



K.M.G. COLLEGE OF ARTS AND SCIENCE

Permanently Affiliated to Thiruvalluvar University and
Recognized by UGC under section 2(F) & 12(B) of the UGC Act 1956.
Accredited with 'A' Grade by NAAC
Associate member of ICT Academy

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PG & Research Department of Microbiology

Association Activities of the Academic Year 2024-2025.

About the Association:

Microbiology department is to create a centre of academic excellence in the field of education and research. To promote the social commitment of students, the department conducted different awareness programme.

Objectives:

Produce graduates who will be scientifically equipped and be able to translate scientific knowledge into technology that can address the needs of the society in different areas such as health sector, environment, Biotechnology, food industry and agriculture

To help students develop skills and be well equipped to teach in schools or lecture and/or research in universities and research institutes.

To provide manpower that would contribute positively to the different life endeavour where microbiologists are in demand.

Members of Association:

Dr. D.Manikandan	Coordinator
Prof. C. Kavitha	Member
Dr. A.M. Rajalakshmi	Member
Prof. M. Sakthivel	Member
Dr. N. Sundramoorthy	Member
Dr. S. Dinesh kumar	Member
Dr. D. Sudha	Member
Dr. P. Jeevitha	Member

QUIZ PROGRAMME

PG and Research department of microbiology conducted a quiz competition in the college on 19th July for the UG and PG Microbiology students. In this competition, four different teams participants. Rules and regulations of the quiz were explained at the beginning. The students showcased their brilliance by rapidly answering the questions. It was very informative and knowledge enriching competition for the participants along with the audience. The comparing for the event was done by Ms.S.Livesha II M.Sc., Microbiology. The competition concluded with the vote of thanks given by the student of II M.Sc., Microbiology Ms.J.Suganya.





Fresher's Day Celebration

The PG and Research Department of Microbiology arranged a Fresher's day celebration on 2.08.2024 (Friday) at 2.00pm to 4.00pm for the first year microbiology students. Our respected Principal **Dr.C.Dhandapani** was given the presidential address and inaugural address was given by **Dr. D.Manikandan** on the day. Around 178 students were participated and celebrated the day and the juniors were welcomed by the seniors.





Industrial visit

The PG & Research Department of Microbiology arranged an industrial visit to the Rajiv Gandhi Centre for Biotechnology in Thiruvananthapuram, Kerala on August 20, 2024. About fifty-one students from UG and PG Microbiology and five faculty members took part in the event, where they learnt more about the histopathology procedures, qPCR demonstration in the instrument lab, and current research being conducted in the plant molecular biology lab. The different research laboratories as well.





ONE DAY INTERNATIONAL CONFERENCE

The PG and Research Department of Microbiology organized a One Day International Conference “Modern Microbiology 2024” on 26.09.2024. Dr. D. Manikandan Head, PG & Research Department of Microbiology has given welcome address. Our Principal Dr. C.Dhandapani inaugurated the Conference.

The session I Dr.S. Vijayanand, Associate Professor, Bioresource Technology lab, PG & Research Department of microbiology, Thiruvalluvar university, Serkadu, was the resource person and he gave a lecture on “Quorum sensing intervened Bacterial signaling Pursuit of its Cognizance and Repression”.

In session II Dr.Sivasankar Palaniappan, Assistant Professor, Water Supply and Bioeconomy Division, Faculty of Environment engineering & Energy, Polan University, Poland, was the resource person and he gave a lecture on “Actinomycetes: The Drug Treasure House”. About 208 students, and 21 faculty members were participated from various colleges to the seminar. From various college students were presented the poster and won the prizes.

PG STUDENTS PRIZE WINNERS DETAIL:

S.No	Name of the student	Name of the College	Winner
1.	N.Mahalakshmi	K.M.G College of Arts and Science, Gudiyattam	Consolidate Prize
2.	S.Rabia Basari		



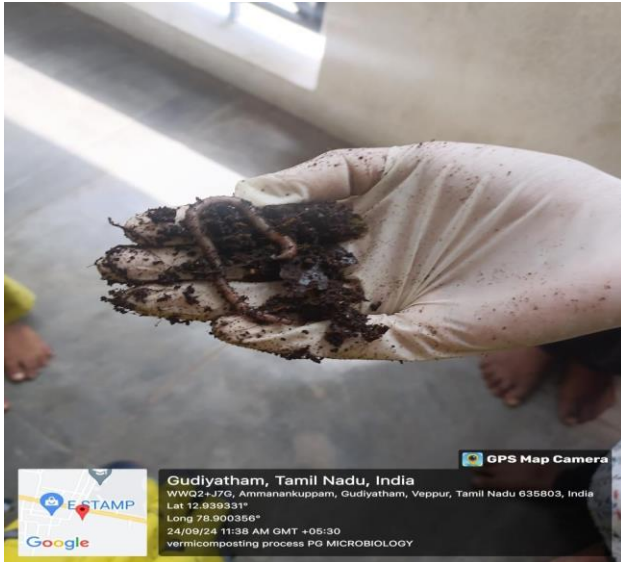
COMPOSTING PROCESS

The PG & Research Department of Microbiology for the purpose of compost processing collection. Our department collecting the kitchen wastes materials from canteen and making the compost processing method from 31. 07. 2024.



