

## About the College

Holy Cross College, Nagercoil is the first Women's College in Kanyakumari District administered by the Congregation of the Sisters of the Cross of Chavanod, established in 1965. It is the only institution in Kanyakumari District accredited with A++ Grade by NAAC. Holy Cross College is a prestigious institution with excellent infrastructure, known for academic excellence and strong determination to empower women personally and professionally.

## About the Department

The Department of Zoology, established in 1966, has evolved into a distinguished center for learning, research, and outreach. It became a postgraduate department in 1979, a research department in 2000, and introduced M.Phil. in 2009. Supported by a DST-FIST sponsored laboratory, it plays a key role in empowering young women as academicians, scientists, and entrepreneurs. Its research facility, TekBioz, provides consultancy services to external institutions. The department focuses on Immunology, Crustacean Physiology, Endocrinology, Integrated Pest Management, Radiation Biology, Environmental Biology, and Molecular Taxonomy, fostering academic excellence, research aptitude, and societal engagement.

## About the Seminar

This seminar explores the transformative power of life sciences in driving a sustainable bio-economy. Bringing together experts, researchers, and industry leaders, it aims to initiate and open up new pathways for innovation while encouraging entrepreneurship opportunities in life sciences. With a focus on sustainable solutions for food, health, and the environment, the seminar aligns with the UN Sustainable Development Goals (SDGs), fostering collaboration for a greener and more resilient future.

### Registration Fee:

Students &	: 300 Rs/-
Research Scholars	
Faculty	: 500 Rs/-

Last date for Registration: February 25, 2025

To confirm your registration, scan the QR Code or click on the link below:



<https://forms.gle/hWp7Njy4kKAXiUe96>

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### Patron

**Dr. Sr. M. Mary Gilda**, Secretary

### Chairperson

**Dr. Sr. S. Sahayaselvi**, Principal

### Conference Convenor

**Dr. A. Shyla Suganthi**,  
Associate Prof. & Head of the Department  
STC Member, WASET, USA  
DST-SERB Awardee

### Conference Secretaries

**Dr. Jeni Chandar Padua**,  
Asst. Prof. & Dean of Entrepreneurship  
Erasmus Mundus Euphrates Fellow (SPAIN).  
Indian Science Academies' SR Fellow (CSIR-CCMB,Hyd)

### Dr. A. Punitha

Asst. Professor in Zoology,  
Dept. of Zoology, Holy Cross College, Nagercoil

### Conference Team

**Dr. S. Mary Mettilda Bai**,  
Associate Professor & Dean of Research

**Dr. F. Brisca Renuga**,  
Associate Professor & Former Dean of Sciences

**Dr. J. Vinoliya Josephine Mary**,  
Associate Professor & Controller of Examinations

**Dr. P.T. Arokya Glory**,  
Associate Professor

**Dr. C. Josephine Priyatharshini**,  
Assistant Professor

**Dr. X. Venci Candida**,  
Assistant Prof. & IQAC Director

**Dr. S. Prakash Shoba**,  
Assistant Professor

**Dr. C. Anitha**,  
Assistant Professor



## Holy Cross College (Autonomous), Nagercoil

Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Accredited with 'A++' Grade (CGPA 3.53 - V cycle) by NAAC  
An ISO 9001:2015 Certified Institution



## Department of Zoology

*In association with*

**Tamil Nadu Innovation Initiatives  
(TANII)**

Tamil Nadu Forest Department, Kanyakumari  
and

**Chamber of Indian Industries- Young Indians**

*Organizes*

*International Conference on*

**The Bio-Economy Revolution:  
Harnessing Life Sciences for a  
Sustainable Future**



Date: February 27, 2025

Venue: Multipurpose Hall

## Speakers of the Conference



**Mr. Prashanth, I.F.S.,**  
District Forest Officer,  
&  
Wildlife Warden  
Kanniyakumari Division



**Dr. Jebamalai Arachi,**  
Former Principal Advisor  
to the Director General of UNIDO,  
Vienna, AUSTRIA.  
Principal Advisor, Knowledge  
Management Association, VIENNA



**Dr. Prakash Vincent**  
DAAD Fellow (Germany),  
UNESCO Fellow (Italy),  
EMBO Fellow (Germany),  
MARIECURIE Fellow (European Commission)  
Professor & Head, Centre for Marine  
Science & Technology, MS University



**Dr. P. Paul Pandian,**  
Fisheries Devt. Commissioner  
(Rtd), Gov. of India, New Delhi  
Dy. Advisor (Fisheries), Planning  
Commission (NITI Aayog).  
Executive Director, NFDB.



