



B.S. Abdur Rahman™

**Crescent**  
Institute of Science & Technology

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



NAAC A+ 2023



**nirf**

2023  
Engg: 101-160  
Mgmt: 101-125  
Univ: 151-200

THE IMPACT RANKINGS

SDG 4: 37 | SDG 6: 29  
SDG 7: 13 | SDG 17: 101-200  
Overall: 101-300



QS WORLD UNIVERSITY RANKINGS  
QS Asia University Ranking 2024:  
Asia: 80+  
Southern Asia: 258



Diamond

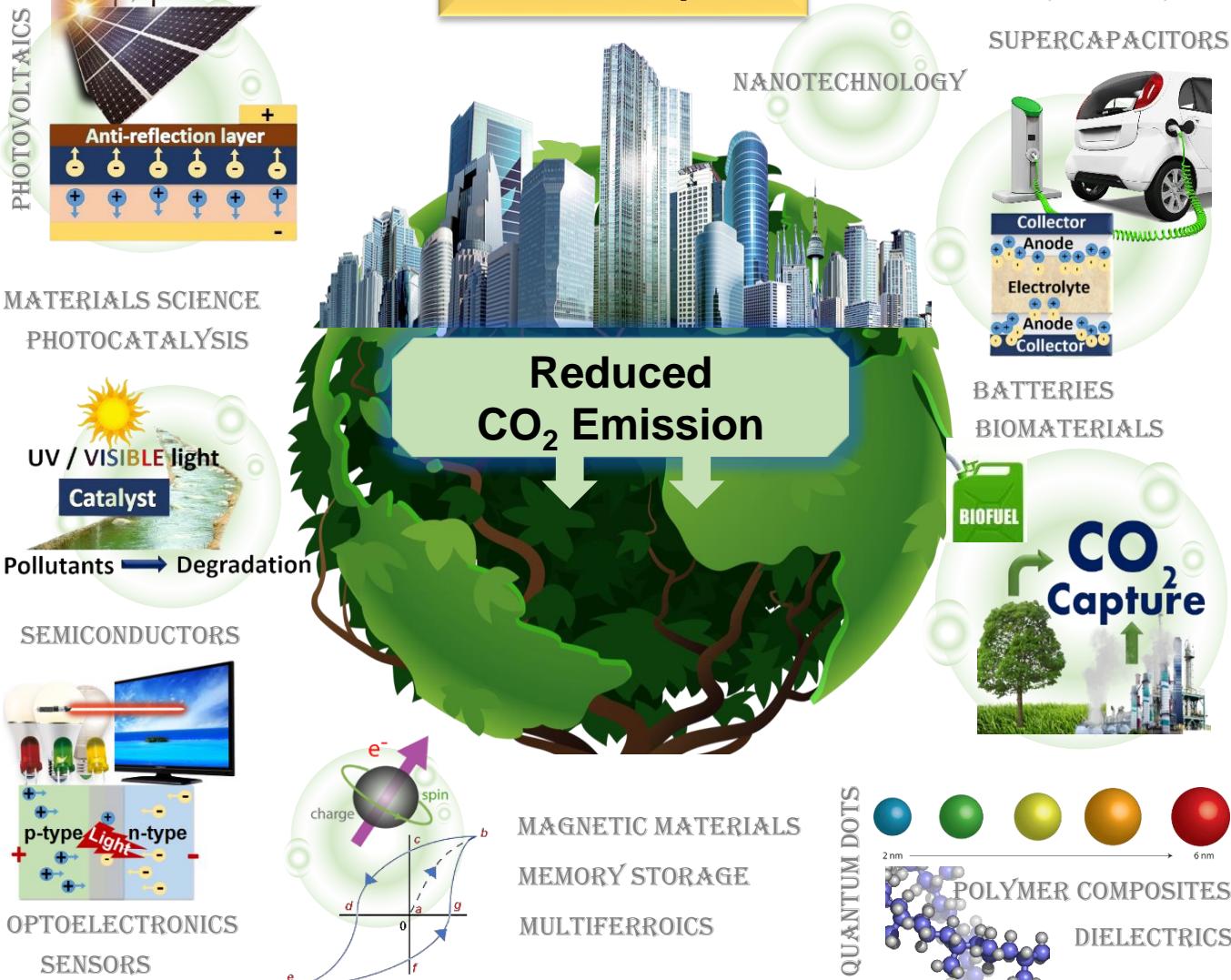
TNSCST Sponsored

## International Conference on

# Smart Materials for Green Energy & Environmental Sustainability (SMaGEES – 2024)

11<sup>th</sup> & 12<sup>th</sup> December 2024

### Call for Papers



*Organized by*  
**School of Physical and Chemical Sciences**  
 B.S. Abdur Rahman Crescent Institute of  
 Science and Technology, Chennai-600048  
 Tamil Nadu, India.

