network, Renewable Energy and Market Development**

03.02.2023 - 09.02.2023

**Coordinator:**Prof. Anoop Singh,
Dept. of IME IIT Kanpur**15****Capacity Building Programme for Officers of CERC and JERCs: Regulatory Perspectives on Network, Renewable Energy and Market Development**

03.02.2023 - 09.02.2023

**Coordinator:**Prof. Anoop Singh,
Dept. of IME IIT Kanpur**16****Helicopter Dynamics and Handling Qualities**

13.02.2023 - 17.02.2023

**Coordinator:**Prof. Abhishek
Dept. Aerospace Engineering IIT Kanpur**16****Regulatory Certification Program on Power Sector Regulation: Theory and Practice**

19.02.2023 - 03.03.2023

**Coordinator:**Prof. Anoop Singh
Dept. of IME IIT Kanpur**18****Data Science for Managerial Decision-Making**

20.02.2023 - 25.02.2023

**Coordinators:**Prof. Faiz Hamid
Dept. of IME IIT KanpurProf. Deep Mukharjee
Dept. of IME IIT Kanpur**19****Technocruise - Warana Nagar**

23.02.2023 - 23.02.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay,
Dept. of BSBE IIT Kanpur**20****Technocruise - Agartala**

23.02.2023 - 24.02.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay,
Dept. of BSBE IIT Kanpur

21**Technocruise**

25.02.2023 - 26.02.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur**22****Steelmaking and Refractories**

02.03.2023 - 04.03.2023

**Coordinator:**Prof. Dipak Mazumdar
Dept. of MSE IIT Kanpur**23****Technocruise- Lucknow**

03.03.2023 - 04.03.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur**24****Technocruise- Kolkata**

03.03.2023 - 04.03.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur**25****Technocruise- Amravati**

04.03.2023 - 05.03.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur**26****Technocruise- Kurukshetra**

11.03.2023 - 12.03.2023

**Coordinator:**Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur**27****Basics of Research and Analysis using R**

13.03.2023 - 17.03.2023

**Coordinator:**Prof. Pradip Swarnakar
Dept. of HSS IIT Kanpur**28****Advances in Designing and manufacturing Technologies for Orthopaedic Biomaterials**

13.03.2023 - 14.03.2023

**Coordinator:**Prof. Ashok Kumar
Dept. of BSBE IIT Kanpur**29****Unmanned Aerial Vehicle (UAV)**

13.03.2023 - 19.03.2023

**Coordinator:**Prof. BV Rathish Kumar
Dept. of Mathematics and Statistics
IIT Kanpur

Prof. Abhishek

Dept. Aerospace Engineering IIT Kanpur

30**Robotics**

20.03.2023 - 31.03.2023

**Coordinator:**Prof. Mangal Kothari
Dept. of AE IIT Kanpur

Prof. Ashish Dutta

Dept. of ME IIT Kanpur

31**Exergy(Chemical Engineering Fest)**

31.03.2023 - 02.04.2023

**Coordinator:**Prof. Dipin Pillai
Dept. of Chemical Engineering IIT Kanpur

32 Large Scale Optimization - 3rd Summer School

02.04.2023 - 09.04.2023



Coordinator:

Prof. Faiz Hamid
Dept. of IME IIT Kanpur

33 IIT Kanpur Intensive Training School (ITS) on PYTHON for Data Science, Machine Learning, Neural Networks and Deep Learning

08.04.2023 - 28.04.2023



Coordinator:

Prof. Aditya K Jagannatham
Dept. of Electrical Engineering IIT Kanpur

34 IIT Kanpur PYTHON and MATLAB/OCTAVE-Based Winter Training School in 5G Wireless Technologies: MIMO, OFDM, MIMO-OFDM, FBMC

15.04.2023 - 28.04.2023



Coordinator:

Prof. Aditya K Jagannatham
Dept. of Electrical Engineering IIT Kanpur

35 Petroleum Seismic

17.04.2023 - 18.04.2023



Coordinator:

Prof. Dibakar Ghosal
Dept. of Earth Sciences IIT Kanpur

36 Training Program in Smart Distribution System & Storage

28.04.2023 - 02.05.2023



Coordinator:

Prof. Ankush Sharma
Dept. of EE IIT Kanpur

37 Short Term Course for the HAL Trainee

03.05.2022 - 02.07.2022



Coordinator:

Prof. Bishakh Bhattacharya,
Dept. of ME IIT Kanpur

38 IITK PYTHON + MATLAB + SIMULINK Project-Based Training School on 4G/5G Technologies

04.05.2023 - 07.05.2023



Coordinator:

Prof. Aditya K Jagannatham
Dept. of Electrical Engineering IIT Kanpur

39 Research Scholar Day

06.05.2023 - 06.05.2023



Coordinator:

Prof. Rajesh Ranjan
Dept. of AE IIT Kanpur

40 SURGE Program 2023

11.05.2023 - 15.07.2023



Coordinator:

Prof. BV Rathish Kumar
Dept. of Mathematics and Statistics
IIT Kanpur

41 Art Appreciation: Indian Classical Music

15.05.2023 - 14.07.2023



Coordinator:

Prof. Sameer Khandekar
Dept. of Mechanical Engineering IIT Kanpur

42 Enantioselective ring opening transformations of aziridines via DKR

20.05.2023 - 22.07.2023



Coordinator:

