I hereby present the tenth newsletter of the Centre of Continuing Education (CCE).

I am delighted to submit that during July to December 2023, numerous Short-Term Courses, Workshops and International Conferences were organised in online and offline mode, under the aegis of CCE. A total of fifty-six (56) events including international conferences were conducted successfully during the said period.

During this period a range of new exciting events viz; Cultural Fest (Antarargni), Annual Sports Fest (Udghosh), Techkriti, E-Summit, Kanpur City heritage walk, Pottery classes, Hindustani classical music were organised for the IITK and local community members. Among these, Kanpur City Heritage Walk was organised in association with Kanpur Panchayat. It will not be out of place to mention here that Kanpur City Heritage Walk was organized under the coordinator-ship of late Prof. Sameer Khandekar. The aim of the said walk was to bring awareness regarding the existing historic and heritage places at Kanpur. The participants of this event visited the following historic places at Kanpur; (i) Kanpur Kotwali (ii) Arya Samaj Bhawan (iii) Tilak Hall (iv) Gaya Prasad Library (v) Beech wala Mandir (Ram Janki Mandir) (vi) Chowk Gurudwara (vii) Kunjilal ka shivalay (viii) Kotwaleshwar Mandir (ix) Kaanch ka Mandir (x) Kamla Tower (xi) Dwarkadeesh Mandir (xii) Gajjulal Mandir (xiii) Sangamlal Mandir (xiv) Ramdas Mandir (xv) Kailash Mandir (xvi) Prayag Narayana Shivalay.

It is worth mentioning here that the above mentioned events and activities would not have been possible without the active cooperation and dedication of our Faculties and staff members in particular and IITK community at large. I take this as an opportunity to sincerely thank them for their services rendered in making the events successful and place the same on record.

I am sanguine that in future also we shall continue to offer events and courses in cooperation and active participation of our faculties and the activities will be highlighted in our next newsletter.

49 Short Term Courses
03 Symposium
04 Conferences
List of the EVENTS

**Short Term Course**

01 **Training on Net-Zero Campuses**
04.07.2023 - 05.07.2023

Coordinators:
- Prof. Rajeev Jindal
  Dept. of Sustainable Energy Engineering
  IIT kanpur
- Prof. Aakash C. Rai
  Dept. of Sustainable Energy Engineering
  IIT kanpur

02 **Data Analysis in Criminal Justice**
10.07.2023 - 08.09.2023

Coordinators:
- Prof. Amey Karkare
  Dept. of Sustainable Energy Engineering
  IIT kanpur
- Prof. Arvind Verma
  Dept. of Sustainable Energy Engineering
  IIT kanpur

03 **Introduction to Aeromechanics and Design of Unmanned aerial Systems**
10.07.2023 - 16.07.2023

Coordinator:
- Prof. Abhishek
  Dept. of Aerospace Engineering
  IIT kanpur

04 **Hydrodynamic Instabilities: Theory and Practice**
17.07.2023 - 21.07.2023

Coordinator:
- Prof. Dipin S. Pillai
  Dept. of Chemical Engineering
  IIT kanpur

**Symposium**

05 **Plasma Scholars Colloquium (PCS 2023)**
20.07.2023 - 21.07.2023

Coordinator:
- Prof. Sudeep Bhattacharjee
  Dept. of Physics IIT kanpur

**Workshop**

06 **Flexible Electronics Workshop**
22.07.2023 - 22.07.2023

Coordinator:
- Prof S Sundar Kumar Iyer
  Dept. of Electrical Engineering
  IIT kanpur

07 **Earthquake Resistant Practices @IITK for UG Students of Architecture**
22.07.2023 - 29.07.2023

Coordinators:
- Prof. Durgesh C Rai
  Dept. of Civil Engineering
  IIT kanpur
- Prof. Chinmay Kolay
  Dept. of Civil Engineering
  IIT kanpur

08 **Vocational online training through course enrollment in Tech & Engg. College**
24.07.2023 - 23.07.2024

Coordinator:
- Prof. Y N Singh
  Dept. of Electrical Engineering
  IIT kanpur

09 **PYTHON+MATLAB-Based 5G Wireless**
27.07.2023 - 30.07.2023

Coordinator:
- Prof. Aditya K Jagannatham
  Dept. of Electrical Engineering
  IIT kanpur
Short Term Course

