



# Holy Cross College (Autonomous) Nagercoil – 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle  
An ISO 9001:2015 Certified Institution

SSR  
2019-2020  
to  
2023-2024

## 5.1.3 Capacity development and skills enhancement activities are organised for improving students' capability

### BIOPROSPECTING OF MARINE ALGAL NATURAL PRODUCTS AND THEIR BENEFITS

**DEPARTMENT OF BOTANY**  
HOLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL-629004, TAMILNADU  
RE-ACCREDITED (IV CYCLE ) WITH A+ BY NAAC (3.35)

**DR. SR. ROSALIE'S ENDOWMENT**  
**LECTURE ON**  
**"BIO PROSPECTING OF MARINE ALGAL**  
**NATURAL PRODUCTS AND THEIR BENEFITS"**


**Guest speaker**  
DR. T. CITARASU,  
Associate professor,  
Center for Marine Science and Technology  
Manonmaniam Sundaranar University,  
Rajakamangalam.

9994273822  
citarasu@gmail.com

1<sup>st</sup> September 2020  
9.30 A.M

Dr. T. Citarasu, an Associate Professor at the Centre for Marine Science and Technology in Rajakkamangalam, delivered a lecture on "Bioprospecting of Marine Algal Natural Products and their Benefits." A total of 150 undergraduate (UG) and postgraduate (PG) students actively participated in the event. This lecture provided valuable insights into the latest trends in technology and the vast potential of marine algal natural products, emphasizing their significant role in modern science and industry.

## WEBINAR ON ENVIRONMENTAL BIOTECHNOLOGY



DEPARTMENT OF BOTANY  
HOLY CROSS COLLEGE (AUTONOMOUS)  
Affiliated to Manonmaniam Sundaranar University  
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Nagercoil – 629004, Tamil Nadu, India

in collaboration with St.Marys's College, thoothukudi  
invites Students and Faculty to the


Webinar on  
**Environmental Biotechnology**

Date & Time  
April 12, 2021 @ 2.00 - 3.00 pm

Resource Person  
**Dr.M.Jerold**  
Assistant Professor  
Department of Biotechnology at NIT  
Warangal

Patron  
Dr. Sr. Gerardin Jayam  
President  
Dr. Sr. Anne Perpet Sophy

Convener  
Dr. C. Jespin Ida  
Organizing Secretaries  
Mrs. J. Albino Wins  
Dr. N. Benit

