

## ORGANISING COMMITTEE

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Dr. G. Bhavani

Professor / Physics

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Associate Professor / Chemistry

Dr. R. Senjudarvannan

Professor / Physics



## ABOUT CSIR

The Council of Scientific & Industrial Research (CSIR), known for its cutting edge R&D knowledge base in diverse S&T areas, is a contemporary R&D organization. CSIR has a dynamic network of 37 national laboratories, 39 outreach centers, 3 Innovation Complexes, and five units with a pan-India presence. CSIR's R&D expertise and experience are embodied in about 3460 active scientists supported by about 4350 scientific and technical personnel as of June 2021.

Pioneer of India's intellectual property movement, CSIR today is strengthening its patent portfolio to carve out global niches for the country in select technology domains. CSIR filed about 225 Indian patents and 250 foreign patents per year during 2015-20. CSIR has a patent portfolio of 1,132 unique patents in force, out of which 140 patents have been commercialized. CSIR also has 2,587 in force patents granted abroad in multiple countries.

CSIR has pursued cutting-edge science and advanced knowledge frontiers. In 2019, CSIR published 5009 papers in SCI Journals with an average impact factor per paper of 3.714.

CSIR is ranked 37th among 1587 government institutions worldwide and is the only Indian organization among the top 100 global government institutions, according to the Scimago Institutions Ranking World Report 2021. CSIR holds the 7th rank in Asia and leads the country at the first position.



## Jansons Institute of Technology,

(Accredited by NAAC, Certified by ISO,  
Approved by AICTE & Affiliated to  
Anna University, Chennai)

Karumathampatti, Coimbatore – 641659,  
Tamilnadu, India.



CSIR Sponsored

One day National Seminar on

**SUSTAINABLE DEVELOPMENT –  
NEED OF THE HOUR (NSSD~ 2022)**

June 3<sup>rd</sup>, 2022

Organized by

Department of Science and Humanities

Jansons Institute of Technology,  
Karumathampatti, Coimbatore-641659  
Tamil Nadu, India

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## ABOUT THE INSTITUTION

Jansons Institute of Technology (JIT) is a NAAC accredited, ISO certified world class Engineering College having a vision of being in the forefront of technical education and research worldwide. JIT is the second venture of the Jansons Foundation in the field of education. JIT offers Bachelor's Degree programmes in AI & DS, CSE, ECE, EEE, Mechanical Engineering and Civil Engineering in its most modern state of the art campus located 25 km away from Coimbatore on the Coimbatore - Chennai National Highway in Tamil Nadu. JIT has been promoted by the Jansons Business Group, a textile major with significant presence in granites and health care. JIT is approved by All India Council for Technical Education (AICTE) and the Government of Tamil Nadu and is affiliated to Anna University, Chennai.

JIT, guided by its motto, "the most preferred destination for technical education", takes every effort to create infinite opportunities to the students for their professional development. What sets apart JIT is its world class infrastructure coupled with the best teaching practices of its highly qualified and experienced faculty.

JIT has been organizing National level Workshops and Seminars sponsored by **CSIR, ICMR, INSA** and **NBHM**.

## ABOUT THE DEPARTMENT

The Department comprises of four major disciplines such as Physics, Chemistry, Mathematics and English. The pivotal focus is to provide pedestal in basic sciences that acts as a foundation for engineering subjects.

Our Science and Language laboratories are well equipped for catering the academic needs as well academic research interest of young minds. The Department has highly qualified and well experienced faculty members with 9 Ph.D.'s in the research areas of Adsorption science, Solid waste management, Organic synthesis, Inorganic complexes, Photovoltaic cell, Nanomaterial synthesis, Non-linear dynamics, Queuing theory and Applied Mathematics.

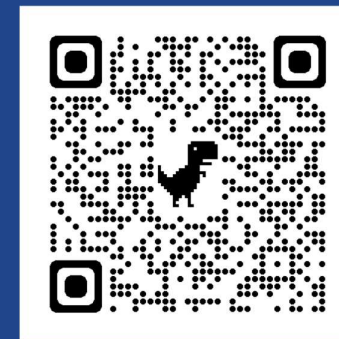
## **OBJECTIVE**

Sustainable development promotes efficiency and enhances the quality of life. This seminar aims to create awareness among the young generation about the clean India for green future. The scope of the seminar is to

- Create a forum where researchers of common field meet and share
- Know the global trend of energy issues
- Identify an alternate solution for current issues
- Create knowledge about clean development mechanism
- Educate the various UN-SDG goals among young minds

## REGISTRATION FORM

Google form:  
<https://forms.gle/cxpcWYTLouSSYqLg7>



Last date for Registration: **27.05.2022**  
Registration fee : **Rs.100**

(Registraton Fee will be collected in person only)

## **Details of Resource persons**

**Session 1:SDG goals and what can be done to achieve the SDG by individuals & institutions**

**Speaker :Dr. M. Dwarakanath, Expert Member, TFACR&D Committee, MOEF&CC, GOI, Former Director, DSTE cum Member Secy, PPCC, Government of Puducherry / Government of Delhi.**

**Session 2:Clean Development Mechanism– Air Pollution control measures – An overview**

**Speaker:Dr. A. Manisekar, Scientist, Tamilnadu Pollution Control Board, Coimbatore- 641030**

**Session 3: Renewable Energy for Future India**

**Speaker:Dr. G.Hiran Kumar, Professor /Physics, Ramakrishna Mission Vivekananda College, Mylapore, Chennai - 04**