

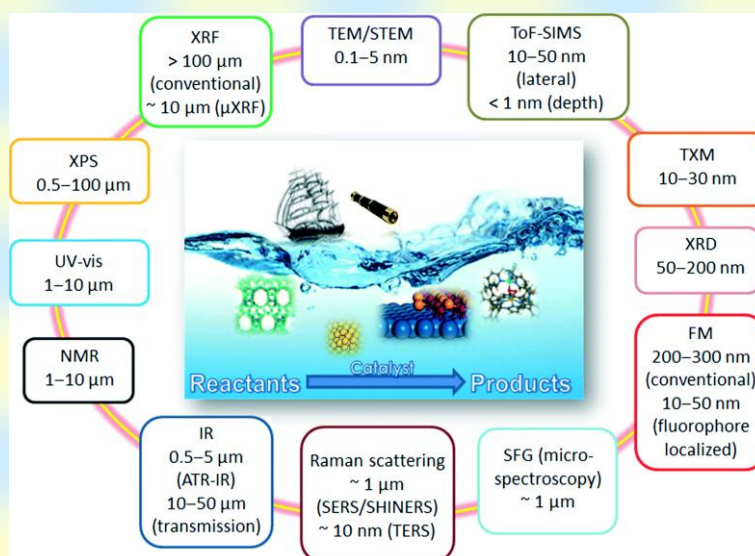
INTERNATIONAL VIRTUAL CONFERENCE

On

MODERN INSTRUMENTAL AND CHARACTERIZATION TECHNIQUES IN APPLIED SCIENCES-2020 (MICTAS-2020)

5th to 6th July, 2020

Timing - 9:30 am to 12:30 pm



Organized by

MIET Kumaon, Shiksha Nagar, Lamachaur, Haldwani (Nainital) Uttarakhand, India
and

Department of Chemistry, H.N.B. Govt. P.G. College, Khatima, Uttarakhand, India

In collaboration with

Uttarakhand Science Education and Research Centre (USERC)

Department of Science and Technology, Government of Uttarakhand

and

Department of Chemistry, Radhey Hari Govt. P.G. College, Kashipur, Uttarakhand, India

About MIET

MIET Kumaon an institute of MIET Group came into existence in the year 2011 with an aim to mould talented students into qualified professionals to meet the overgrowing demand of professionals in the industries located in Uttarakhand, India and Overseas. MIET Kumaon is affiliated to Kumaon University, Nainital and Uttarakhand Open University, Haldwani. The mother Institute MET namely Meerut Institute of Engineering and Technology was established in 1997 as the fourth oldest self-financed Engineering College in Uttar Pradesh. It's renowned academic achievements, environment, extensive alumni network in 200 Industries all over the world, excellent placements record and vivid life in the campus makes it an excellent Education Institution. It is presently ranked as the fourth best engineering college in Uttar Pradesh by AKTU, Lucknow. A number of research projects have been successfully completed in the Institute. The Establishment of MIET Kumaon at Haldwani shall prove to be boon to all students of the region for excellent professional Education. Spread over 10 acres of land with a well planned Infrastructure, MIET Kumaon has already gained reputation far and near through best faculty, education and placement. Courses offered at MIET KUMAON- BBA and BCA (affiliated to Kumaon University) MBA, MCA, B.Com, M.Com, PGDHRM (Uttarakhand Open University).

About H. N. B. Govt. P.G. College, Khatima, U. S. Nagar, Uttarakhand

Hemwati Nandan Bahuguna Government Post Graduate College is affiliated to Kumaon University Nainital and is situated at Khatima, a tribal block of Udham Singh Nagar, in Uttarakhand. It lies on the important national highway which connects Barielly to Pithoragarh. Khatima has its border touching Uttar-Pradesh and Nepal. Being established in a border town the college caters to the need of large number of students coming from either side of the border. Government P.G. College, Khatima Uttarakhand was established in 1988. H. N. Govt. P.G. College offers Under Graduate (U.G.), Post Graduate (P.G.) and Ph.D. programmes in various disciplines like Science, Arts and Commerce. In addition to these regular programmes self financed B.Ed., P.G. Diploma in Yoga & Alternative Therapies and M.A. in Diploma in Yoga & Alternative Therapies are also being run. Uttarakhand Open University Centre of the college also offers several programmes conducted by UOU.

