



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY)

ACCREDITED WITH "A" GRADE BY NAAC
APPROVED BY AICTE

SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF BIOTECHNOLOGY

Organizes value added course on

BIO ENTREPRENEURSHIP

DATE: 25th June 2018 - 18th July 2018 (15 working Days)

TIME: 3.00 pm to 5.00 pm



RESOURCE PERSONS

Dr. Karthik Kumar,
Assistant Professor,
Kamraj College of
Engineering
College, Virudhunagar.

Dr. Stanley Abraham,
Centre for Ocean Research,
Sathyabama Institute of
Science and Technology.

Dr. Prabavathy,
Assistant Professor,
Department of Biotechnology,
Sathyabama Institute of
Science and Technology

**ELIGIBLE STUDENTS - BIOTECHNOLOGY,
BIOMEDICAL, BIOINFORMATICS
AND CHEMICAL ENGINEERING**

**VENUE: DEPARTMENT OF
BIOTECHNOLOGY**

ORGANIZER

**Dr. Prakash P
Assistant Professor**

Department of Biotechnology

Attendance is mandatory for all classes

FOR REGISTRATION CONTACT: Dr. PRAKASH P - 9840522688



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"Bio entrepreneurship"

OBJECTIVES

- Spirulina cultivation and its upscaling through economically feasible protocols.
- Identify the factors in the selection of a suitable site for Eucheuma farming and conduct test
- planting. the objective is to compost organic wastes, not for the disposal of solid organic wastes.

COURSE CONTENT

TOTAL : 30 HRS

Module 1: Spirulina Cultivation:

10 Hrs

Growing Conditions of Spirulina, Spirulina Cultivation, and Production, Harvesting of Spirulina, Cost, and Profits in Spirulina Farming.

Module 2: Seaweed cultivation:

10 Hrs

Site selection, installation of test plants, preparation of the farm site, construction of Eucheuma farm, management of Eucheuma farm, harvesting, drying, maintenance of the farm.

Module 3: Vermicomposting:

10 Hrs

Introduction, Materials for the preparation of Vermicompost, Vermicompost Production Methodology, Advantages of vermicompost, Pests, and Diseases of vermicompost

OUTCOMES

- The course will be an attempt to train the interested Students for all aspects of Spirulina, Seaweed, Vermicomposting at small and large scale upscaling, harvesting, drying, and processing.
- Source of income generation either independently or through integrating with progressive farmers and established entrepreneurs.



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CERTIFICATE OF PARTICIPATION

This is to certify that, Mr./Ms./Mrs. **Sudharshan AV**, a Btech Biotechnology Student of Sathyabama Institute of Science and Technology, has successfully completed value added course on **BIO ENTREPRENEURSHIP** organized by the Department of Biotechnology, Sathyabama Institute of Science and Technology from **25th June 2018 - 18th July 2018**

DR. RAMESH KUMAR,
HEAD OF THE DEPARTMENT
DEPARTMENT OF BIOTECHNOLOGY
SATHYABAMA INSTITUTE OF
SCIENCE AND TECHNOLOGY

DR. PRAKASH P
ASSISTANT PROFESSOR
DEPARTMENT OF BIOTECHNOLOGY
SATHYABAMA INSTITUTE OF
SCIENCE AND TECHNOLOGY

DR. STANLEY ABRAHAM,
SCIENTIST,
OCEAN RESEARCH CENTRE,
SATHYABAMA INSTITUTE OF
SCIENCE AND TECHNOLOGY