

7th March, 2019

ABOUT THE INSTITUTION

B.S. Abdur Rahman Crescent Institute of Science and technology is a renowned Quality Leadership Institution located at the greenest spot of Chennai near Tambaram. Through our long history of 34 years of excellence, the Institution has offered access to a wide range of academic opportunities. With 48 programmes, grouped under 12 different Schools, 27 Undergraduate Programmes, 20 Postgraduate programmes, and Ph.D. (in all the departments), this institution is a rising stalwart in higher education with promising Quality, Security and Placement. We welcome students from all countries and our educational programmes are designed to equip the learners with virtual knowledge that helps them to achieve the ladder of success.

ABOUT THE PHYSICS DEPARTMENT

The Department of Physics was established in the year 1984. It offers M.Sc. and Ph.D degrees. The department has 9 faculty members all with Ph.D. qualification. Faculty members are having expertise in contemporary research areas such as Laser Technology, Nonlinear Optics, Nanomaterials, Crystal Growth, Thin Film Technology, Nonlinear Dynamics and Computational Materials Science. The department is well equipped with sophisticated instruments such as Nd: YAG laser, Pulsed Laser Deposition facility for thin films, Fluorescence Spectrophotometer, Ferroelectric loop tracer, Autoclave High Temperature furnace, Multipurpose lab station and Computational materials science

ABOUT THE PROGRAMME

The one day programme comprises of the following events

Invited Lectures

Invited Lectures will be delivered by Faculty experts from reputed Institutions

Lecture 1: Academic career opportunities after completing undergraduate (U.G) in Physics

Lecture 2: Career guidance for preparation of competitive exams like CSIR-NET/JRF, GATE, SLET, JEST, etc.,

Lab visits

All the participants will be given a chance to visit research labs in the Department and demonstration will be provided. The participants will gain exposure towards many sophisticated research facilities available in the Department.

Organized by

Department of Physics
School of Physical and Chemical Sciences
B.S. Abdur Rahman Crescent Institute of Science and Technology (BSACIST)
Chennai-600048 Tamil Nadu, India.

Oral/Poster presentation

The participants shall make Oral/Poster presentation from any one of the following topics

- Sensors and Detectors-Principle, working and applications
- Solar cells– Principle and recent advancements
- Nanoscale circuits & devices– Fabrication techniques
- LEDs and Lasers– Principle and futuristic applications
- Magnetic devices-Principle and futuristic applications
- Biophysics-Recent advancements and applications
- Superconductivity– Recent approach

Oral mode: Power Point Presentation (Two members in a team)

Poster mode: Poster size 60 × 60 cm (Two members in a team)
(10 mins presentation + 3 mins for discussion)

**(ORAL/POSTER presentation by participants is not compulsory.
Best two (Oral/Poster) presentations will be awarded)**

NO REGISTRATION FEE

Eligibility :

- B.Sc-Physics (Final/Second year) students from reputed colleges/Institutes are eligible to apply

Last date for receiving the online application is 04/03/2019

For assistance please contact:

Dr. R. Amiruddin (APCP-2019 Coordinator), AP/Physics

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To submit online application form, visit : <http://crescent.education/>