



JANSONS INSTITUTE OF TECHNOLOGY

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Approved by AICTE & Affiliated to Anna University, Chennai
Karumathampatti, Coimbatore – 641659,
Tamilnadu, India.



Brief Report on CSIR Sponsored

One day National Seminar on

CHALLENGES AND PROSPECTS ON WATER, WASTE AND ENERGY MANAGEMENT (WWEM-2022)

CSIR sponsored national seminar on Challenges and Prospects on Water, Waste and Energy Management (WWEM – 2022) was conducted by the Department of Science and Humanities, on 25.08.2022 at Sivaganga Auditorium in Jansons Institute of Technology, Coimbatore.

We approached CSIR for funding in the month of April 2022 and it was granted in the month of July 2022 (**Ref No. SYM/10841/22-HRD**). The seminar was conducted on date as proposed on 25.08.2022.

Brochure was sent to various colleges and universities and it was also posted in various social media platforms. We received 236 online enrolments from various institutions in and around Tamilnadu. 57 students and 12 faculty members from various institutions participated in the seminar. 124 students and 28 faculties from the host institution took part in the seminar. Around 221 participants got benefitted by the seminar.

The seminar began at 10:30 am with the inauguration. Dr. P. Meena Sundari, Head of the department of Chemistry, welcomed the gathering. The delegates were honored with a memento by Dr. S. Elangovan, Vice Principal. Dr. M.V. Sureshkumar, Director – Administrations gave the presidential address. 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 delivered the Inaugural address. He explained various projects undertaken by DRDO for the benefit of the civilians working at high altitude.

The first technical session began at 11:15am. The keynote address for the session was given by Dr. K.Kadirvelu, Scientist – ‘F’ & OiC, DRDO-BU Center for Life Sciences, Ministry of Defence, Govt. of India, Bharathiar University Campus, Coimbatore on the title “**Best Environment Practices for waste management**”. He enlightened the participants on various methods that should be adopted for waste management in the future. The participants departed for tea by 12:15 pm.

The second session began at 12:30 pm. The keynote address for the session was given by Dr. C.Viswanathan, Professor, Department of Nano technology, Bharathiar University, Coimbatore. He delivered his speech on the title “**Smart energy management through renewable energy technologies**”. He inculcated in the mind of participants, the applications of nanomaterial to enhance the properties of the materials which can be used for renewable energy generation. He presented on the future smart energy techniques to be adopted for energy management. The participants departed for lunch by 1:30 pm.

The third session began at 2:30 pm. The keynote address was given by Dr.N. Muthulakshmi Andal, Assistant Professor, Department of Chemistry, PSGR Krishnammal college for women, Coimbatore. She presented the keynote speech on the topic “**Innovations and new technologies for waste water recycling**”. She enlightened the participants on various waste water recycling techniques and the smart materials used for recycling waste water from industries.

The students conveyed their feedback on the seminar. The certificates for the participants were distributed. The report of the seminar and the vote of thanks was delivered by Dr. V.P. Radha, Associate Professor, Department of Chemistry. The event came to an end with National Anthem.



Arrival of the chief guests



Inauguration of the seminar



Keynote address by Dr.K.Kadirvelu Scientist – ‘F’ & OiC, DRDO-BU Center for Life Sciences, Ministry of Defence, Govt. of India, Bharathiar University Campus, Coimbatore



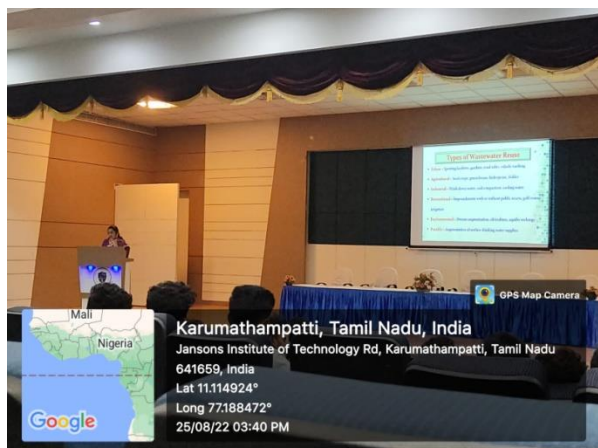
Keynote address on “Best Environment Practices for waste management” by Dr.K.Kadirvelu



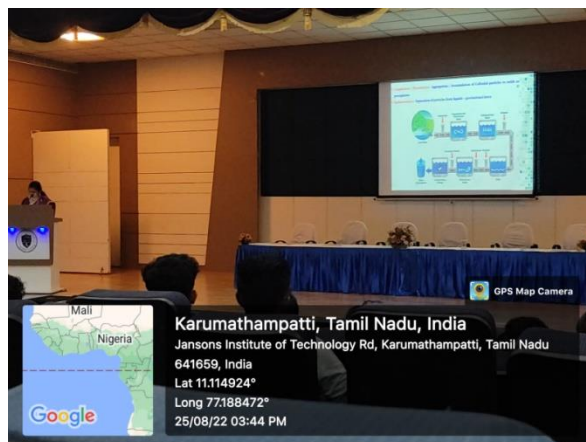
Keynote address by Dr. C.Viswanathan, Professor, Department of Nano technology, Bharathiar University, Coimbatore



Keynote address on “Smart energy management through renewable energy technologies” by Dr. C.Viswanathan



**Keynote address by Dr.N. Muthulakshmi Andal,
Assistant Professor, Department of Chemistry,
PSGR Krishnammal college for women,
Coimbatore**



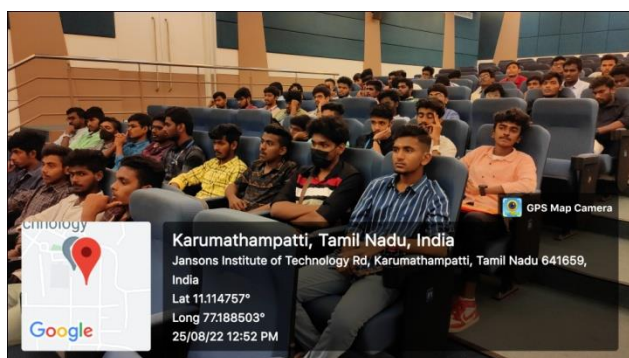
**Keynote address on “Innovations and new
technologies for waste water recycling” by
Dr.N. Muthulakshmi Andal**



Valedictory function



Certificate distribution



Participants attending the seminar



Participants attending the seminar