



# VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN

An ISO 9001:2015 Certified Institution | Affiliated to Periyar University, Salem  
Recognised under section 2(f) and 12(B) of the UGC Act, 1956  
Sankagiri, Salem, Tamilnadu, India



Prof. Dr. M. Karunanidhi  
Chairman & Secretary

AUGUST, 2025

# NEWSLETTER



## PG & RESEARCH DEPARTMENT OF MICROBIOLOGY

Microbes rule the world.....  
Microbiologists rule the microbes...  
We are proud to be Microbiologists...

■ **The Microbial Mind: Exploring Invisible Talents**

Intellectual arrogance starts here....



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# Table of Contents

---

About the Department

---

Faculty Achievements

---

Students Achievements

---

Department Activities

---

“There are no such things as applied sciences, only applications of science.”

NEWSLETTER, AUGUST 2025



# PG & RESEARCH DEPARTMENT OF MICROBIOLOGY

ABOUT THE  
DEPARTMENT



The PG & Research Department of Microbiology was established in 2004 to provide top-notch education in Microbiology. Since its inception, the Department has offered various undergraduate, postgraduate, and research programs. The focus is on cultivating a rich academic and research environment coupled with hands-on experience to prepare the students for a successful career in Microbiology. It boasts a state-of-the-art infrastructure equipped with basic instruments and modern analytical equipment. This allows students to gain practical experience and exposure to the latest technologies in the field. The vision is to empower women through scientific education and create a robust interface between academic institutions and industries. The mission is to impart in-depth knowledge of Microbiology to students and provide them with a platform for learning, training, and research in the field. . With a strong focus on student development, research collaborations, and knowledge dissemination, the Department significantly impacts the scientific community and society

God and microbes both are invisible. Have the potential to rule the world



# FACULTY ACHIEVEMENTS

**Dr.R.Mythili**

**Assistant Professor & Head**



- Published an article published an article entitled "Innovative bio-amelioration strategies for sustainable reclamation of salt-affected agrosytems. Plant soil.. Springer Nature (IF: 4.1) (9th August)
- Reviewer in Discover Environment (Springer) & BMC Agriculture (5th August)

**Dr.R.Dineshkumar**  
**Assistant Professor**



- Published an article entitled “Biological evaluation and molecular docking of sulfated polysaccharide-derived glucuronic acid from *S. platensis* as a potential inhibitor of SARS-CoV-2 ORF3a and Envelope (E) proteins”. Chemical papers. Springer Nature (IF:2.5) (1st August)
- Published an article entitled "Innovative bio-amelioration strategies for sustainable reclamation of salt-affected agrosytems”. Plant soil. Springer Nature (IF: 4.1) (9<sup>th</sup> August)
- Reviewer in Biomass Conversion and Biorefinery (Springer) (IF: 4.1) (17th August)
- Got appreciatio for high research citation (1500+)(Aug 14)
- Reviewer in Algal Research -Elsevier (IF:4.5) (23 August)



“In the fields of observation, chance favors only the prepared mind.”

— Louis Pasteur



# FACULTY ACHIEVEMENTS

## Ms.S.Soniya Sree Tutor



Published an article entitled "Innovative bio-amelioration strategies for sustainable reclamation of salt-affected agrosystems. Plant soil.. Springer Nature (IF: 4.1) (9th August)

## Dr.A.Mohanapriya Assistant Professor

- Participated in International Faculty Development Programme from 18th August to 22nd August on Innovative Pedagogical and Research Practices for English Language Teaching
- We sincerely extend our heartfelt appreciation to Ms. A. Mohanapiya AP/Microbiology for her generous contribution of books to the UIAAS College Library



# STUDENT ACHIEVEMENTS



**Ms.R.Keerthana**  
II M.Sc., Microbiology

- Presented a topic entitled “**Microbial sequestration of Carbon dioxide by Archaea for Biofuel Production and Climate Change Mitigation**” on National Conference on “**Bioprospecting of Natural Resources for the Betterment of Society**” organized by PG Department of Microbiology, Bharathidasan College of Arts and Science (Autonomous), Erode on 08.08.2025

- Presented a topic entitled “**Salinity-induced transcriptomic modulation in *Zea mays* enhanced by *Chlorella vulgaricus* biostimulants**” on National Conference on “**Bioprospecting of Natural Resources for the Betterment of Society**” organized by PG Department of Microbiology, Bharathidasan College of Arts and Science (Autonomous), Erode on 08.08.2025



**Ms.M.Nandhini**  
II M.Sc., Microbiology



**Ms.S.R.Deepika Shree**  
II M.Sc., Microbiology

- Presented a topic entitled “**Salinity-induced transcriptomic modulation in *Zea mays* enhanced by *Chlorella vulgaricus* biostimulants**” on National Conference on “**Bioprospecting of Natural Resources for the Betterment of Society**” organized by PG Department of Microbiology, Bharathidasan College of Arts and Science (Autonomous), Erode on 08.08.2025

“Science is the acceptance of what works and the rejection of what does not. That needs more courage than we might think.”

