



B.S. Abdur Rahman

Crescent

Institute of Science & Technology

Deemed to be University u/s 3 of the UGC Act, 1956

DEPARTMENT OF CHEMISTRY

ORGANIZES

ONE MONTH - VIRTUAL

SUMMER INTERNSHIP

ON

**RECENT ADVANCES IN CHEMICAL
SCIENCES**

FROM 1st JULY – 31st JULY 2021

TIME – 4-6 Pm



FOR REGISTRATION

ABOUT THE INSTITUTION

B.S. Abdur Rahman Crescent Institute of Science and Technology, a deemed to be University, formerly acclaimed as B.S. Abdur Rahman Crescent Engineering College, blossomed into a premier institution for higher education and research in the year 2009. Being an anchor institution in Chennai, it has attracted many students nationwide. The University was accredited with grade 'A+' by NAAC. The University envisages upholding excellence in its entire three dimensional focal areas namely Education, Research and Consultancy. Almost all the UG and PG programmes have been accredited by NBA. More than 580 scholars are pursuing Ph.D./ M.Sc./ M.Phil. programme in this Institution. The Quality Management System of the Institute confirms to the ISO standards and certified accordingly by the Det Norske Veritas (DNV), Netherland.

ABOUT THE DEPARTMENT

The Department of Chemistry emerged as a full-fledged Department in 2009 to offer programs leading to M.Sc. and Ph.D. degrees. The Department has 15 faculty members with Ph.D. qualification. Faculty members are having expertise in contemporary research areas such as nanotechnology, biosensor, solar cells, wastewater treatment, photocatalysis, synthesis of catalytic, semi-conducting, polymeric and novel organic materials for various applications. The department is well-equipped with several sophisticated instruments such as UV-Vis Spectrophotometer, UV-Vis-NIR Spectrophotometer, HPLC, GC, Spectrofluorimeter, FT-IR, Tensile tester, Rotary Evaporator, Ultracryostat, etc. to carry out research. The department has been continuously receiving funds from funding agencies like DST, CSIR, etc. to the tune of Rs. 2.6 crores. The ultimate vision of the department is to attain the status of Excellence in Higher Education.

ABOUT THE SUMMER INTERNSHIP

- This virtual internship aims to provide a supportive environment for students to get enlightened in the various fields of chemistry.
- To provide opportunities to interact with many researchers, Industrialist and Professors from reputed institutions.
- To emphasize the use of instrumentation techniques, sample preparation and data interpretation
- To emphasize the material synthesis, characterization and learn about their novel applications virtually.
- Our mission is to provide the intern with new knowledge, new research ideas, collaborations and job opportunity which will strengthen their ability.

ALL RESOURCE PERSONS ARE HAVING RICH EXPERIENCE IN RESEARCH AND TEACHING.

THEME OF SUMMER INTERNSHIP

Our theme of the internship focuses on “virtual internships for everyone and anyone” to gather all the master students from all over the India in the field of chemistry. This internship has been planned to explore the interns in every possible fields of chemistry such as:

- Instrumentation Techniques, XRD, SEM, TEM, Raman spectroscopy, Fluorescent spectroscopy, Mass Spectroscopy and UPLC.
- Recent advances in Organic synthesis
- Materials synthesis, characterization and their emerging applications
- Current trends in Inorganic Materials
- Fundamentals of advance level Physical Chemistry
- Medicinal and Environmental Chemistry
- Providing the awareness and excitement to interns to gain knowledge and interact with the resource persons from Central, State and Private universities, NIT and IIT's, industries and other leading institutions.

ELIGIBILITY CRITERIA:

- Students who have currently studying 1st M.Sc Chemistry are encouraged to apply for this programme.
- Participants will be selected based on their UG academic grades and mark percentage.