<https://crescent.education/smagees2024/>

SMaGEES 2024





TNSCST Sponsored  
**International Conference on**

**Smart Materials for Green Energy & Environmental Sustainability (SMaGEES – 2024)**

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**About the Institute**

B.S. Abdur Rahman Crescent Institute of Science and Technology (BSACIST) is a 40 year old renowned quality leadership Higher Education Institution located at the greenest spot of Chennai near Tambaram. In addition to various academic programmes, the Institute offers a wide range of research opportunities through **12 schools** and **23 departments** with promising quality and recognized with the **h-index 84** and overall **citations 43000+**. The Institute encourages both fundamental and application oriented research in thrust areas for the benefit of our country and society.

**CHIEF PATRONS**

**Mr. BSA Arif Buhary Rahman**

President

**Mrs.Qurrath Jameela**

Chancellor

**Mr. Abdul Qadir Abdul Rahman**

Buhari

Pro-Chancellor

**PATRONS**

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Vice-Chancellor

**Dr.N. Thajuddin**

Pro-Vice Chancellor

**Dr.N. Raja Hussain**

Registrar

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Professor & Dean (SPCS)

**Dr.G.V. Vijayaraghavan**

Professor & Head (Physics)

**Dr.N. Hajara Beevi**

Professor & Head (Chemistry)

**COORDINATORS**

**Dr. M.Mohamed Sheik**

Sirajudeen

Associate Professor (Physics)

**Dr.M. Asha Jhonsi**

Associate Professor (Chemistry)

**About the School of Physical and Chemical Sciences**

School of Physical and Chemical Sciences comprises of two departments: Department of Physics and Chemistry. All the faculty members in both the departments hold profound academic and research experience through individual and collaborative research work supported by various national and international level funded projects. The school offers **both M.Sc and PhD programmes** facilitated with high end sophisticated equipment for research in smart materials towards the energy, environment and sustainability.

**Major research facilities available in the School**

- Q Switched Nd:YAG laser
- Vacuum coating unit
- Impedance Analyzer
- PE loop tracer
- Multipurpose Lab Station
- Thermogravimetric analyzer
- High-Performance Liquid Chromatography
- Electrochemical Analyzer
- DRS UV-Visible Spectrophotometer
- FluoroMax Fluorimeter
- Photoreactor
- FT-Infrared Spectrometer
- Gas Chromatography
- LCR & Polarimeter

**Original research articles are invited for presentation in any of the following topics (but not limited to):**

- Advancement in nanoscience and nanomaterials
- Semiconductors and thin films
- Biomaterials
- Magnetic and spintronic materials
- Photovoltaic materials
- Optoelectronic materials & devices
- Polymer composites
- Multiferroics
- Materials for corrosion protection
- Waste water treatment
- Photocatalysis
- Dielectric materials
- Quantum dots & applications
- Computational materials science
- Sensors
- Hydrogen and fuel Cells
- Energy storage materials
- Catalytic functionalization

**Registration fees**

Students (U.G / P.G)	Rs. 1000/-
Research scholars	Rs. 1500/-
Faculty members / Scientists	Rs. 2000/-
Industry Participants	Rs. 3000/-
Delegates Outside India	USD 40

**Note:**

- Registration fees includes Conference kit, lunch and refreshments.
- Accommodation will be arranged on additional payment with prior request.