— Jacob Bronowski



# STUDENT ACHIEVEMENTS



- Sanjana Kumar (I B.Sc. Microbiology) secured the First Prize in Drawing on National Library Day at VIAAS
- Vishnupriya Mohan (I B.Sc. Microbiology) won the First Prize in Poetry on National Library Day at VIAAS



- Pooja Selvaraj, II B.Sc. Microbiology, was selected for the State Level Adventure Training Programme at The Retreat, Yercaud (18.08.2025–22.08.2025), organized by the Tamil Nadu NSS Cell

“Research is to see what everybody else has seen, and to think what nobody else has thought.”

— Albert Szent-Gyorgyi



# BLOSSOM DAY – WELCOMING FRESHERS

NEWSLETTER, AUGUST 2025

04. 08.2025



*Freshers' Day is always a special occasion that marks the beginning of a new academic journey. On 04th August, 2025, the Department of Microbiology proudly welcomed the new batch of enthusiastic students with warmth, joy, and excitement.*



- **Foundation & Motivation:** The orientation program goes beyond introducing freshers to the college and department, fostering community, belonging, and motivation while nurturing their dreams and aspirations.
- **Support & Growth:** Through mentorship, resources, and supportive networks, students are empowered to channel their potential, enriching their academic journey and paving the way for future success and personal growth.



"The answers are all out there; we just need to ask the right questions."

— Sydney Brenner



12.08.2025

# INTERNATIONAL YOUTH DAY



Mangarangampalayam, Tamil Nadu  
Fq4q+m8c, Mangarangampalayam, Tamil Nadu 637  
at 11.456512° Long 77.788472°  
12/08/2025 03:31 PM GMT +05:30



Mangarangampalayam, Tamil Nadu  
Fq4q+m8c, Mangarangampalayam, Tamil Nadu 637  
at 11.456512° Long 77.788472°  
12/08/2025 03:38 PM GMT +05:30

Venue: Microbiology Lab



Participants:  
First Year  
Microbiology Students



The Department of Microbiology organized on International Youth Day On Wings of Youth, coordinated by Ms.S.Kousalya, Assistant Professor of Microbiology Department. The celebration of International Youth Day On Wings of Youth inspired students to recognize their potential as change-makers and leaders of tomorrow. Through interactive sessions, motivational talks. Drawing, Singing and poetry competition. The participants gained enhanced self-confidence, improved teamwork skills, and a deeper understanding of youth-led social responsibility.

Youth are not just the leaders of tomorrow—they are the change-makers of today. Let's celebrate their spirit, passion, and potential



# INTERNATIONAL LEFT HANDER'S DAY

## 13.08.2025



- **Creativity & Skill Development:** The Left-Handers Day drawing and painting activity encouraged I UG VIAAS students to showcase their creativity, imagination, fine motor skills, and hand-eye coordination while building confidence beyond academics.
- **Awareness & Inclusivity:** The programme promoted awareness about the uniqueness of left-handers, encouraged inclusivity, teamwork, and peer support, and fostered respect for diversity in a positive classroom atmosphere.