VERMICOMPOSTING PROCESS

The PG & Research Department of Microbiology for the purpose of vermicompost processing collection. Our department collecting the Organic wastes materials from canteen and making the vermicompost processing (24. 09. 2024).




Research Supervisor:

We inform you that the following staff Dr.D.Manikandan, Head, Academic Dean & Assistant Professor, PG & Research Department of Microbiology, KMG College of Arts & Science (Autonomous), has been recognized as a research supervisor to guide the candidate for Ph.D programme in Microbiology to Full time and Part time scholars.

It is requested that all communications should be addressed to The Registrar, Thiruvalluvar University and not to any person by name.

Website: www.tvu.edu.in
Website: phdadmission@tvu.edu.in

 திருவள்ளூர் பல்கலைக்கழகம்
THIRUVALLUVAR UNIVERSITY
(State University - Accredited with "B+" Grade by NAAC)
SERKKADU, VELLORE - 632 115

Dr.J.SENTHIL VELMURUGAN, Ph.D.,
Registrar

No : TVU/CFR/Ph.D. Guideship/order/2024/2014 Date: 13.11.2024

To
The Principal
K.M.G College of Arts & Science (A),
Gudiyatham - 635 803.

Sir/Madam,


Sub: Thiruvalluvar University, Vellore - Dr.D.Manikandan - Recognized as a Research Supervisor to guide candidates for Ph.D. Programme in Microbiology (Full Time & Part Time) - Orders Issued - Reg.

Ref: Application of Dr.D.Manikandan.

I am by direction, to inform you that the following staff of your college has been recognized as a research Supervisor to guide the candidates for Ph.D. Programme in Microbiology to Full Time & Part Time.

Dr.D.Manikandan
Assistant Professor
Department of Microbiology
K.M.G College of Arts & Science (A),
Gudiyatham.

Further, inform you that the research supervisor shall be allowed to guide the Ph.D. candidates as per UGC/Thiruvalluvar University Ph.D. regulations.


REGISTRAR
15.11.24

Copy to:
Dr.D.Manikandan, Assistant Professor, Department of Microbiology, K.M.G College of Arts & Science (A), Gudiyatham - 635 803.

INDUSTRIAL VISIT REPORT

Institute Visited :UPASI Tea Research Foundation.
Date of Visit :24-02-2025
Location :Coonoor, Ooty.
Organized By : PG & Research Department of Microbiology,
KMG College of arts and science (Autonomous)
Participants : 46 Students/ 05 Faculty Member

Introduction

The industrial visit to the **UPASI Tea Research Foundation (UPASI TRF)** was organized to provide students with practical insights into tea research, cultivation techniques, and processing methods. The foundation plays a vital role in enhancing tea production through scientific advancements, quality control, and sustainable practices.

Objectives of the Visit

- To understand the research methodologies used in tea cultivation.
- To observe the different stages of tea processing.
- To gain knowledge about pest control, soil management, and quality enhancement techniques.
- To explore career and research opportunities in the tea industry

Interaction with Experts

During the visit, students had an interactive session with tea scientists and industry experts, discussing topics such as:



1. Dr. Babu Advisor, UPASI Tea Research Foundation Coonoor, Ooty given presentation on Challenges in tea production due to climate change, Introduction about research activity in bio control, Innovations in tea breeding and pest management and Global tea market trends and export opportunities.



2. Dr. Sureshbabu Microbiologist UPASI Tea Research Foundation Coonoor, Ooty has presented on Disease and pest Management of Tea Plants to our students.



3. Dr. M. Sivakumar Pesticide residue Chemist UPASI Tea Research Foundation Coonoor Ooty has various chemical analysis done in lab to check quality of the tea plant of to our student.

Conclusion

The industrial visit to UPASI TRF was an enriching experience, providing valuable practical exposure to tea cultivation, processing, and research methodologies. The insights gained will help students apply theoretical knowledge to real-world industry scenarios.



Acknowledgment

We extend our gratitude to **UPASI TRF officials**, faculty coordinators, and our institution for organizing this informative visit.

Students Achievements:

University Rank Holders (Outgone 2024)

1. E.SHRUTHI (M.Sc., Applied Microbiology)-7th Rank
2. S.KAREEM (M.Sc., Applied Microbiology)- 8th Rank

Students from our department were participated in various competitions:

Inside Campus Achievements:

