

ANNAMALAI UNIVERSITY



RUSA2.0sponsored
Two days National Workshop on
Waste to Values: Opportunities and Challenges.
(V2V2022)

22nd & 23rd September 2022

Registration Form

Name :

Designation :

Department :

Institution :

Address
for Communication :

Contact Number :

E-Mail :

Category : Academic/Industry/ Research Scholar/
Project Fellow / UG & PGstudents

Accommodation : Required/Not Required

Type of Accommodation : Hostel/Guest house/Hotels

Details of Registration Fee

Amount : DD No :

Date : Bank Name :

Declaration by Participant

Accommodation: On campus, limited accommodation is available at the University hostels / Guest house on sharing basis @ Rs 600/-per day (2 Persons, Non AC), Rs 1200/- per day (3Persons, AC) will be allotted based on first come first served basis. Participants willing to avail this facility may contact the organizing secretary through email at the earliest.

Place :

Date:

Signature

Organising Committee

Chief Patron

Prof.RM.KATHIRESAN, Ph.D., D.Sc.,
Vice-Chancellor
Annamalai University

Patron

Dr.K.SEETHARAMAN, Ph.D.,
Registrar i/c,
Annamalai University

President

Dr.A.MURUGAPPAN, Ph.D
Dean, FEAT,
Annamalai University

Conveners

Dr.S.VAIDYANATHAN, Ph.D.,
Prof & Head
Department of Mechanical Engineering,
Annamalai University.

Dr. C.G.SARAVANAN, Ph.D.,
Prof & Director
Diploma in Mining Engineering,
Annamalai University.

Organising Secretaries

Dr.D. KARTHIKEYAN

&

Dr.S. SARAVANAN

Associate Professors,
Department of Mechanical Engineering,
Annamalai University.

ADDRESS FOR COMMUNICATION

Dr.D. Karthikeyan / Dr.S. Saravanan

Department of Mechanical Engineering
Faculty of Engineering and Technology,
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"Often when you think you're at the end of something, you're at the beginning of something else."



ANNAMALAI UNIVERSITY

(Accredited with 'A+' Grade by NAAC)

Rashtriya Uchchar Shiksha Abhiyan
(RUSA)2.0 Sponsored

Two days National Workshop on
Waste to Values: Opportunities
and Challenges. (V2V2022)

22nd & 23rd SEPTEMBER 2022



Organized by

DEPARTMENT OF MECHANICAL ENGINEERING

(B.E. Degree Programme Accredited by NBA)

FACULTY OF ENGINEERING AND TECHNOLOGY

ANNAMALAI UNIVERSITY

Annamalainagar-608002

Chidambaram, Tamilnadu

ABOUT ANNAMALAI UNIVERSITY

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A+' Grade by NAAC in 2022. In 2020, NIRF (National institutional ranking frame work) of the Ministry of Human Resource Development, Government of India ranked Annamalai University, category wise as 101-150 band (overall), 12th (Pharmacy) and 35th (Medical). In 2021, Times Higher Education World University ranking placed Annamalai university at 1000+ (overall), 601 (clinical and health subjects), 801-1000 band (Engineering sciences) and 1000 plus (Physical sciences). In 2021, U.K. based Quacquarelli Symonds (QS) company has placed Annamalai university at 301- 350 band (Asia) and 39 (India). In 2019, centre for Science and Technology studies of Leiden University in Netherlands (CWTS), ranked Annamalai University as 23rd (Number of publications) and 7th (frequency of citation). In 2019, Scimago, a research group working on scientific influences in University of Granada, Madrid in Spain ranked Annamalai university as 29th (India) and 9th (Tamilnadu). Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 55 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering Annamalai University made pioneering and significant

contributions in the thrust areas like alternative fuels, IC engine emission control, heat transfer, solar energy and refrigeration. Many STTP, FDP, National level seminars and workshop have been organized in the past. Various R&D project works are completed and few are under progress with financial aid from reputed funding agencies. Well-equipped laboratories are offering practical courses and experimental facilities for research. The department offers under graduate, post graduate, and doctoral programs. The Department is DST- FIST funded one. In collaboration with M/s NLCIL, Neyveli, a Diploma in Mining Engineering Programme is being offered.

VISION OF THE DEPARTMENT

The Mechanical Engineering Department endeavors to be recognized globally for outstanding education and research leading to well-qualified engineers, who are innovative, entrepreneurial and successful in advanced fields of Mechanical Engineering to cater to the ever changing industrial demands and social needs.

ABOUT THE WORKSHOP

Waste is any by product that the owner, producer, or processor does not require. Waste is typically defined as a product that has reached the end of its useful life and needs to be disposed of. Anything that is undesired or unusable is considered as waste or garbage for common man. However, according to science, there is no such thing as waste. The fundamental determining factor in the current situation is intelligent waste management, which comprises of processing and recycling adopting cutting-edge technologies.

Management of waste is a major challenge in India. It is also one of the sustainable energy generation resources and has the potential to improve the economy of the country. Researchers are working on developing some waste-to-value initiatives to facilitate better policy and waste management practices that combine environmental and human health protection while leveraging economic and strategic advances, given the critical importance of focusing on the issue and realizing the economic potential that waste can generate.

The objectives of this workshop are as follows:

- To create awareness on the various opportunities and challenges in waste to value.
- To create awareness and to provide training of academia, industrial and students to share their perspectives and solutions in conversion of waste to value.
- To provide hands on training in waste to value conversion at M/S NLCIL, Neyveli, thereby enhancing the skill of the stakeholders.

WORKSHOP THEME

- Waste to wealth pertaining to PVC Industry
- Production of composite materials from waste
- Conversion of industrial fly ash into zeolite
- Manufacture of fly ash bricks
- Utilization of bio-residues
- Methanol production from biomass



IMPORTANT DATES

Registration last Date	17-09-2022
Intimation to Participant	20-09-2022

REGISTRATION FEES

The registration fee should be sent through Demand Draft drawn in favour of "The Registrar, Annamalai University" payable at Annamalai Nagar-608002.

Category	INR
Faculty from academic institutions	500 /-
Delegates from Industry	1000 /-
U.G Students/ P.G Students/ Research Scholars/ Project Fellow	250 /-