About R. H. Govt. P.G. College, Kashipur, U. S. Nagar, Uttarakhand

Radhey Hari (R.H.) Govt. Post Graduate College, Kashipur (U.S. Nagar) located in foothills of Kumaun Himalayas was established in 1973. College is about four kilometers away on Bazpur Road from the main city. The college is spread over an area of 33 acres. It is a co-educational institution and is affiliated to Kumaon University. The college is recognized by the University Grants Commission (U.G.C.) under section 2(f) and 12 (B) of the UGC Act. R. H. Govt. P. G. College has three faculties viz. Arts, Science and Commerce. The college in all offers three Under Graduate (U.G.), 13 Under Graduate and the Ph.D. programmes in Science, Arts and Commerce. In addition to these regular programmes self financed B.Ed., P.G. Diploma in Yoga and Holistic Health and Diploma in Tourism are also being run. Uttarakhand Open University and IGNOU Centre of the college also offers several programmes conducted by UOU and IGNOU.

About USERC

Uttarakhand Science Education and Research Centre (USERC) was setup in 2005 by the Department of Science and Technology, Government of Uttarakhand as an autonomous organization. It was created with the mandate to bolster scientific temperament in Uttarakhand. To this end, it has been making intensive, across-the-board efforts to support education and promote career prospect in the realms of Science and Technology. USERC is dedicated to motivating and developing academicians and students through its involvement in teaching and training students for research in science and technology, including computing. A large part of Uttarakhand consists of difficult to very difficult terrain and includes fragile ecosystems that cannot be disturbed due to ecological constraints. This has led to the state being unable to fully adopt the traditional approach for pursuing the goal of economic growth and development. Consequently, Uttarakhand lags behind many other parts of the country in the quest for growth and development. In this milieu, inculcation and nurturing of scientific temperament and technological savvies is crucial for the state being able to progress on the path of economic growth and development. USERC works towards creating the necessary infrastructure and developing meaningful programmes for the state by extensively interacting and collaborating with national and international institutions and experts. The Centre is developing a synergical network with many academic institutions located in the state and outside. It also conducts various outreach programmes and co-curricular activities for reaching out to the community, all across the state.

About conference

MICTAS-2020 invites all the participants from all over the world to attend two days "**International Virtual Conference on Modern Instrumental and Characterization Techniques in Applied Sciences-2020**" during **July 5-6, 2020** at **e-platform**.

MICTAS-2020 aims to bring together Indian and International communities (students, scientists, engineers and stakeholders from academia, government laboratories, industry and other organisations) working in the field of applied science and technology to discuss new and exciting advances in the field.

MICTAS-2020 mainly focuses on Novel Approaches to Analytical and Bioanalytical Methods, Chromatographic Techniques, Environmental Analytical Chemistry, Electrophoresis, Advancements in Mass Spectrometry, Advances in Separation Techniques, Analytical Biotechnology, Pharmaceutical Analysis, New Instrumentation and Equipment, Regulatory Issues and Biosafety Challenges in Bioanalysis.

The two days event implanted a firm relation of upcoming strategies in the field of Applied Sciences with the scientific community. The conceptual and applicable knowledge shared, will also foster organizational collaborations to nurture scientific accelerations. We are thankful to all our speakers for encouraging and supporting us to conduct the conference. All of them provided their fruitful contributions in the form of highly informative presentations and made the conference a top notch one.

Conference Highlights

- ✓ Mass Spectrometry
- ✓ Raman Spectroscopy
- ✓ Infrared Spectroscopy
- ✓ Atomic Spectroscopy
- ✓ UV Spectroscopy
- ✓ Luminescence Spectroscopy
- ✓ X-Ray Spectroscopy
- ✓ Energy Dispersive (EDS/EDX) X-RAY Spectroscopy
- ✓ Time-Resolved (TR) Spectroscopy
- ✓ NMR Spectroscopy
- ✓ EPR Spectroscopy
- ✓ Chromatography
- ✓ (HPLC) High-Performance Liquid Chromatography
- ✓ Absorption Spectrometry
- ✓ Biomedical Spectroscopy
- ✓ Spectroscopy tools in Nanotechnology
- ✓ Separation Techniques
- ✓ Crystallography

OUR INSPIRATION

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MICTAS - 2020

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Professor
Department of Textile &
Fibre Engineering
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MICTAS-2020

Eminent Speakers



Dr. V. Vishwanathan
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Dr. Abhishek Mishra
Methodist Hospital Houston
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Senior Principal Scientist
CSIR - Indian Institute of Chemical
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