



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
Deemed to be University



Centre for Waste Management

Centre of Excellence for Energy Research (Bioenergy Division)

organize

One day hands on training on

HYDROPONICS : SOILLESS CROP PRODUCTION TECHNIQUE

DATE: 22 NOVEMBER 2025

VENUE: IRC 3RD FLOOR

TIME: 9 AM - 3 PM

About the Event

Hydroponics is a soilless method of growing plants, where crops are cultivated in a nutrient-rich water solution instead of soil. The roots are supported by an inert medium like cocopeat, perlite, vermiculite, clay pellets, or rockwool, and essential nutrients are delivered directly through the water. The training is to equip the participants with theoretical knowledge and practical skills in soilless cultivation methods for sustainable, high-yield crop production. The training offers practical demonstrations and expert guidance to help you set up and manage your own hydroponic units while unlocking new business opportunities in modern agriculture.

Registration fee

Students: Rs. 500/- Academician: Rs. 1000/- Industry experts: Rs. 2500/-

Registration link



Chief Patrons

Dr. Mariazeena Johnson, Chancellor
Dr. Marie Johnson, President
Mrs. Maria Bernadette Tamilarasi, Vice President
Mr.C. Arul Selvan, Vice President
Ms. Maria Catherine Jayapriya, Vice President
Mr. R. Akash, Vice President

Patron

Dr. T. Sasipraba, Director-Innovation

Organizing Secretary

Dr.Dawn S S, Professor (Research), CWM

Conveners

Ms Bhuvaneshwari, Scientific Assistant
Ms S V Siva Shankari, Scientific Assistant

Co-conveners

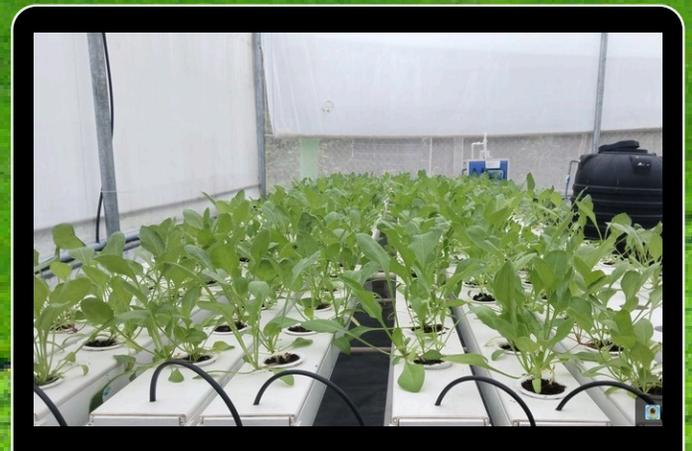
Dr. Arun J, Assistant Professor (Research)
Dr. N. Nirmala, Assistant Professor (Research)
Dr. Priyadharsini, Assistant Professor (Research)
Dr. Santhosh A, Assistant Professor (Research)
Mr. J. Jayakanth, Scientific Assistant
Mr. A.Silambarasan, Technical Assistant
Mr. K. Alagar, Project Associate-I (DST-SYST)
Ms. J. Merlin, Research Scholar

Training Highlights

- Smart Farming Technologies
- Crop Selection & Planning
- Polyhouse significance & Constructions
- Methods in hydroponics
- Different growing medias used
- Plant growth conditions in controlled environment
- Hands-on Demonstrations

Who Can Attend?

- *Students*
- *Researchers*
- *Agripreneurs*
- *Urban gardeners & hydroponic hobbyists*
- *Startups exploring agri-business*



Contact Us

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