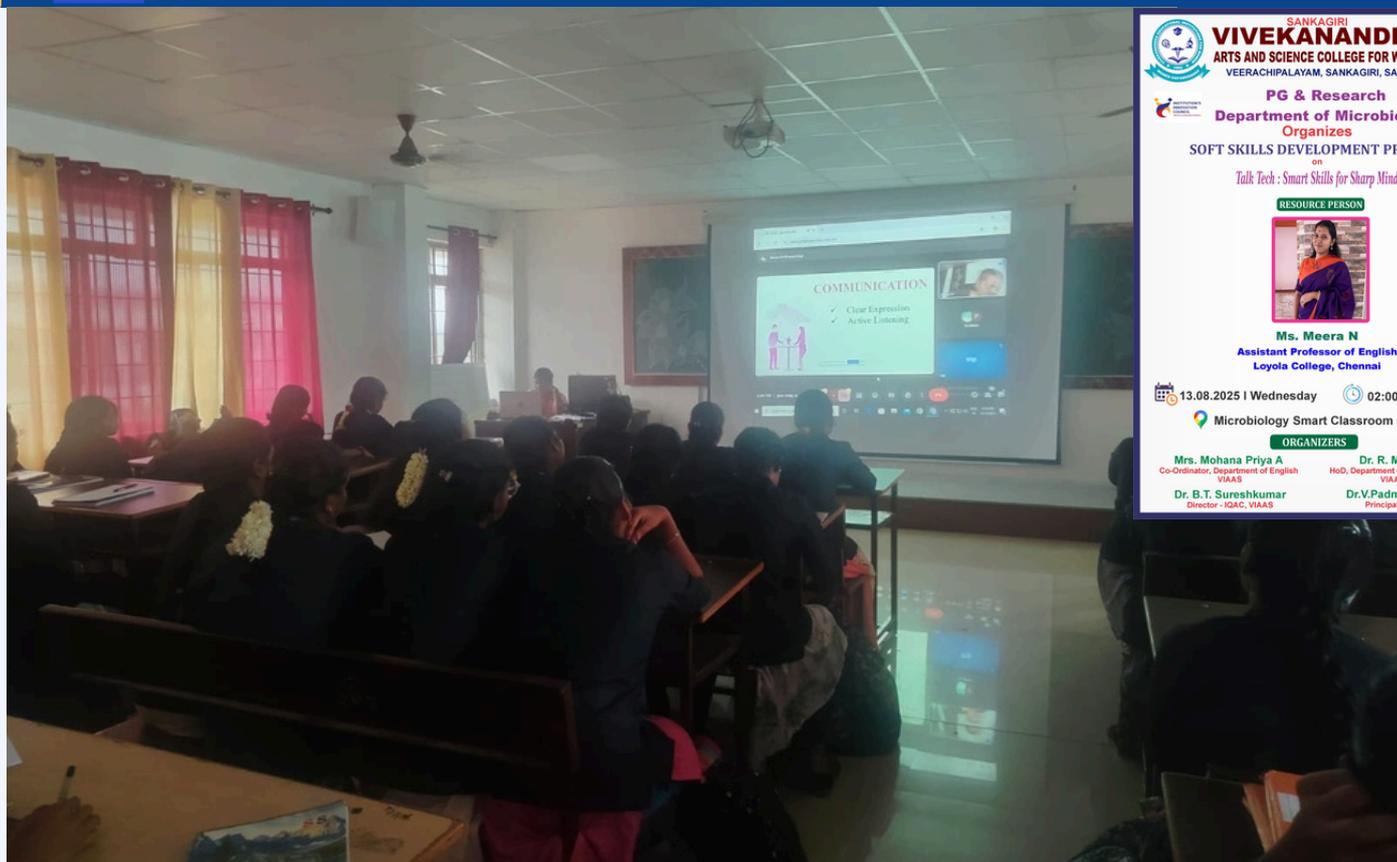


This Day day is a reminder that diversity in thinking and approach strengthens our scientific community. Let us celebrate the unique abilities of left-handers and encourage everyone to leverage their individual strengths for innovation and discovery.



# SOFT SKILL DEVELOPMENT PROGRAM

13.08.2025



**SANKAGIRI  
VIVEKANANDHA  
ARTS AND SCIENCE COLLEGE FOR WOMEN**  
VEERACHIPALAYAM, SANKAGIRI, SALEM

**PG & Research  
Department of Microbiology  
Organizes**

**SOFT SKILLS DEVELOPMENT PROGRAM**  
on  
*Talk Tech : Smart Skills for Sharp Minds*

**RESOURCE PERSON**

**Ms. Meera N**  
Assistant Professor of English  
Loyola College, Chennai

13.08.2025 | Wednesday 02:00 PM - 04.00 PM  
Microbiology Smart Classroom (Online)

**ORGANIZERS**

**Mrs. Mohana Priya A**  
Co-Ordinator, Department of English  
VIAAS

**Dr. R. Mythili**  
HoD, Department of Microbiology  
VIAAS

**Dr. B.T. Sureshkumar**  
Director - IQAC, VIAAS

**Dr.V.Padmanabhan**  
Principal, VIAAS

- The guest lecture by Ms. Meera N, Assistant Professor of English, Loyola College, Chennai, helped I & II UG Microbiology students improve communication, teamwork, problem-solving, critical thinking, adaptability, and time management.
- Through interactive sessions and activities, students gained confidence, interpersonal skills, collaboration, and leadership qualities, fostering overall personality development for academic and professional success.