**Dr. Collins Johnny,**  
Asst. Prof. of Civil Engg.  
University College of  
Engineering,  
Anna University.



**Dr. Patrick David,**  
Project Biologist,  
Tamil Nadu Innovation Initiatives  
(TANII)  
District Forest Office,  
Kanyakumari Div.

**For Queries Contact :**

**Dr. Jeni Padua - 9487834569**

**Dr. A. Punitha - 8903446946**



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Registration	:	8.30 am to 9.30 am
Inaugural session	:	9.30 am to 10.15 am
Welcome Address	:	<b>Dr. Jeni Chandar Padua</b> , Asst. Prof. of Zoology & Dean of Entrepreneurship
Purpose of the Seminar	:	<b>Dr. A. Shyla Suganthi</b> , Associate Prof., & Head of the Dept. of Zoology
Felicitations	:	<b>Dr. Sr. S. Sahayaselvi</b> , Principal, Holy Cross College. <b>Dr. Sr. Basil Rose M.R.</b> , Former Principal, Holy Cross College.
Inaugural Address	:	<b>Mr. E. Prashanth, I.F.S.,</b> District Forest Officer & Wildlife Warden, Kanniyakumari Division.
Keynote Address	:	10.15 am to 11.00 am
Resource Person	:	<b>Dr. Jebamalai Vinanchi Arachi</b> , Former Principal Advisor to the Director General of UNIDO, Vienna, AUSTRIA. Principal Advisor, Knowledge Management Association, Vienna
Topic	:	<b>Pioneering Life Sciences for a Resilient and Sustainable Future</b>
Vote of Thanks	:	<b>Dr. A. Punitha</b> , Assistant Professor of Zoology
Tea Break	:	11.00 am to 11.15 am
Plenary Session 1	:	11.15 am to 12.00 pm
Resource Person	:	<b>Dr. P. Paul Pandian</b> , B.F.Sc, M.Sc, MBA, Ph.D, Fisheries Devt. Commissioner (Rtd), Government of India, New Delhi. Dy. Advisor (Fisheries), Planning Commission (NITI Aayog). Executive Director, National Fisheries Development Board (NFDB).
Topic	:	<b>Blue revolution: Fisheries for Economic Resilience and Sustainability.</b>
Plenary Session 2	:	12.00 am to 12.45 pm
Resource Person	:	<b>Dr. Prakash Vincent</b> , Ph.D. (Indo-German) DAAD Fellow (Germany), UNESCO Fellow (Italy), EMBO Fellow (Germany), MARIECURIE Fellow (European Commission) Professor & Head of the Department, Centre for Marine Science and Technology Manonmaniam Sundaranar University.
Topic	:	<b>Sustainable Wealth from Nature: Unlocking the Potential of Bio-Economy</b>
Lunch Break	:	12.45 pm to 1.30 pm
Plenary Session 3	:	1.30 am to 2.15 am
Resource Person	:	<b>Dr. Collins Johnny</b> , M.E., M.B.A., Ph.D. University College of Engineering, Anna University.
Topic	:	<b>AI Driven Innovations in Life Sciences and Bio-entrepreneurship</b>
Plenary Session 3	:	2.15 am to 3.00 pm
Resource Person	:	<b>Dr. Patrick David</b> , Ph.D. Project Biologist, Tamil Nadu Innovation Initiatives (TANII)
Topic	:	<b>Wilderness to Wealth: Eco-Tourism and Wildlife Ventures</b>
Certificate Distribution	:	3.00 pm to 3.15 pm