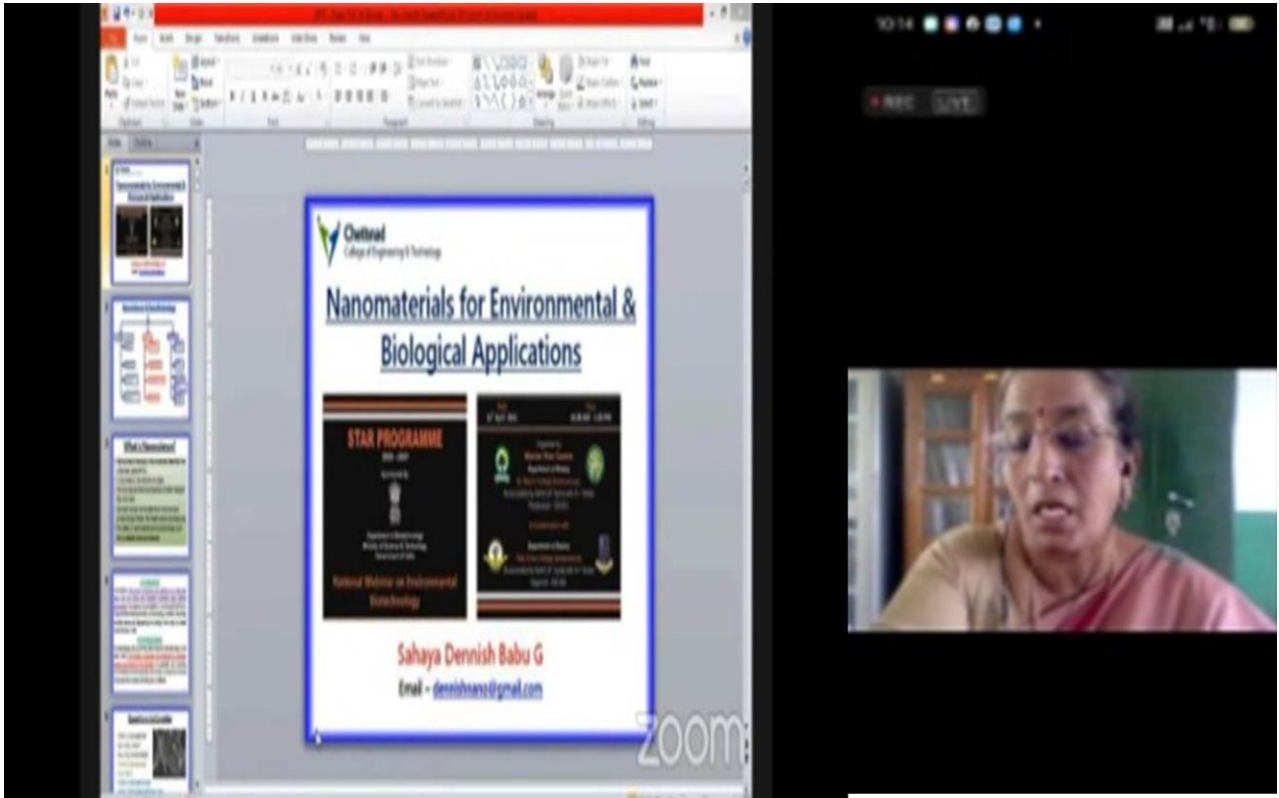


<https://meet.google.com/djx-gthz-irm>  
Meeting Platform

Dr. M. Jerold, Assistant Professor in the Department of Biotechnology at NIT, Warangal, led a webinar on "Environmental Biotechnology" in collaboration with the Department of Botany at Holy Cross College, Nagercoil, and St. Mary's College (Autonomous), Tuticorin. The webinar provided valuable insights into the intersection of biotechnology and environmental conservation. It engaged participants from multiple institutions, fostering knowledge sharing and promoting a better understanding of this crucial field of study.







WEB DESIGNING

# CERTIFICATE COURSE

organised by

**Holy Cross Academy**

in collaboration with

**Institution Innovation Council**

**Holy Cross College, Nagercoil**

## WEB DESIGNING

### Syllabus



HTML



CSS



JAVASCRIPT



PHOTOSHOP

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DESIGN THINKING FOR INNOVATION AND PROBLEM SOLVING

# ATESH LABS

LIGHTING LANTERNS MEDIA WORKS PRIVATE LIMITED  
(RECOGNIZED BY STARTUP INDIA & STARTUP TAMIL NADU)

## Holy Cross Academy Joint Certification Program

in Collaboration with  
Institution Innovation Council  
Holy Cross College, Nagercoil

## Design Thinking For Innovation & Problem Solving

*(Including Basics to biomimetics & Creative thinking )*



22 Hours online Certification  
which includes D Thinker Badge

Laptop/Desktop with good Internet  
Access is Preferred





**COMPUTER LITERACY**

Holy Cross College (Autonomous), Nagercoil, launched a computer literacy course for students. This course aimed to teach first-year students the basic concepts of using computers. The program included theoretical classes and practical sessions, providing students with a comprehensive understanding of computer usage. A total of six hundred and sixty eight students benefited from this initiative. It equipped them with essential computer skills, helping them to thrive in the digital era and enhancing their overall knowledge related to computers.



**Semester II  
Skill Enhancement Course (SEC): Computer Literacy  
Course Code: SEC202**

Hours/Week	Credits	Total no. of hours	Total marks
2	2	30	100

**Objective**

To enable students to understand the basic working of MS Office which includes MS Word, Excel and PowerPoint.

**Unit I**

Microsoft Word: Starting MS-Word – Introduction to word 2007 user interface – Understanding document views – Creating a new document – Saving a file – Printing a document – Opening an existing file – Microsoft word 2007 basic features.

**Unit II**

Formatting text – Formatting paragraphs – Graphics – Tables – Page Setup – Bullets and Numbering – Columns and Ordering – Text Boxes – Mail Merge.