SALIENT FEATURES

- **No registration fee**
- The programme will be conducted through online mode.
- Attendance will be strictly monitored.
- Other activities like quiz, seminar and assignments will be provided.
- Zoom and YouTube link will be sent to the registered mail id.
- Each day feedback form should be submitted.
- At the end of the programme, e-certificate will be received by the eligible students from registered e-mail id.

Why to attend?...

- Resource Persons around India can lead about chemistry.
- This is your best opportunity to reach the largest assembles of participants from the leading scientists in the field of chemistry.
- This summer internship will provide the new ideas, research topics and deep inside the field of Chemistry.
- People can be able to learn the recent techniques, developments, new updates and job opportunities in the field of chemistry.

RESOURCE PERSONS

1st July 2021



Dr. Vinod V.T. Padil
Assistant Professor
Institute for Nanomaterials,
Technical University of Liberec,
Czech Republic

2nd July 2021

Dr. Anuradha M. Ashok
Associate Professor
PSG Institute of Advance Studies,
Coimbatore



5th July 2021



Dr. P. Elumalai
Professor & Head
Pondicherry Central University
Pondicherry

6th July 2021

Dr. Krishnakumar
SSN College, Chennai



7th July 2021



Dr. M. DEVENDIRAN

Vels Institute of Science Technology and
Advanced Studies
CHENNAI-117

8th July 2021

Dr. R. Sasikumar
Assistant Professor
Madras University, Chennai



9th July 2021



Dr. A. Amal Raj
Asst. Manager R&D
Plant Lipids (P) Ltd, Cochin, Kerala

12th July 2021



Dr. Nirmala Grace
Professor & Director,
Centre for Nanotechnology Research,
VIT, Vellore

13th July 2021

Dr. E. Vaishnavi
Assistant Professor,
Sri GVG Visalakshi College,
Udumalpet, TN



14th July 2021



Dr. S.G. Ramkumar,
Assistant Professor,
Central University of Tamilnadu
Thiruvarur, TN

15th July 2021



Dr. K. Ganesan
Assistant Professor,
Presidency College, Chennai

16th July 2021

Dr. Jeyakumar Kandasamy

Associate Professor
Department of Chemistry,
IIT-BHU , Varanasi



19th July 2021



Dr. R. Selvakumar
Associate Professor
PSG Institute of Advance Studies,
Coimbatore

20th July 2021



Dr. S. Nagarajan
Assistant Professor
Department of Chemistry
National Institute of Technology
Manipur

22nd July 2021

Dr. K. MurugaPoopathi Raja
Assistant Professor and Head
Department of Chemistry
Madurai Kamaraj University, TN



23rd July 2021



Dr. V. Thiagarajan,
UGC – Assistant Professor,
Bharathidasan University,
Trichi, TN

26th July 2021



Dr. T.M. Sridhar
Head
Department of Analytical Chemistry
Madras University

27th July 2021

Dr. T. Stalin
Associate Professor
Alagappa University, TN



28th July 2021



Dr. V. RAJ
Professor & Head
Periyar University, TN

29th July 2021



Dr. M. Pramesh

Associate professor and Head
Department of Chemistry
A.V.V.M.Sri Pushpam College, Poondi, TN

30th July 2021

Dr. P. Kalimuthu

Assistant Professor
Department of Chemistry
Gandhigram Rural Institute,
Dindigul, TN



31st July 2021



Dr. V. Ganesan

Professor
Department of Chemistry
Banarus Hindu University, Varanasi

DATE – 1ST JULY – 31ST JULY 2021
TIME 4 - 6 PM

For Registration

<https://forms.gle/ecnkq1XGrHf8Cgwu9>

OR



FOR REGISTRATION

For Queries

Dr. N. VASIMALAI

E-mail: intern.summer2021@gmail.com

Mobile No: +91- 9342638691

CONVENERS



DR. D. EASWARAMOORTHY
Professor and Head
Department of Chemistry



DR. S. KUTTIRANI
Professor and Dean SPCS

CO ORDINATOR



DR. N. VASIMALAI
Assistant Professor(Sel-Gr)
Department of Chemistry