**Venue: Microbiology Smart Class Room    Participants: Microbiology Students**

**“Great discoveries are made by those who are not afraid to make mistakes.”**

**— Peter Medawar**

# OPENING CEREMONY FOR FIRST YEAR POSTGRADUATE ACADEMIC JOURNEY

## 13.08.2025



- The I PG Inauguration Programme introduced the department's vision, academic culture, and research prospects, motivating students in their new academic journey
- The event fostered faculty–student interaction, creating a sense of belonging and inspiring newcomers toward academic excellence, research innovation, and active participation

Venue: I PG .M.Sc class room VIAAS





# AWARENESS PROGRAM ON FIRST AID BASIC LIFE SUPPORT

## 13.08.2025

The Department of Microbiology organized an Awareness Programme on First Aid for Basic Life Support, coordinated by Mr. R. Pandiyan, Assistant Professor of Microbiology. The session provided students with essential knowledge and practical awareness on handling medical emergencies, including CPR, wound care, and immediate response techniques. This programme helped students gain confidence in managing critical situations, enhanced their presence of mind, and highlighted the importance of timely first aid in saving lives.



This initiative created awareness among students about life-saving techniques and encouraged them to be prepared, confident, and responsive during emergencies. The interactive session provided valuable knowledge and strengthened the spirit of safety and social responsibility.



# 19.08.2025 PARENT'S TEACHER MEETING



**A Parents-Teachers Meeting was organized for the III UG Microbiology students (39Nos) to strengthen the bond between the institution and parents. The event provided a valuable platform to discuss students' academic progress, attendance, discipline, and overall performance. Parents were given the opportunity to interact with the Principal and faculty members, share their suggestions, and clarify their concerns regarding their wards' learning and future prospects.**

Venue Microbiology laboratory

**“Microbes are the true rulers of Earth—we just live in their world.”**



19.08.2025

# GREEN FEST



The Department of Microbiology organized on Go Green and Go planet for Green Fest, coordinated by Ms.S.Kousalya, Assistant Professor of Microbiology Department. We sincerely appreciate the efforts of the I B.Sc. Microbiology students for actively arranging and contributing plants for the Green Fest organized by the department. Their initiative not only added beauty and freshness to the event but also highlighted the importance of greenery and environmental responsibility.



**“I have no special talents. I am only passionately curious.”**

**— Albert Einstein**



20.08.2025

# INSTITUTIONAL VISIT TNAU



The Microbiology Department organized a one-day institutional visit to Tamil Nadu Agricultural University (TNAU), Coimbatore. The III UG and I PG Microbiology students (Total-52), providing them with valuable hands-on exposure to applied biological sciences. During the visit, students gained practical knowledge on biofertilizer production, mushroom cultivation, apiculture which enhanced their understanding of sustainable practices and entrepreneurial opportunities in Microbiology.



“Small things make big things happen.”

— John Wooden

"நீர் இன்றி அமையாது உலகு"



"நுண்ணூயிர் இன்றி அமையாது உலகு"

## **TIRUCHENGODE CAMPUS**

- ★ SWAMY VIVEKANANDHA MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE
- ★ VIVEKANANDHA DENTAL COLLEGE FOR WOMEN
- ★ SWAMY VIVEKANANDHA COLLEGE OF PHARMACY
- ★ VIVEKANANDHA COLLEGE OF NURSING
- ★ VIVEKANANDHA SCHOOL OF ANM
- ★ SWAMY VIVEKANANDHA PHYSIOTHERAPY COLLEGE
- ★ VIVEKANANDHA ALLIED HEALTH SCIENCE COLLEGE (Co-Ed)
- ★ KRISHNA INSTITUTE OF OPTOMETRY AND RESEARCH
- ★ VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)
- ★ VIVEKANANDHA COLLEGE OF TECHNOLOGY FOR WOMEN
- ★ VIVEKANANDHA INSTITUTE OF INFORMATION AND MANAGEMENT STUDIES
- ★ VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)
- ★ VIVEKANANDHA COLLEGE FOR WOMEN
- ★ VIVEKANANDHA COLLEGE OF EDUCATION FOR WOMEN
- ★ KRISHNA COLLEGE OF EDUCATION FOR WOMEN
- ★ KRISHNASHREE COLLEGE OF EDUCATION FOR WOMEN
- ★ VIVEKANANDHA VIDHYA BHAVAN MATRIC HIGHER SECONDARY SCHOOL
- ★ VIVEKANANDHA MEDICAL CARE HOSPITAL (VMCH)

## **SANKAGIRI CAMPUS**

- ★ SWAMY VIVEKANANDHA NATUROPATHY AND YOGA MEDICAL COLLEGE (Co-Ed)
- ★ VIVEKANANDHA PHARMACY COLLEGE FOR WOMEN
- ★ VIVEKANANDHA NURSING COLLEGE FOR WOMEN
- ★ VIVEKANANDHA ANM SCHOOL
- ★ VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN
- ★ RABINDHARANATH TAGORE COLLEGE OF EDUCATION FOR WOMEN
- ★ VISWABHARATHI COLLEGE OF EDUCATION FOR WOMEN