



Department of Chemistry
Organizes
Webinar Series
On
“Photovoltaics in 360”
(Design to Implementation)
02nd -06th August 2021
(4–6 PM via zoom meeting platform)

About the Webinar Series

This virtual webinar aims

❖ To provide detailed information about the Photovoltaic systems such as materials selection, synthesis, fabrication device efficiency measurements and improvement in device performance.

❖ To provide an opportunity to interact with eminent researchers from reputed institutions, who are working in the field of 'Photovoltaics'.

❖ To enlighten the upcoming researchers involving sustainable development via clean energy field and to provide them advanced novel research ideas, collaborations and funding opportunities which will strengthen their ability.

Intended Audience

Master students, Research Scholars, Faculties as well as Industrial persons who are interested and working in the field of solar energy conversion and storage.

Day 1: 02.08.2021, 4–6 PM

Molecular Design and Synthesis of Photovoltaic Materials

Speaker

Dr. P. Gopinath

Assistant Professor
Department of Chemistry
SRM Institute
Kattankulathur
Chennai

Day 2: 03.08.2021, 4–6 PM

Fabrication and Structure-Property Relationships of Dye Sensitized TiO₂ Electrodes

Speaker

Dr. A. Kathiravan

SERB Research Scientist
Vel Tech Rangarajan Dr. Sagunthala R&D
Institute of Science and Technology,
Avadi, Chennai

Day 3: 04.08.2021, 4–6 PM

Design of Organic Dyes for Optoelectronic Devices: Insights from DFT calculations.

Speaker

Dr. M. Jaccob

Assistant Professor
Department of Chemistry
Loyola College
Chennai

Day 4: 05.08.2021, 4–6 PM

Understanding the Role of CDCA in Tandem with pi-spacer in DSSC

Speaker

Dr. R. Kothandaraman, FRSc

Associate Professor
Department of Chemistry
IITM, Chennai

Day 5: 06.08.2021, 4–6 PM

**Boosting the Photoelectric Conversion
Efficiency of Photovoltaic Devices:
Role of Carbonaceous Nanomaterials**

Speaker

Dr. M. Asha Jhonsi

Assistant Professor (Sr. Gr.)
Department of Chemistry
BSACIST
Chennai

For Registration

<https://forms.gle/qXqwQXdEUnYoTzA59>

Perks of Registration

- ✓ **No registration fee**
- ✓ **E-certificate will be provided to all the participants**
- ✓ **Appreciation certificate will be awarded to top performers in E-Quiz**

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 offers M.Sc. and Ph.D. in Chemistry since 2010. It organizes National and International Conferences periodically and Conducts international and national webinars on the emerging topics. PG. Students are trained to conduct events via Alkemia association to enhance their inter personal skills. Further they are encouraged to involve in extracurricular and social empowering activities. h-index of the department is 25 & citation 1949.

Conveners

Dr. S. KUTTI RANI
PROFESSOR & DEAN
(SPCS)

Dr. D. EASWARAMOORTHY
PROFESSOR & HEAD
(Department of Chemistry)

Co-ordinator
Dr. M. Asha Jhonsi
AP (Sr. Gr.)/Chemistry

Contact

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