

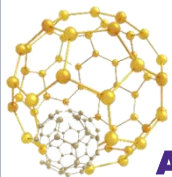


B.S. Abdur Rahman®

# Crescent

Institute of Science & Technology

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



## Department of Chemistry

Organizes

**A Three-day Hands-on Training**

on

### Synthesis,

### Characterization and Data

### Interpretation of

### Nanomaterials

**21<sup>st</sup> to 23<sup>rd</sup> January 2025**

#### About the Institute:

B.S. Abdur Rahman Crescent Institute of Science and Technology, established in 1984, is a prestigious institution situated in the lush green area of Chennai, near Tambaram. With a legacy of 40 years of excellence, the institute offers a broad range of academic programs. It offers 57 courses across 12 different schools, including 32 undergraduate programs, 25 postgraduate programs, and Ph.D. opportunities in all departments. The institution is becoming a prominent figure in higher education, known for its quality, security and strong placement support. We welcome students from around the world, and our programs are designed to provide them with the knowledge and skills needed to achieve their goals and advance on their path to success.

#### Department of Chemistry:

The Department of Chemistry was started in 1984, the same year B.S.A. Crescent Engineering College was established. The department offers a Master's program in Chemistry (M.Sc.) and a research program (Ph.D.) in Chemistry. It also supports the undergraduate programs in Science, Engineering, and Technology. Students are provided with a strong foundation in the basic principles of chemistry, applied chemistry, and environmental science, while also gaining practical laboratory skills that will aid them in their future academic and professional pursuits.

#### About the Hands-on Training

The main objective of the hands-on training is to equip participants with a comprehensive understanding of innovative synthesis methods for nanoparticles, metal oxides and nanocomposites. It also sought to create a platform for students and researchers to interact with distinguished scientists from prestigious institutions such as IIT, Anna University, and other universities. The hands-on training will also be offered in detailed sessions to familiarize participants with various analytical tools, software, and data interpretations.

#### Registration Fees\*

UG Students - ₹ 300

PG Students - ₹ 300

Research Scholars - ₹ 500

Faculties and Others - ₹ 700

(\*Spot Payment)

[Click here for Registration:](https://forms.gle/J5TgDFrnuHS3mRvFA)

[https://forms.gle/J5TgDFrnu](https://forms.gle/J5TgDFrnuHS3mRvFA)

[HS3mRvFA](https://forms.gle/J5TgDFrnuHS3mRvFA)

Limited  
Seats  
Available

#### Conveners

**Dr. I. Raja Mohammed**  
Professor & Dean  
(SPCS)

**Dr. N. Hajara Beevi**  
Professor & Head  
Department of Chemistry

**Dr. S. Kutti Rani**  
Professor & Director  
(PG Admissions)

#### Coordinators

**Dr. N. Vasimalai**  
Assistant Professor (Sel. Gr)  
Mobile No: 9884871402

**Dr. Tuhin Subhra Dash**  
Assistant Professor  
Mobile No: 8336058517

#### Lectures

**Eminent Speakers**

(From IIT, Anna  
University &  
Etc...)

#### Hands on Training for the Synthesis of Nanomaterials

- Noble Metal NPs
- Various Metal Oxide NPs
- Graphene Oxide
- Nanocomposites

#### Data Interpretations

- XPS, SEM, TEM, FT-IR, PL & UV-Vis Analysis
- Essential Tools and Software Approaches

**Hands-on Training  
of DRS-UV, FT-IR  
etc.,**