10 Foreign Language Program 2023-24
01.08.2023 - 30.04.2024
Coordinator:
Prof. BV Rathish Kumar
Dept. of Mathematics and Statics
IIT kanpur

Short Term Course

11 Art Appreciation: Violin (Hindustani Classical)
16.08.2023 - 15.11.2023
Coordinator:
Late Prof. Sameer Khandekar
Dept. of Mechanical Engineering
IIT kanpur

Short Term Course

12 Training Program on Smart Distribution System and Storage
16.08.2023 - 15.11.2023
Coordinator:
Prof. Ankush Sharma
Dept. of Electrical Engineering
IIT kanpur

Workshop

13 One day Lab Visit for school students
16.08.2023 - 15.11.2023
Coordinator:
Prof. Prof. B.V. Rathish
Dept. of Mathematics and Statistics
IIT kanpur

Online Workshop

14 Graph Theoretic Approaches in Multi agent Systems
30.08.2023 - 01.09.2023
Coordinator:
Prof. Twinkle Tripathy
Dept. of Electrical Engineering
IIT kanpur

Short Term Course

15 Training to ITI Technicians
11.09.2023 - 15.09.2023
Coordinator:
Late Prof. Sameer Khandekar
Dept. of Mechanical Engineering
IIT kanpur

Short Term Course

16 Regional Young Investigators Meeting - Lucknow
11.09.2023 - 15.09.2023
Coordinator:
Prof. Bushra Ateeq
Dept. of BSBE IIT kanpur

Short Term Course

17 One day Lab Visit for selected Girls students under Vigyan Jyoti Project
13.09.2023
Coordinator:
Prof. BV Rathish Kumar
Dept. of Mathematics and Statics
IIT kanpur

Short Term Course

18 Quantum Computation and Algorithms
18.09.2023 - 22.09.2023
Coordinator:
Prof. Rajat Mittal
Dept. of Computer Science and Engineering
IIT kanpur

Short Term Course

19 Adjustment Computations with emphasis on establishing the horizontal datum
18.09.2023 - 23.09.2023
Coordinator:
Prof. Onkar Dikshit
Dept. of Civil Engineering
IIT kanpur
Workshop

20 5th Aditya-L1 Support Cell Workshop
29.09.2023 - 01.10.2023
Coordinator:
Prof. Gopal Hazra
Dept. of Physics IIT kanpur

Conference

21 Women in Science Conference
06.10.2023 - 07.10.2023
Coordinator:
Prof. Ritika Gautam
Dept. of Chemistry IIT kanpur

Short Term Course

22 Annual Sports Fest - UDGHOSH
06.10.2023 - 08.10.2023
Coordinator:
Prof. C.S.Upadhyay
Dept. of Aerospace Engineering IIT kanpur

Short Term Course

23 Introduction to Biomedical Imaging
Tomography and microscopy perspectives
07.10.2023 - 11.10.2023
Coordinator:
Prof. Naren Naik
Dept. of Electrical Engineering IIT kanpur

Short Term Course

24 Electromagnetics Interference and Compatibility (EMI/EMC): Theory, Techniques and Applications
12.10.2023 - 14.10.2023
Coordinator:
Prof. Jaleel Akhtar
Dept. of Electrical Engineering IIT kanpur

Short Term Course

25 E-SUMMIT 2023
13.10.2023 - 15.10.2023
Coordinator:
Prof. Ankush Sharma
Dept. of Electrical Engineering IIT kanpur

Short Term Course

26 ANTARAGNI’23 -Cultural Fest
19.10.2023 - 22.10.2023
Coordinator:
Prof. Ark Verma
Dept. of Humanities and Social Sciences IIT kanpur

Workshop

27 Technocruse Gwalior
21.10.2023 - 22.10.2023
Coordinator:
Prof. Manindra Agarwal
Dept. of Computer Science and Engineering IIT kanpur

Conference

28 Structure and Dynamics of Chemical and Biomolecular Systems
26.10.2023 - 28.10.2023
Coordinators:
Prof. Nisanth N Nair
Dept. of Chemistry IIT kanpur

Prof. Madhav Ranganathan
Dept. of Chemistry IIT kanpur

Prof. Pratik Sen
Dept. of Chemistry IIT kanpur

Prof. Sanjib Senapati
Dept. of Chemistry IIT kanpur
Physical Chemistry Symposium -2023
29.10.2023- 31.10.2023
Coordinators:
Prof. Nisanth N Nair
Dept. of Chemistry IIT kanpur
Prof. Madhav Ranganathan
Dept. of Chemistry IIT kanpur
Prof. Pratik Sen
Dept. of Chemistry IIT kanpur
Prof. Amalendu Chandra
Dept. of Chemistry IIT kanpur

