



One Week Online Short Term Course under TEQIP-III

Future Perspectives of Research in Chemical Science and Technology

(An International eSTC)

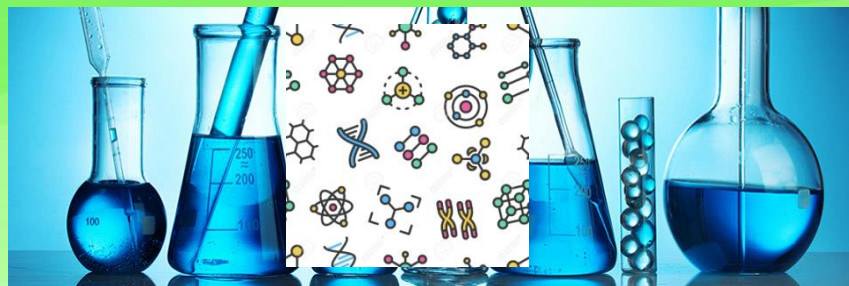
October 20-24, 2020

Organized by

Department of Chemistry, Dr B R Ambedkar National Institute of Technology, Jalandhar - 144011, Punjab

PATRON

Prof. Lalit Kumar Awasthi
Director, NIT Jalandhar



CONVENER

Prof. B. S. Kaith
Department of Chemistry
NIT Jalandhar

COORDINATORS

Dr Vimal Kumar & Dr Vickram Jeet Singh
Department of Chemistry
NIT Jalandhar



EMINENT SPEAKERS

1. Prof. Nand Kishore, IIT Bombay.
2. Prof. T. S. Banipal, GNDU, Amritsar.
3. Prof. R. L. Gardas, IIT Madras.
4. Prof. Jitendra Sangwai, IIT Madras,
5. Prof. Rajeev Gupta, Delhi University
6. Prof. G. R. Chaudhary, Panjab University
7. Dr. Sanjay Singh, Associate Prof., IISER Mohali
8. Dr. Debaprasad Mandal, Associate Prof., IIT Ropar
9. Dr P. Attri, Associate Prof. Kyushu University, Japan
10. Dr. Pankaj Chauhan, Asst. Professor, IIT Jammu

About The Department of Chemistry

The Department of Chemistry, NIT Jalandhar is one of the sixteen Departments of the Institute. The coherent, cohesive and homely environment of the Department is attributed to the students, faculty and staff with tremendous potential and opportunities to grow academically, socially, emotionally and spiritually. The Department started functioning in 1989 for teaching undergraduate (B.Tech.) students. M.Sc. and Ph.D. Programs were initiated in July 2006. Department is striving to emerge as a premier Centre of Chemistry teaching and research of the country. Within a span of fourteen years of commencement of post graduate classes, the Department has achieved results which reflect upon the growth pattern of the Department. The Department has organized several International and National Conferences, Short Term Courses to promote the academic and research collaborations, and to provide a broad exposure to students. The Department was also selected as 'DST-FIST' sponsored Department.

About the e-STC

The online short-term course “**The Future Perspectives of Research in Chemical Science and Technology**” to be held during October 20-24, 2020 at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar will provide the information about the emerging ideas and innovations in research in chemical sciences that can be exploited for the benefit of society. The course will not only cultivate the brain storming for the insightful research in different branches of chemistry but can also be beneficial for interdisciplinary research. The course is expected to create a bridge for collaborations among the researchers to explore the applications in science and technology. The master’s and doctoral students will learn about various research fields and will develop the insights to explore innovative ideas that can be used in their research career.

Objectives of the Course

The main objectives of the course are:

1. To highlight the essential role of chemistry in day-to-day life.
2. To understand the future demand of chemical sciences for sustainable development.
3. To apply the knowledge of chemistry in search of novel green materials.
4. To develop analytical and creative thinking needed for research in chemical sciences and technology.
5. To provide insight knowledge about the basic chemistry involved in smart functional materials.

TENTATIVE LECTURE SCHEDULE

Session I: 10.30 am to 12.00 pm

Session II: 2.30 pm to 4.00 pm

Venue: Microsoft Team Platform and Youtube

REGISTRATION

Click the link below

<https://forms.gle/dkyvbXbVVM5wHAC8>

Last date to register: **19-10-2020**

There is no registration fee for this course.

E-certificates will be provided to registered participants.

For any queries, please contact

Dr. Vickram Jeet Singh, singhvj@nitj.ac.in (06283859419)

Or Dr. Vimal Kumar, bhardwajvk@nitj.ac.in (0896815523)

Department of Chemistry, Dr B R Ambedkar NIT Jalandhar