Prof. Manas K. Ghorai
Dept. of Chemistry IIT Kanpur

43 Applications of Solar Energy Systems

22.05.2023 - 24.05.2023



Coordinator:

Prof. Sameer Khandekar
Dept. of Mechanical Engineering IIT Kanpur

44 Empowering DEcision making with Data Analytics

24.05.2023 - 26.05.2023



Coordinator:

Prof. Vimal Kumar
Dept. of Economic Sciences IIT Kanpur

45 Fundamentals of Energy Transition for Achieving Net-zero

01.06.2023 - 20.06.2023



Coordinator:

Prof. Pradip Swarnakar
Dept. of HSS IIT Kanpur

46 Book Design

01.06.2023 - 21.06.2023



Coordinator:

Prof. Shatarupa Thakurta Roy
Dept. of Humanities and Social Sciences
IIT Kanpur

47 Two months training for UG students at the National Centre for Geodesy (NCG)

01.06.2023 - 31.07.2023



Coordinator:

Prof. Onkar Dikshit
Dept. of Civil Engineering IIT Kanpur

48 Power Market Economics and Operation

03.06.2023 - 17.06.2023



Coordinator:

Prof. Anoop Singh
Dept. of IME IIT Kanpur

49 Deep Learning and Computer Vision-ACA Summer School

12.06.2023 - 07.07.2023



Coordinator:

Prof. Sunil Simon
Dept. of CSE IIT Kanpur

50 Introduction to Bio-inforatics and Bio-Statistics-ACA Summer School

12.06.2023 - 07.07.2023



Coordinator:

Prof. Sunil Simon
Dept. of CSE IIT Kanpur

51 Crptography and Blockchain Basic-ACA Summer School

12.06.2023 - 07.07.2023



Coordinator:

Prof. Sunil Simon
Dept. of CSE IIT Kanpur

52 Mathematics in Computer Science-ACA Summer School

12.06.2023 - 07.07.2023



Coordinator:

Prof. Sunil Simon
Dept. of CSE IIT Kanpur

53 Fundamentals of Computer Science-ACA Summer School

12.06.2023 - 07.07.2023



Coordinator:

Prof. Sunil Simon
Dept. of CSE IIT Kanpur

54 Natural Language Processing-ACA Summer School

12.06.2023 - 07.07.2023



Coordinator:

Prof. Sunil Simon
Dept. of CSE IIT Kanpur

Conferences

01 International Conference on Large Scale Optimization

10.04.2023



Coordinators:
Prof. Faiz Hamid
Dept. of IME IIT Kanpur

02 Soft Matter Young Investigator's Meet

14.06.2023 - 17.06.2023



Coordinators:
Prof. Harshwardhan H. Katkar
Dept. of Chemical Engineering IIT Kanpur



Coordinators:
Prof. Harshwardhan H. Katkar
Dept. of Mechanical Engineering IIT Kanpur



Symposium

01 India-UK symposium on Sustainability: Addressing the Water-Energy-Food Nexus

17.04.2023 - 19.04.2023



Coordinators:
Prof. Ashish Garg
Dept. of Department of Sustainable Energy Engineering IIT Kanpur



Faculty in Focus



Dr. Anoop Singh

Professor, Department of Industrial & Management Engineering
Founder and Coordinator, Centre for Energy Regulation (CER) & Energy Analytics Lab (EAL)
Adjunct Professor, Dept. of Sustainable Energy Engineering
Indian Institute of Technology Kanpur
Kanpur - 208016 (India)

Prof. Anoop Singh is a Professor in the Department of Management Sciences and Adjunct Professor, Dept. of Sustainable Energy Engineering. He is the founder of the Centre for Energy Regulation (CER) and the Energy Analytics Lab (EAL) at IIT Kanpur. He is currently an Independent Director of M.P. Power Management Company Limited and member of the NITI Aayog's Energy Modeling Forum, the Central Advisory Committee (CAC) of the Central Electricity Regulatory Commission (CERC), the State Advisory Committee (SAC) of the Delhi Electricity Regulatory Commission (DERC) and the State Advisory Committee (SAC) of the Meghalaya State Electricity Regulatory Commission.

Prof. Singh's areas of work includes a broad spectrum of policy, regulatory, modelling and analytics aspects related to power sector, renewable energy and power market. He has contributed with over 100 regulatory and policy submissions to Ministry of Power (MoP), Ministry of New and Renewable Energy (MNRE), NITI Aayog, Central Electricity Regulatory Commission (CERC), the State Electricity Regulatory Commissions (SERCs) and Central Electricity Authority (CEA).

He has four books and numerous publications to his credit. He is editor of Regulatory Insights – a quarterly newsletter of CER, and Power Chronicle – a quarterly newsletter of EAL. He is also Coordinator of eMasters Degree Program of IIT Kanpur on “Power Sector Regulation, Economics and Management”.

Over 30 projects with funding support from international (WB, UNCTAD, UNU/IAS, Univ. of Cambridge) as well as national agencies (NITI Aayog, Ministry of Power, CSERC, UPERC, UPPCL, IEX, PXIL, Maruti-Suzuki etc)

He is founding Board Member and Vice President (Conferences) of the Indian Association of Energy Economics (I-AEE).

CCE Staff



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Mr. Vinay Kumar



Mrs. Sanno Devi Kushwaha



Mr. Yogendra Singh



Mr. Sudesh Kumar Gupta



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Mr. Ram Naresh Chaurasiya



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