1. P. Gopika of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
2. S. Indhu of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
3. N. Bhargavi of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
4. G. Sailaja of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
5. V. Dhivya Sri of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
6. S. Geetha Lakshmi of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
7. V. Rubini of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
8. V. Keerthana of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize.
9. R. Deepika of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize and the house match winner.
10. S. Pooja of I B.Sc. Microbiology participated in Kho-Kho and won the runner-up prize and the house match winner.
11. T. Sabari of I B.Sc. Microbiology participated in Basketball and won the runner-up prize, and participated in Javelin Throw, winning the third prize.
12. P. Sasidharan of I B.Sc. Microbiology participated in Basketball and won the winner's prize.
13. S. Akash of I B.Sc. Microbiology participated in Badminton and won the runner-up prize.
14. U.S. Vinodhan of I B.Sc. Microbiology participated in Table Tennis and won the winner's prize.
15. L. Kavikeerthana and S. Mohammed Farhan of III B.Sc. Microbiology participated in a poster presentation at the International Conference of Microbiology at K.M.G College of Arts and Science.
16. G. Rithik Roshini and S. Kamali of III B.Sc. Microbiology participated in a poster presentation at the International Conference of Microbiology at K.M.G College of Arts and Science.
17. K. Srinath and S.K. Shareen Tabasiya of III B.Sc. Microbiology participated in a poster presentation at the International Conference of Microbiology at K.M.G College of Arts and Science.
18. S. Vinnarasi and K. Monisha of III B.Sc. Microbiology participated in a poster presentation at the International Conference of Microbiology at K.M.G College of Arts and Science.

19. S. Vinnarasi of III B.Sc. Microbiology participated in the Science Day competition at K.M.G College of Arts and Science.
20. N. Mahalakshmi and S. Rabia Basari of II M.Sc. Microbiology participated in a poster presentation at the International Conference of Microbiology at K.M.G College of Arts and Science and won the Consolidated Prize.

Outside Campus Achievements:

1. S. Akash of I B.Sc. Microbiology participated in the Essay Writing Competition and won the second prize, organized by Islamiah College (Autonomous), Vaniyambadi.
2. S. Akash of I B.Sc. Microbiology was selected for Division Ball Badminton at VIT.
3. T. Sabari of I B.Sc. Microbiology participated in Basketball and won the runner-up prize at C. Abdul Hakeem College.
4. T. Sabari of I B.Sc. Microbiology participated in Silambam and won the first prize at Rajiv Gandhi Indoor Stadium.
5. P. Sasidharan of I B.Sc. Microbiology participated in Basketball and won the runner-up prize at C. Abdul Hakeem College.
6. E. Balaji of I B.Sc. Microbiology participated in Basketball and won the runner-up prize at C. Abdul Hakeem College.
7. D. Praveenkumar of I B.Sc. Microbiology participated in Volleyball (CM Trophy) and was selected for the State match at Nehru Stadium, Chennai.
8. U.S. Vinodhan of I B.Sc. Microbiology was selected for the Table Tennis Quarter-Final List, AKTTA, Vellore.
9. U.S. Vinodhan of I B.Sc. Microbiology participated in Table Tennis and won the runner-up prize at C. Abdul Hakeem College and was selected for the division.
10. U.S. Vinodhan of I B.Sc. Microbiology participated in Table Tennis (Doubles) and won the runner-up prize at VIT, Vellore.
11. Yukesh R. of II B.Sc. Microbiology participated in the Youth Parliament Pencil Sketch Competition and won the second prize in the Inter-Collegiate Cultural Programme, HISTFEST 2K25, organized by the PG & Research Department of History, Islamiah College (Autonomous), Vaniyambadi, on 26/02/2025.
12. B. Subalakshmi of III B.Sc. Microbiology participated in a quiz competition and won the second prize in the one-day International Conference at Auxilium College, Vellore.
13. S. Kamali of III B.Sc. Microbiology participated in a quiz competition and won the second prize in the one-day International Conference at Auxilium College, Vellore.
14. K. Srinath of III B.Sc. Microbiology participated in a quiz competition and won the second prize in the one-day International Conference at Auxilium College, Vellore.
15. G. Rithik Roshini of III B.Sc. Microbiology participated in a poster presentation and won the second prize in the one-day International Conference at Auxilium College, Vellore.

16. K. Monisha, S. Vinnarasi, S. Venkateswari, and S. Sivasankari of III B.Sc. Microbiology participated in a quiz competition at the one-day International Conference at Auxilium College, Vellore.
17. L. Kavikeerthana and S. K. Shareen Tabasiya of III B.Sc. Microbiology participated in a poster presentation at the one-day International Conference at Auxilium College, Vellore.
18. A. Kiran of III B.Sc. Microbiology participated in Ball Badminton and won the Inter-Division prize at C. Abdul Hakeem College.
19. R. Kalpana of III B.Sc. Microbiology participated in Basketball at MKJC, Vaniyambadi.
20. M. Jeeva of III B.Sc. Microbiology participated in Basketball and won the runner-up prize at C. Abdul Hakeem College.
21. M. Jeeva of III B.Sc. Microbiology participated in Basketball and won the Inter-Division prize at Sacred Heart College.
22. M. Jeeva of III B.Sc. Microbiology participated in Hockey at Sacred Heart College.
23. R. Kalpana of III B.Sc. Microbiology participated in Athletics at SDAT College.
24. R. Kalpana of III B.Sc. Microbiology participated in Table Tennis at Abdul Kalam Academy.
25. R. Kalpana of III B.Sc. Microbiology participated in the Basketball competition at AAA College.
26. R. Kalpana of III B.Sc. Microbiology participated in the Basketball competition and won the 3rd prize at Mahatma Gandhi University.