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Dr. V. P. Radha
Associate Professor / Chemistry

ORGANIZING SECRETARY

Dr. P. Meena Sundari
Professor & Head / Chemistry

ORGANIZING COMMITTEE

Dr. M. V. Sureshkumar
Professor / Chemistry

Dr. S. Supriya
Professor / Chemistry

Dr. K. Senthamil Selvan
Associate Professor / Chemistry

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

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC & An ISO 9001 : 2015 Certified Institution
Coimbatore, Tamil Nadu- 641 659



Council of Scientific & Industrial Research
(CSIR) Sponsored

One Day National Seminar

on

Challenges and Prospects on Water, Waste and Energy Management

(WWEM - 2022)

25th August 2022

Organized by

Department of Science and Humanities

Jansons Institute of Technology,
Coimbatore, Tamil Nadu, India

Mobile: 9095551473, 9487567568

E-mail : chemistry@jit.ac.in



ABOUT THE INSTITUTION

Jansons Institute of Technology (JIT) is a 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 CSE, ECE, EEE, Mechanical Engg, Civil Engg, Artificial Intelligence and Data Science 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, 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.

ABOUT THE DEPARTMENT

The department comprises of four major disciplines such as Physics, Chemistry, Mathematics and English. The pivotal focus is to provide knowledge in basic sciences that acts as a basic for engineering subjects. Our laboratories are well equipped for catering the needs of young minds. The department has highly qualified faculty members with sound research knowledge and experience.

ABOUT THE SEMINAR

Enhanced living standard increase the demand for resources. As the sources of water and energy are limited efficient usage is required for future development. A more efficient use of energy as well as water has become one of the most important premises for sustainable development. Waste management is the need of the hour to prevent pollution in urban areas. The integrated resource and waste management technologies need to be adopted for better resource and waste management.

The seminar aims to cover some important lectures by invited delegates, on water, waste and energy management techniques.

ELIGIBILITY

Faculty members and students from UGC and AICTE approved institutions and industry personnel with relevant backgrounds in Basic Sciences / Engineering disciplines are eligible for the programme.

REGISTRATION FEE

Industrial Delegates/others : Rs.500/-

Academicians : Rs.250/-

Research Scholars/Students: Rs.100/-

Last Date for Registration : 20.8.2022

RESOURCE PERSONS

TITLE

BEST ENVIRONMENT PRACTICES FOR WASTE MANAGEMENT

Dr. K. Kadirvelu

**DRDO Coordinator & Joint Director
DRDO - BU Center for Life Sciences,
Bharathiar University Campus,
Coimbatore.**

TITLE

SMART ENERGY MANAGEMENT THROUGH RENEWABLE ENERGY TECHNOLOGIES

Dr. C. Viswanathan

**Professor
Dept. of Nano Technology
Bharathiar University,
Coimbatore.**

TITLE

INNOVATIONS AND NEW TECHNOLOGIES FOR WASTE WATER RECYCLING

Dr. N. Muthulakshmi Andal

**Assistant Professor
Department of Chemistry
PSGR Krishnammal College for women,
Peelamedu, Coimbatore.**

REGISTRATION LINK



<https://forms.gle/zf4XaXFm2VSy2ykG9>

(Registration Fee will be collected in person only)



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Department of Science and Humanities Organizes

CSIR Sponsored One Day National Seminar on
"Challenges and Prospects on Water, Waste and Energy Management"



Dr. K. Kadirvelu

DRDO Coordinator & Joint Director
DRDO - BU Center for Life Sciences,
Bharathiar University Campus, Coimbatore.

Title : Best Environment Practices For Waste Management



Dr. C. Viswanathan

Professor

Dept. of Nano Technology, Bharathiar University, Coimbatore.

Title : Smart Energy Management Through Renewable Energy Technologies



Dr. N. Muthulakshmi Andal

Assistant Professor

Department of Chemistry, PSGR Krishnammal College for women, Coimbatore.

Title : Innovations And New Technologies For Waste Water Recycling



Sivaganga Auditorium



25th August 2022

Registration Link:

<https://forms.gle/zf4XaXFm2VSy2ykG9>

Convenor

: **Dr. V. P. Radha**, Associate Professor / Chemistry

Organizing Secretary

: **Dr. P. Meena Sundari**, Professor & Head / Chemistry





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Tamilnadu, India.



CSIR Sponsored

**One day National Seminar on
CHALLENGES AND PROSPECTS ON WATER, WASTE AND ENERGY
MANAGEMENT (WWEM-2022)**

Programme Schedule

Time	Event
10.30am – 11:15am	Inauguration
11:15am – 12:00noon	Title: Best Environment Practices for waste management Speaker: Dr.K.Kadirvelu, Scientist 'F' & OiC, DRDO-BU Center for Life Sciences, Ministry of Defence, Govt. of India, Bharathiar University Campus,Coimbatore.
12:00 noon -12:15pm	Tea break
12:15pm – 1:15pm	Title: Smart energy management through renewable energy technologies Speaker: Dr.C. Viswanathan Professor Dept. of Nano Technology Bharathiar University, Coimbatore
1:15pm – 2:30pm	Lunch
2:30pm – 3:30pm	Title: Innovations and new technologies for waste water recycling Speaker: Dr. N. MuthulakshmiAndal Assistant professor Department of Chemistry PSGR Krishnammal College for Women
3:30pm – 3:45pm	Tea Break
3:45pm – 4:00pm	Valedictory Function



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CSIR Sponsored

One day National Seminar on *CHALLENGES AND PROSPECTS ON WATER, WASTE AND ENERGY MANAGEMENT (WWEM-2022)*

VENUE: SIVAGANGA AUDITORIUM

DATE: 25/8/22

AGENDA

10:30 a.m.	Inauguration	
10:40 a.m.	Welcome address	Dr.P.Meenasundari Professor & Head, Dept. of Chemistry, JIT
10:45 a.m.	Presidential Address	Dr. M.V. Sureshkumar Director – Administration, JIT
11:00 a.m.	Inaugural Address By the Chief Guest	Dr.K. Kadirvelu Scientist 'F' & OiC, DRDO-BU Center for Life Sciences, Ministry of Defence, Govt. of India, Bharathiar University Campus,Coimbatore.
11:15 a.m.	Keynote Address 1	Dr.K. Kadirvelu DRDO Coordinator & Joint Director, DRDO-BU Center for Life Sciences, Ministry of Defence, Govt. of India, Bharathiar University Campus,Coimbatore.
12:00 noon.	Tea Break	
12:15 a.m.	Keynote Address 2	Dr.C. Viswanathan Professor, Dept. of Nano Technology, Bharathiar University, Coimbatore.
1:15 p.m.	Lunch break	
2:30 p.m.	Keynote Address 3	Dr. N. MuthulakshmiAndal Assistant Professor, Dept. of Chemistry, PSGRKCW, Coimbatore.
3:30 p.m.	Tea Break	
3:45 p.m.	Valedictory function	