

Institute for Excellence in Higher Education Bhopal

Department of Chemistry

Organizing Committee



Patron

Dr. S. S. Vijayvargiya
Director, IEHE Bhopal



Webinar Series on Advanced Instrumentation

under

Cluster scheme of Madhya Pradesh Government

with

M.P. C. S. T. (Quality Assurance Laboratory) Bhopal

Convenor

Dr. Sarita Shrivastava
HOD, Dept. of Chemistry,
IEHE Bhopal

Organizing Secretary

Dr. Anjali Acharya
Dr. Israt Alim

Organizing Members

Dr. Sunil Mishra
Dr. Manoj Kumar Shukla
Dr. Mahendra Singhai
Dr. Deepa Johri

Technical Team

Dr. Akhilesh Shende
Mr. Rajendra Prasad

Institute for Excellence in Higher Education Bhopal under the cluster scheme of Madhya Pradesh government with M.P. Council of Science and Technology, (Quality Assurance Laboratory) Bhopal is organizing the webinar series on advanced instrumentation.

Schedule and Scheme of Webinar

29th July 2020, Wednesday:
10:30am – 12:30pm

Title: **GC and GCMS**

Agenda:

1. Basic & Principles of GC and GCMS
2. Instrumentation and working
3. Applications

Webinar link

<https://thermofisher.webex.com/thermofisher/onstage/g.php?MTID=e79098b106814e77280dd11a142596c9f>

Presented by: **Mr. Sunil Kumar**

He is the Marketing Manager for Mass Spectrometry & Food safety for India & South Asia. He has more than two decades of experience in Mass Spectrometry & Chromatography. He has served different industries at different positions; including pharma QC, R&D & different instrument vendors.

30th July 2020, Thursday
10:30am – 12:30pm

Title: **AAS and ICP-OES**

Agenda:

1. Basic & Principles of AAS and ICP-OES
2. Instrumentation and working
3. Various elemental analysis techniques
4. Applications

Webinar link

<https://thermofisher.webex.com/thermofisher/onstage/g.php?MTID=e3059aa369aafd96426d24b1fd8b2f042>

Presented by: **Dr. Piyush Deokar**

He is PhD Graduate in Chemistry from University of Southern California with an Experience of More than 8 Years having extensive experience in Materials Synthesis and Characterization. Currently he is working as a Product Manager for Trace Elemental Analysis in Thermo Fisher Scientific).

18th August 2020, Tuesday
10:30am – 12:30pm

Title: **HPLC/ UHPLC**

Agenda:

1. Chromatography: Basics & Principles of HPLC / UHPLC
2. Instrumentation
3. UHPLC Column chemistries
4. Application

Webinar link

<https://thermofisher.webex.com/thermofisher/onstage/g.php?MTID=e0808119bcd57674e157217eaa748f605>

Presented by: **Mr. Justin Nadar**

He is Postgraduate in Organic Chemistry with more than 12 years' experience in pharmaceutical sector; he was working for CIPLA R&D, Mumbai before joining Thermo Fisher.

18th August 2020, Tuesday
10:30am – 12:30pm

Title: **IC**

Agenda:

1. Basics & Principles of Ion Chromatography
2. Instrumentation
3. Application

Webinar link

<https://thermofisher.webex.com/thermofisher/onstage/g.php?MTID=e0808119bcd57674e157217eaa748f605>

Presented by: **Dr. Chetan Chavan**

He has rich experience in field of Ion Chromatography with more than 22 years of experience and he has completed his Ph.D on same subject of IC. Currently He is holding Sr. Product Manager position for IC/SP solution at Thermo Fisher Scientific.

19th August 2020, Wednesday
10:30am – 12:30pm

Title: **UV-Vis**

Agenda:

1. Basics & Principles of UV-Vis Spectrophotometer and FTIR
2. Instrumentation
3. Application

Webinar link

<https://thermofisher.webex.com/thermofisher/onstage/g.php?MTID=ea0c751de3c48d4dc2caf03125a60b7df>

Presented by: **Mr. Aniruddha Pisai**

He has Master of Science degree in Industrial Chemistry from Shivaji University, Kolhapur, Maharashtra. He has a total of 15 years of experience in the Pharmaceutical and Analytical Industry. He worked on Molecular Spectroscopy Applications development for global requirements.