International Workshop on Sustainable Materials Development Energy & Environmental Applications
30.10.2023 - 02.11.2023
Coordinator:
Prof. Krishanu Biswas
Dept. of MSE IIT kanpur

Techkriti Open School Championship (TOSC)
01.11.2023 - 25.12.2023
Coordinator:
Prof. Manindra Agarwal
Dept. of Computer Science and Engineering IIT kanpur

Advanced Certification Programme in Cyber Security and Cyber Defense
04.11.2023 - 03.11.2024
Coordinator:
Prof. Sandeep Shukla
Dept. of Computer Science Engineering IIT kanpur

Appreciation of Kanpur City Heritage
05.11.2023
Coordinator:
Late Prof. Sameer Khandekar
Dept. of Mechanical Engineering IIT kanpur

App. of Nanotech in Plant Growth and Crop Protection
10.11.2023 - 19.11.2023
Coordinator:
Prof. J. Ramkumar
Dept. of Mechanical Engineering IIT kanpur

Sustainable Management of Tailings Storage Facilities
14.11.2023 - 16.11.2023
Coordinator:
Prof. Partha Narayan Mishra
Dept. of Civil Engineering IIT kanpur

Introduction to Geodesy
23.10.2023- 27.10.2023
Coordinator:
Prof. Onkar Dikshit
Dept. of Civil Engineering IIT kanpur
**Short Term Course**

**38** Steelmaking & Refractories  
18.11.2023 - 20.11.2023  
Coordinator:  
Prof. Dipak Mazumdar  
Dept. of Materials Science and Engineering  
IIT Kanpur

**STC Online**

**39** Fuel/Engine Interactions in Practical Internal Combustion Engines for Future Emission Compliances and Efficiency Improvements  
17.11.2023 - 26.11.2023  
Coordinator:  
Prof. Avinash Kumar Agarwal  
Dept. of Materials Science and Engineering  
IIT Kanpur

**Workshop**

**40** Appreciation of Kanpur City Heritage  
19.11.2023  
Coordinator:  
Late Prof. Sameer Khandekar  
Dept. of Mechanical Engineering  
IIT Kanpur

**Workshop**

**41** 4th Global Regulatory Perspectives Programme for Members of State Electricity Regularity Commissions, Sydney, Australia  
20.11.2023 - 22.11.2023  
Coordinator:  
Prof. Anoop Singh  
Dept. of IME IIT Kanpur

**Short Term Course**

**42** Training to ITI Technicians  
20.11.2023 - 24.11.2023  
Coordinator:  
Late Prof. Sameer Khandekar  
Dept. of Mechanical Engineering  
IIT Kanpur

**Short Term Course**

**43** Two-day refresher course on bitumen and bitumen emulsion  
21.11.2023 - 22.11.2023  
Coordinator:  
Prof. Prabin Kr. Ashish  
Dept. of Civil Engineering  
IIT Kanpur

**Workshop**

**44** Technocruse Bhopal  
22.11.2023 - 30.11.2023  
Coordinator:  
Prof. Manindra Agarwal  
Dept. of Computer Science and Engineering  
IIT Kanpur

**International Conference**

**45** Arthashastra-2023  
24.11.2023 - 25.11.2023  
Coordinator:  
Prof. Vimal Kumar  
Dept. of Humanities and Social Sciences  
IIT Kanpur

**STC Online**

**46** Online Python based machine learning course theory to practise  
01.12.2023 - 31.12.2023  
Coordinator:  
Prof. Yatindra Nath Singh  
Dept. of Electrical Engineering  
IIT Kanpur

**STC Online**

**47** IIT KANPUR Intensive Training School(ITS) on PYTHON for Machine Learning, Neural Networks and Deep Learning  
02.12.2023 - 22.12.2023  
Coordinator:  
Prof. Aditya K Jagannatham  
Dept. of Electrical Engineering  
IIT Kanpur
Short Term Course

48 Art Appreciation: Clay and Pottery Making
04.12.2023 - 15.12.2023
Coordinator:
Late Prof. Sameer Khandekar
Dept. of Mechanical Engineering
IIT Kanpur

