

ABOUT THE COLLEGE

Ethiraj College for Women was founded by the illustrious Barrister - at - Law, Thiru V.L. Ethiraj in 1948. The college is one of the select colleges in India recognized with the award of "College with Potential for Excellence". A premier institution dedicated to the cause of women's education, the College was ranked number one in the Internal Quality Audit conducted by IQAC of the University of Madras in 2005. The College was re-accredited with the highest grade 'A', by NAAC in 2013. The College is awarded the 46th rank at the All India level by the National Institutional Ranking Frame Work by the Ministry of Human Resources Development, 2019-2020. The College enjoys the pride of 30 UG courses, 22 PG courses, including AICTE approved MBA and MCA, 21 Research Programmes M.Phil and Ph.D and several Certificate Courses for around 9000 students.

ABOUT THE DEPARTMENT

The Department of Physics has worked unceasingly towards its upgradation since its inception in 1948. With the introduction of post graduate degree course in 2004 and M.Phil course in 2009, research activities in various fields of Physics. The department has currently progressed to being a full-fledged research department by offering the Ph.D programme from 2017. The Astronomy Club affiliated to Vigyan Prasar, Network of Science Clubs VIPNET, is under the auspices of the department caters to the astronomical interests of the students.

ABOUT THE WORKSHOP

The Department of Physics, is organizing an Two Day International Workshop on "Nanomaterials for Clean Energy & Space Astronomy," on 22-23 February 2022 in virtual mode. With increasing need for sustainable energy and cleaner environment, the demand for relevant nanomaterials has increased.

IWNCESA - 2022

Contact

Nanomaterials play a vital role in increasing the efficiency of the energy storage and conversion processes. Several mechanisms by the integration of nanomaterials can improve the energy consumption in an enhanced form. The Workshop would provide a multifaceted and profound experience in modern astronomy.

ABOUT THE INDIAN SCIENCE CONGRESS ASSOCIATION

The Indian Science Congress Association was formed to advance and promote the cause of Science in India. The association is a premier scientific organization of India with headquarters at Kolkata, West Bengal. The association started in the year 1914 in Kolkata and it meets annually in the first week of January. The Indian Science Congress Association celebrated its Hundredth year of its inception in 2nd June 2012 and the Centenary Session was held at Kolkata in 2013 under the Presidentship of Dr. Manmohan Singh, Honourable Prime Minister of India. ISCA started regional Chapters from 1986-87 in different places in India. The major objective of the ISCA is to inculcate the scientific temper among the people and to encourage young scientists to grow up steadily in the scientific direction.

- **No individual registration fee.**
- **E-certificates** will be issued to all the participants after the successful submission of the feedback form.

Register at:

<https://forms.gle/kpXr9Yr9Pc4zuzmS8>

For more information :

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ETHIRAJ COLLEGE FOR WOMEN
(AUTONOMOUS)



College with Potential for Excellence
Chennai - 600 008, Tamil Nadu, India

Two Day International Workshop on NANOMATERIALS FOR CLEAN ENERGY & SPACE ASTRONOMY (IWNCESA - 2022)

22-23 FEBRUARY 2022

Organized by

DEPARTMENT OF PHYSICS
&
ETHIRAJ COLLEGE ASTRONOMY CLUB



ETHIRAJ COLLEGE FOR WOMEN (AUTONOMOUS)
CHENNAI - 600 008, TAMIL NADU, INDIA

In association with
THE INDIAN SCIENCE CONGRESS
ASSOCIATION
CHENNAI CHAPTER, TAMILNADU, INDIA

Invited speakers

Prof. Satheesh Krishnamurthy

FRSC, FIMMM
Chair of Energy Technology,
School of Engineering & Innovation,
The Open University, Peterborough, UK



Prof. Raja Mohan

Research Professor
University of Ulsan
Ulsan, South Korea



Prof. Jayant Murthy

Senior Professor
Indian Institute of Astrophysics
Bangalore, India



Dr. Ramya Rajaram

Research Professional
Clinical Colaborations Hoffman
Estates illionis,
United States



Dr. Samuel Paul David

Senior Researcher
HiLASE Centre, Institute of Physics
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Czech Republic.



Dr. Bibin John

Scientist,
Energy Systems Development
Division,
Vikram Sarabhai Space Centre,
Thiruvananthapuram



INWCESA - 2022
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PATRON Prof. S. Kothai

Principal and Secretary
Ethiraj College for Women, (Autonomous),
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