

2-Days Hands on Training Programme
on

ATOMIC ABSORPTION SPECTROPHOTOMETER & GAS CHROMATOGRAPHY-MASS SPECTROMETER



Unveiling Excellence

Organized by

Advanced Research Centre (ARC)
UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

Venue : Block-K, USTM
Date- 04-05 March, 2022

■ ABOUT THE UNIVERSITY

The University of Science & Technology, Meghalaya (USTM – Accredited 'A' Grade by NAAC in the first cycle) is the first Private University of Science & Technology in the entire North East India, sponsored by ERD Foundation, Guwahati. The University has been established in a picturesque landscape surrounded by tranquil greenery in Assam-Meghalaya at Baridua, 9th mile, opposite to CRPF Camp, Ri-Bhoi District of Meghalaya.

The University has been established under the provisions of the University of Science and Technology, Meghalaya Act (No.6 of 2008) enacted by Legislative Assembly of Meghalaya and notified vide Gazette Notification No LL(B)87/2008/21, dated 02.12.2008 of Government of Meghalaya. The University is empowered by the University Grants Commission, to award degrees as specified by the UGC under section 22 of the UGC Act, 1956. USTM has also received the necessary approval from AICTE, New Delhi; NCTE, ERC, Bhubaneswar, Pharmacy Council of India to run MBA, B.Ed. & B. Pharm courses respectively.

The University has been involved for more than 10 years in fulfilling the aspirations of the young mind by imparting quality education. Further, the university is involved in high-value research emphasizing required needs as well as in pursuing frontier areas of research innovation. Invention and entrepreneurship have remained the primary focus. The University is directing all its efforts to create the much-needed S & T manpower to foster relentlessly the economic and social development of the region in an inclusive manner.

■ ABOUT ARC

Advanced Research Centre (ARC) is a multidisciplinary research centre located in University of Science and Technology, Meghalaya. The centre is situated at a pristine location in the hills of Meghalaya and provides the perfect environment for carrying out high quality research. Our aim is to develop a world class research institute and provide training in a broad area ranging from material science to Genetics. ARC is committed to be a state of the art research centre for achieving excellence in identified crucial areas of Science and Technology.

Research at the Centre is carried out in respective units which are divided based on primary research focus. These Units are Molecular Biology and Genetics, Chemistry, Material Science, Microbiology. A collaborative research is being facilitated in ARC among the different units to yield more fruitful and productive research work. Being a research institution of higher learning, the primary goal of ARC is to produce well trained Ph.D. and Master of Science students.

■ PROGRAMME HIGHLIGHTS

- Fundamentals of Chromatography & Mass-Spectroscopy
- GCMS/ AAS Theory & Analysis
- GCMS/ AAS Practical Hands-on Training
- GCMS Modes of separation
- GCMS/ AAS Calibration
- GCMS/AAS Troubleshooting



Campus

Techno City, Khanapara, Klong Road,
Baridua, 9th Mile, Ri-Bhoi, Meghalaya-793101
Web : www.ustm.ac.in

■ ABOUT THE TRAINING PROGRAM

The training program will provide exposure to the advances in the field of Atomic Absorption Spectrophotometer & Gas Chromatography-Mass Spectrometer to the experienced analyst and both basic and practical aspects to beginners. Wide coverage is given to fundamental concepts of laboratory operations in a clear manner so that both the beginner and expert will find the training program as a useful tool for the day to day laboratory operations.



Atomic Absorption Spectrophotometer



Gas Chromatography-Mass Spectrometer

■ WHO CAN PARTICIPATE?

M. Sc in Life Science/ B. Sc in Life Science/ Research Scholar's/ Faculty

■ REGISTRATION DETAILS

| | | |
|---|---|---|
| Date | : | 4 th & 5 th March, 2022 |
| Time | : | 10:00 AM to 4:00 PM |
| Duration | : | 2 days |
| Registration Fees | : | 500/- (Other Institute Participants) 350/- (Internal) |
| Registration fees will be collected at the reception, Advanced Research Centre, Block-K, USTM | | |
| Number of Seats | : | 20 |
| Last Date of Registration: | : | 3 rd March, 2022 |
| Registration link | : | https://forms.gle/hdFMTGwkot4jxoGf8 |

■ THE ORGANIZERS

CHIEF PATRON : Shri Mahbubul Hoque
Chancellor, USTM

PATRON : Prof. G.D. Sharma
Vice- Chancellor, USTM

ADVISORS:

Dr. R. K. Sharma, Advisor, USTM
Dr. B. K. Das, Director, Administration, USTM
Mrs. Anju Hazarika, Registrar, USTM
Dr. A. H. Barbhuiya, Academic Registrar, USTM
Prof. J.N. Ganguli, Director ARC, USTM
Prof. D.K. Sharma, Professor in Charge, USTM
Dr. Monalisa B. Deka, Joint Director (Research), USTM
Mr. Shamim Goney, Deputy Registrar, USTM

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