**Unit III**

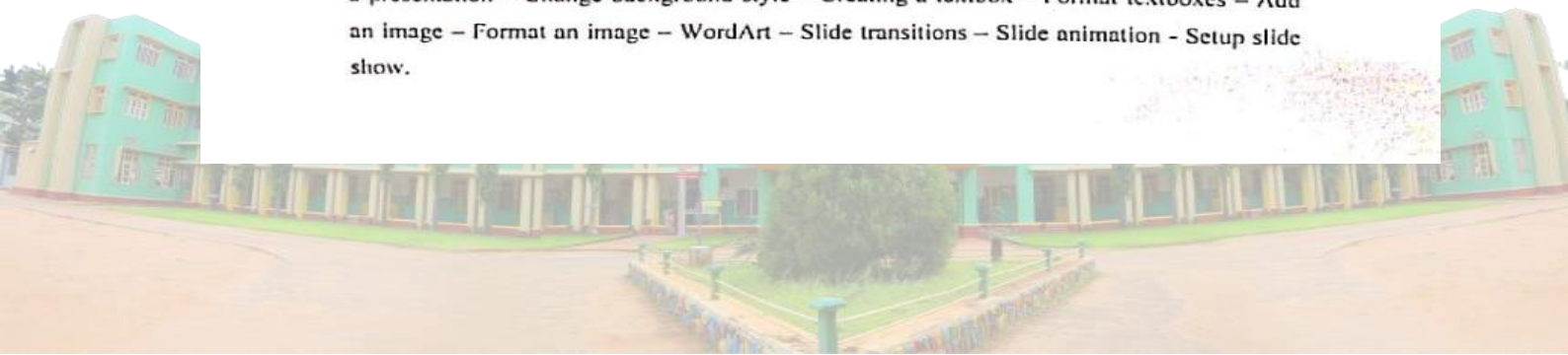
Microsoft Excel: Starting MS- Excel – Introduction to Excel 2007 user interface – Creating a New workbook – Saving a workbook – Opening an Existing workbook – Entering data into a cell – Selecting cells – Entering data using autofill – Using merge & center – Sorting data – Creating a table – Formatting a table.

**Unit IV**

Adjusting cell data alignment – Changing cell data orientation – Adding border to cell – Basic operations on worksheet – Advanced operations on worksheets – Resizing columns and rows in a worksheet – Using formulas and functions – Charts.

**Unit V**

Microsoft PowerPoint: The PowerPoint window – PowerPoint views – Create a new presentation - Changing a slide layout – Inserting text on a new slide – Inserting a new slide – Rearrange the order of slides – Delete a slide – Save a presentation – Applying themes to a presentation – Change background style – Creating a textbox – Format textboxes – Add an image – Format an image – WordArt – Slide transitions – Slide animation - Setup slide show.



**Text Book**

1. J. Antolopez Bai & S. J. Jenepha Mary, "Step Into Microsoft Office2007".

**LAB EXERCISES**

**MS WORD**

1. Design an Invitation
2. Design a Book Cover
3. Prepare a Calendar
4. Mail Merge

**MS EXCEL**

1. Mark Sheet Preparation
2. Chart
3. Macro
4. Built-in Functions

**MS POWERPOINT**

1. Creating Resume
2. Birthday Greeting Card

**ORIENTATION SESSION ON GOOGLE CLASSROOM**

On 03-08-2020 Holy Cross College (Autonomous), Nagercoil, organized an orientation session to guide students on effectively utilizing Google Classroom. With an emphasis on modernizing the learning process, the session aimed to familiarize participants with the various features and functionalities of the platform. Through interactive demonstrations and hands-on exercises, students were introduced to the seamless integration of resources, assignments, and communication tools within Google Classroom. The orientation covered essential aspects such as joining classes, submitting assignments, participating in discussions, and accessing educational materials. Moreover, the orientation emphasized the importance of regular engagement with the platform to stay updated on announcements and course materials. Students were encouraged to explore the platform's features independently to maximize its utility for their learning needs. The session concluded with a Q&A segment, allowing students to address any queries and ensuring their confidence in navigating Google Classroom for enhanced academic engagement. Overall, the orientation provided students with valuable insights into harnessing the power of digital platforms for efficient and collaborative learning. 2087 students attended the orientation.