Symposium

49 Use of Pre-cast & Pre-engineered Components in Construction
04.12.2023 - 05.12.2023
Coordinator:
Prof. Sudhir Misra
Dept. of Civil Engineering
IIT Kanpur

Symposium

50 Sparc Project Workshop cum Symposium
05.12.2023 - 07.12.2023
Coordinator:
Prof. BV Rathish Kumar
Dept. of Mathematics and Statics
IIT Kanpur

Workshop

51 Carbon Neutrality & related Certifications
04.12.2023 - 05.12.2023
Coordinators:
Prof. Rajeev Jindal
Dept. of Sustainable Energy Engineering
IIT Kanpur
Prof. Aakash C. Rai
Dept. of Sustainable Energy Engineering
IIT Kanpur

STC Online

52 Sustainable Scale and Storable E-Fuels for Decarbonising Transport sector
07.12.2023 - 10.12.2023
Coordinator:
Prof. Avinash Kumar Agarwal
Dept. of Mechanical Engineering
IIT Kanpur

Conference

53 Annual Conference of Cognitive Science (ACCS-X)
09.12.2023 - 11.12.2023
Coordinator:
Prof. Ark Verma
Dept. of Humanities and Social Sciences
IIT Kanpur

Short Term Course

54 Winter School on Speech and Audio Processing (WiSSAP 2023)
Coordinator:
Prof. Vipul Arora
Dept. of Electrical Engineering
IIT Kanpur

Short Term Course

55 Exposure Visit / Student Exchange Program
18.12.2023 - 31.03.2024
Coordinator:
Prof. Amey Karkare
Dept. of Computer Science Engineering
IIT Kanpur

Workshop

56 Technocruise Bhopal
Coordinator:
Prof. Manindra Agarwal
Dept. of Computer Science and Engineering
IIT Kanpur
Prof. Sameer Khandekar received his B.E. Degree from Government Engineering College Jabalpur in 1993 and went on to work in L&T Shipping Group from 1994-1996, and Barber Ship Management Malaysia from 1996 - 1998. He completed his M. Tech from IIT Kanpur in year 2000 and PhD from the University of Stuttgart, Germany in year 2004. He was with the Department of Mechanical Engineering at IIT Kanpur from September 2004 until his heavenly abode on 22 December 2023. He was also an invited professor at various International Universities.

Prof. Khandekar was an internationally acclaimed researcher in the area of heat pipes, electronics thermal management, and energy systems. He won several accolades for his research and was a fellow of INAE and Institution of Engineers. He was also an editor of several international journals. Besides, he was also an actor, poet, and artist and would be remembered for his outstanding performance during the IIT Kanpur Diamond Jubilee function (Ek aur Dron Acharya).

Prof. Khandekar was also actively involved in Outreach activities under aegis of CCE. Among others, he organised Kanpur City Heritage Walk in association with the Kanpur Panchayat. This program was aimed for bringing awareness regarding the existing historic and heritage places at Kanpur. This program was very much enthusiastic and was also highly appreciated. The Kanpur.

We will be missing a vibrant Professor. CCE Head and staff deeply mourns his unfortunate demise.
Few of the courses organised by Approach Cell under the coordinator-ship of Prof. Sameer Khandekar are as under:

01 Art Appreciation: Indian Classical Music  
   (15.05.2023-14.07.2023)

02 Art Appreciation Hindustani Classical Music  
   (16.08.2023-15.11.2023)

03 Art Appreciation Violin (Hindustani Classical)  
   (16.08.2023-15.11.2023)

04 Art Appreciation Clay and Pottery Making  
   (04.12.2023-15.12.2023)

05 Appreciation of Kanpur City Heritage  
   (05.11.2023) & (19.11.2023)
CCE Staff

Mr. Gyanendra Singh
Mrs. Sanno Devi Kushwaha
Ms. Deeksha Singh
Mr. Abhishek Singh
Mr. Alok Kumar
Mr. Rajesh

Mr. Vinay Kumar
Mr. Sudesh Kumar Gupta
Mr. Yogendra Singh
Mr. Ram Naresh Chaurasiya
Ms. Archana

Centre for Continuing Education
Indian Institute of Technology
Room No. 207, Outreach Building
Indian Institute of Technology Kanpur

Phone: 0512–259–7795
Email: cce@iitk.ac.in