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.
Short Term Courses

01 NTS-Nurturance Program
04.01.2023 - 08.01.2023
Coordinator:
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 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
Technocruise
25.02.2023 - 26.02.2023
Coordinator:
Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur

Steelmaking and Refractories
02.03.2023 - 04.03.2023
Coordinator:
Prof. Dipak Mazumdar
Dept. of MSE IIT Kanpur

Technocruise- Lucknow
03.03.2023 - 04.03.2023
Coordinator:
Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur

Technocruise- Kolkata
03.03.2023 - 04.03.2023
Coordinator:
Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur

Technocruise- Amravati
04.03.2023 - 05.03.2023
Coordinator:
Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur

Technocruise- Kurukshtera
11.03.2023 - 12.03.2023
Coordinator:
Prof. Amitabha Bandyopadhyay
Dept. of BSBE IIT Kanpur

Basics of Research and Analysis using R
13.03.2023 - 17.03.2023
Coordinator:
Prof. Pradip Swarnakar
Dept. of HSS IIT Kanpur

Advances in Designing and manufacturing Technologies for Orthopaedic Biomaterials
13.03.2023 - 14.03.2023
Coordinator:
Prof. Ashok Kumar
Dept. of BSBE IIT Kanpur

Unmanned Aerial Vehicle (UAV)
13.03.2023 - 19.03.2023
Coordinator:
Prof. BV Rathish Kumar
Dept. of Mathematics and Statistics
IIT Kanpur

Robotics
20.03.2023 - 31.03.2023
Coordinator:
Prof. Mangal Kothari
Dept. of AE IIT Kanpur

Prof. Ashish Dutta
Dept. of ME IIT Kanpur

Exergy (Chemical Engineering Fest)
31.03.2023 - 02.04.2023
Coordinator:
Prof. Dipin Pillai
Dept. of Chemical Engineering IIT Kanpur
Large Scale Optimization - 3rd Summer School  
02.04.2023 - 09.04.2023  
Coordinator: Prof. Faiz Hamid  
Dept. of IME IIT Kanpur

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

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

Petroleum Seismic  
17.04.2023 - 18.04.2023  
Coordinator: Prof. Dibakar Ghosal  
Dept. of Earth Sciences IIT Kanpur

Training Program in Smart Distribution System & Storage  
28.04.2023 - 02.05.2023  
Coordinator: Prof. Ankush Sharma  
Dept. of EE IIT Kanpur

Short Term Course for the HAL Trainee  
03.05.2022 - 02.07.2022  
Coordinator: Prof. Bishakh Bhattacharya,  
Dept. of ME IIT Kanpur

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

Research Scholar Day  
06.05.2023 - 06.05.2023  
Coordinator: Prof. Rajesh Ranjan  
Dept. of AE IIT Kanpur

SURGE Program 2023  
11.05.2023 - 15.07.2023  
Coordinator: Prof. BV Rathish Kumar  
Dept. of Mathematics and Statistics IIT Kanpur

Art Appreciation: Indian Classical Music  
15.05.2023 - 14.07.2023  
Coordinator: Prof. Sameer Khandekar  
Dept. of Mechanical Engineering IIT Kanpur

Enantioselective ring opening transformations of aziridines via DKR  
20.05.2023 - 22.07.2023  
Coordinator: Prof. Manas K. Ghorai  
Dept. of Chemistry IIT Kanpur

Applications of Solar Energy Systems  
22.05.2023 - 24.05.2023  
Coordinator: Prof. Sameer Khandekar  
Dept. of Mechanical Engineering IIT Kanpur
Fundamentals of Energy Transition for Achieving Net-zero
01.06.2023 - 20.06.2023
Coordinator:
Prof. Pradip Swarnakar
Dept. of HSS IIT Kanpur

Empowering DEcision making with Data Analytics
24.05.2023 - 26.05.2023
Coordinator:
Prof. Vimal Kumar
Dept. of Economic Sciences IIT Kanpur

Power Market Economics and Operation
03.06.2023 - 17.06.2023
Coordinator:
Prof. Anoop Singh
Dept. of IME IIT Kanpur

Book Design
01.06.2023 - 21.06.2023
Coordinator:
Prof. Shatarupa Thakurta Roy
Dept. of Humanities and Social Sciences IIT Kanpur

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

Fundamentals of Computer Science-ACA Summer School
12.06.2023 - 07.07.2023
Coordinator:
Prof. Sunil Simon
Dept. of CSE IIT Kanpur

Natural Language Processing-ACA Summer School
12.06.2023 - 07.07.2023
Coordinator:
Prof. Sunil Simon
Dept. of CSE IIT Kanpur

Cryptography and Blockchain Basic-ACA Summer School
12.06.2023 - 07.07.2023
Coordinator:
Prof. Sunil Simon
Dept. of CSE IIT Kanpur

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

Mathematics in Computer Science-ACA Summer School
12.06.2023 - 07.07.2023
Coordinator:
Prof. Sunil Simon
Dept. of CSE IIT Kanpur

Deep Learning and Computer Vision-ACA Summer School
12.06.2023 - 07.07.2023
Coordinator:
Prof. Sunil Simon
Dept. of CSE IIT Kanpur

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
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

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
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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