Prof. B V Rathish Kumar
Professor, Department of Mathematics and Statistics
Head, CCE IIT Kanpur

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**

**04 Conferences**

**03 Symposium**
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  
28.08.2023  
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 Technocruise 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. 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

Coordinators:
Prof. Partha Narayan Mishra
Dept. of Civil Engineering
IIT kanpur

Prof. Jagdish Parsad Sahoo
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 Regulatory 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 Technocrruise 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

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
Late Prof. Sameer Khandekar  
Professor, Department of Mechanical 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

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