

## **Department of BioTechnology**

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### **Dr. N. Valli, Guest Faculty, Department of Biotechnology**

1. Participated in the "NATIONAL LEVEL HANDS ON TRAINING WORKSHOP ON PLANT TISSUE CULTURE AND MOLECULAR BIOLOGY" organized by THE Department of Biotechnology, Bharathidasan University, Tiruchirappalli from 09.03.2022 to 12.03.2022.
2. Attended various events and acted as panel judge for the activities of the Zoofest-2023 programme organized by the Nehru Memorial College, Puthanampatti, Tiruchirappalli (Dt). on 07.03.2023.
3. Attended State Level Inter Collegiate competition on Life Sciences "Biofest-2023" organized by the School of Life Sciences at Maruthu Pandiyar College, Thanjavur in 2023.
4. Attended the International Conference on "Interdisciplinary approaches in Biological Sciences for Innovative Research" on 27/09/2024 at Srimati Indira Gandhi College, Tiruchirappalli.
5. Prepared a laboratory report on Mushroom Cultivation. This report provides information about the laboratory experiments focusing on Oyster Mushroom (*Pleurotus Ostreatus*) process for the second year MSc Biotechnology students.
6. Prepared a laboratory report on Spirulina Cultivation. This report provides information about the laboratory experiments focusing on the ideal conditions for growing Spirulina.
7. Prepared a laboratory report on Fruit Wine preparation.



OYSTER MUSHROOM CULTIVATION



CULTURE OF SPIRULINA



WINE PREPARATION FROM FRUITS

# Department of computer science

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A Special lecture/seminar on "Artificial Intelligence for all" by Dr. R. B. Sharafudeen, Assistant Professor in Computer Science, Rover Engineering College, Perambalur on 27.03.2024.



# Department of Mathematics

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## **N. Deepica M.Sc., M.Phil., SET. , Guest Faculty**

1. Acted as the Resources Person in the 3 Day (29/12/2021 to 31/12/2021) Online Skill Development programme cum Alumni Webinar Series and delivered a lecture on the topic "How to Prepare for SET / NET Examinations", organized by the Department of Mathematics in association with IQAC held at the Sengamala Thayaar Educational Trust Women's College (Autonomous) , Mannargudi ,Tiruvarur (Dt.), Tamil Nadu on 30.12.2021.
2. Attended the International Conference on " Emerging trends in Pure and Applied Mathematics" held between 12/3/2022 and 13/03/2022 in blended mode, organized by the Department of Applied Sciences, School of Engineering in association with Department of Mathematical Sciences , School of Sciences , Tezpur University, Sonitpur, Assam -784028 .
3. The paper entitled "Union of fuzzy Normal Semi-N groups and Anti-fuzzyNormalSemi-N groups ( for  $n=1, 2,3,...,n$ )" published in the International journal of Scientific Research in Mathematical and Statistical Science has been indexed in scopus database based on the recommended by content Selection committee after reviewing the content of the paper on 29-07-2022.
4. Obtained 80% of Marks in Online Math Quiz on the title "MATH QUIZP ROGRAMME" organized by the Department of Mathematics, Arasu College of Arts and Science for Women, Karur on 28.04.2021.
5. Participated nearly in seven quizzes conducted by the "Stay Safe" online campaign.
6. Participated nearly in seven quizzes conducted by Ministry of Electronics and Information Technology of the Government of India.



# Department of Microbiology

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## Departmental Activities

- Conducted 'One Day Seminar Programme On March -2023 Recent Trends of Microbiology' Delivered Lecture By Dr. N Shanmugapriya Indiragandhi College Of Women, Tiruchirappalli.



- Conducted One Day Seminar Programme Titled on 'Stem Cells Therapy' Delivered Lecturer By Dr. N . Kalaivani Principal Of MIT College, Tiruchirappalli.



- Our II M.Sc., Students Participated Fine Arts Programme On Cauvery College Of Women's, Tiruchirappalli won First Prize For Classical Dance Performance On 2022.
- Our II M.Sc., Students Participated ' Inter -College Seminar Programme' On Marudhu Pandiar College, Thanjavur Won Second Prize For Poster A On 2023.

- Our I M.Sc., Students Attended Seminar Programme at the Srimati Indira Gandhi College for Multi-Disciplinary Events held during Sep. 2024.

### **Faculty Activities**

1. Minor Project Awarded From Tamil Nadu Science and Technology Institute (TNSCST) TNSCST - Student Project Scheme TNSCST /Sps/Ar/2016-2017 10.000 (Ten Thousand Rupees) As-7 –Ethanol Production from Agricultural Wastes (Corn)
2. Environmental Studies Book Published 2023 (First Author)
3. Food Preservation Technology - Training Programme 15 Days Conducted By Food and Nutrition Extension Unit. Government of India at Madurai
4. Tissue Culture technics Programme Training On Meta-Helix Biotech Ltd Hosur (Banglore)
5. Bio Fertilizer Production Program ( Azolla, Blue Green Algae,Rhizobium) Avvm Sri Pushpam College , Poondi –Thanjavur

### **Gene Bank Deposited**

1. Acetobacter Aceti Strain Bapai 16 S Ribosomal Rna Gene Partial Sequence Gene Bank Accession Number Iq 934 953
2. Clostridium Thermophilus Strain Bapac2 16 S Ribosomal Rna Gene Partial Sequence Gene Bank Accession Number Iq 418 545
3. Clostridium Thermophilus Strain Bapac3 16 S Ribosomal Rna Gene Partial Sequence Gene Bank Accession Number Iq 418 546

### **Edible Mushrom Cultivation Program**

1. Edible Mushrom Cultivation Programe Training With Rural Development Scheme (Women Self Employment) Spawn Bottle Preparation . Mushroom Cultivation Trained By AVVM Sri Pushpam College, Poondi, Thanjavur

### **Other Activities**

1. Life Member of Nature Club of Poondi Pushpam College
2. Participated and Presented in over 18 national level seminars/programmes
3. Workshop Attended
  1. Molecular Instrumentation Workshop Programme
  2. Molecular Docking Programme
4. Publications: 9 Papers Published In Reputed Journals (Elsevier, IJAPR, Plant Archives)