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Univ: 151-200SDG 4: 37 | SDG 6: 29  
SDG 7: 13 | SDG 17: 101-200  
Overall: 101-300India: 58 | Engg: 1001+  
Mgmt: 501-600  
Univ: 1201-1500  
Asia: 801+  
Southern Asia: 258

Diamond

40 YEARS OF  
ACADEMIC  
EXCELLENCE

## International Conference on

# Smart Materials for Green Energy & Environmental Sustainability (SMaGEES – 2024)

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### International Advisory Committee

Prof. Udo Schwingenschlögl, KAUST, Saudi Arabia.  
 Prof. Chung-Li Dong, Tamkang University, Taiwan  
 Prof. Muthupandian Ashokkumar, University of Melbourne, Australia.  
 Prof. Detlef Bahnemann, Leibniz Universität Hannover, Germany.  
 Prof. Mohamad Hafiz Mamat, Universiti Teknologi MARA, Malaysia.  
 Prof. Mohamed Henini, University of Nottingham, United Kingdom.  
 Dr. J.M. Huijser, University of Twente, The Netherlands  
 Dr. Veerappan Mani, University of Strathclyde, United Kingdom

### National Advisory Committee

Prof. P.Ramasamy, SSN College of Engineering, Chennai.  
 Prof. N.Vijayan, National Physical Laboratory, New Delhi.  
 Prof. B.R.K Nanda, IIT-Madras, Chennai.  
 Prof. R. Kothandaraman, IIT-Madras, Chennai.  
 Prof. Aftab Alam, IIT-Bombay, Mumbai.  
 Prof. Dinesh Chandra Gupta, Jiwaji University, Gwalior.  
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 Prof. Marappan Velusamy, North Eastern Hill University, Meghalaya.  
 Prof. Swati De, University of Kalyani, Nadia, West Bengal.  
 Prof. S. Anandan, NIT Trichy, Tiruchirappalli  
 Prof. P. Ravindran, Central University of Tamil Nadu, Tiruvarur.  
 Prof. Sharat Chandra, Homi Bhabha National Institute, Mumbai.  
 Prof. A. Kathiravan, Vel Tech, Chennai  
 Dr. Sivakumar Vaidyanathan, IIT Hyderabad, Telangana.  
 Dr. D. Kalpana, CSIR-CECRI, Madras Complex, Chennai.  
 Dr. M Kathiresan, CSIR- CECRI, Karaikudi.  
 Dr. Srinivasan Anandan, ARCI, Hyderabad.  
 Dr. S. Eswaramoorthi, CSIR CLRI, Chennai.

### Local Advisory Committee

Dr. S. Kutti Rani, Professor (Chemistry) & Director (PG Admissions)  
 Dr. S. Bhagavathy, Professor (Chemistry)  
 Dr. S. Sathik Basha, Professor (Physics)  
 Dr. Revathi Purushothaman, Professor (Chemistry)

### Institute Organizing Committee

Dr. A.Shajahan, Associate Professor  
 Dr. Swapan Kumar Das, Associate Professor  
 Dr. J. Herbert Mabel, Associate Professor  
 Dr. M.Vajjiravel, Associate Professor  
 Dr. Noor Aman Ahrar Mundari, Associate Professor  
 Dr. K. Karthikeyan, Associate Professor  
 Dr. R.Indrajith , Associate Professor  
 Dr. N.Vasimalai, Assistant Professor (Sel. Gr.)  
 Dr. R. Amiruddin, Assistant Professor (Sr. Gr.)  
 Dr. M. Vijayajayanthi, Assistant Professor (Sr. Gr.)  
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 Dr. S. Aravindhan, Assistant Professor  
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 Dr. E.A.K. Nivethaa, Assistant Professor  
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 Dr. J. Sivasankari, Assistant Professor  
 Dr.T. Kamalesh, Assistant Professor  
 Dr. K. Vinisha Rani, Assistant Professor  
 Dr. R Rizwana, Assistant Professor  
 Dr. T. Anusuya, Assistant Professor

### Who can participate?

- Faculty Researchers, Research scholars, UG / PG Students from reputed Institutions.
- Scientists from R & D labs.
- Working Professionals from Industry.

### Proceedings & Full-length papers

- The shortlisted abstracts will be published as **conference proceedings with ISBN**.
- Best oral and Poster** presentations will be awarded.
- The selected peer-reviewed **full-length papers** will be published in **any one** of the following conference proceedings.

**AIP Conference Proceedings**

**materialstoday: IOP Conference Series**  
**PROCEEDINGS** Materials Science and Engineering  
**Important Dates**

Abstract submission	20 <sup>th</sup> Nov. 2024
Notification of acceptance	30 <sup>th</sup> Nov. 2024
Registration and Payment of Fees	30 <sup>th</sup> Nov. 2024
Full-length article submission	05 <sup>th</sup> Dec. 2024

[Registration link](#)

[SMaGEES 2024](#)



### Contact

#### Coordinators - SMaGEES 2024

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<https://crescent.education/smagees2024>

