

K. Luxsera

Pudukkottai, Tamil Nadu, India | 7010807907 | luxalisha40@gmail.com

Professional Summary

Passionate and detail-oriented B.Sc. Microbiology graduate from JJ College of Arts and Science, Pudukkottai (affiliated to Bharathidasan University), with hands-on experience in laboratory techniques and research. Recognized for strong problem-solving skills, teamwork, and dedication to scientific exploration. Completed multiple value-added courses and workshops in advanced microbiological topics, with certificates in laboratory operations, hematology, fermentation technology, and more. Eager to contribute to research, healthcare, agriculture, or industry with a solid foundation in microbiology.

Education

Bachelor of Science in Microbiology

JJ College of Arts and Science (Autonomous), Pudukkottai

Affiliated to Bharathidasan University

Graduation Year: 2025

Core Skills

- Aseptic Techniques and Laboratory Hygiene
- Microscopy and Gram Staining
- Culture Media Preparation and Microbial Culturing
- Identification of Bacteria and Fungi
- Sterilization Techniques (Autoclave, Hot Air Oven)
- Biochemical Testing for Microorganisms
- Handling Lab Equipment (Laminar Air Flow, Incubator, pH Meter)
- Record Maintenance and Report Writing
- Basic Molecular Techniques

- Team Collaboration and Time Management

Basic Skills of a Microbiologist

- Accurate and precise laboratory work
- Maintenance of sterile working environments
- Culturing, isolating, and identifying microorganisms
- Preparation and sterilization of culture media
- Conducting tests for microbial contamination
- Use of microscopes and other laboratory instruments
- Analyzing data and interpreting results
- Documenting experiments and maintaining records
- Ensuring laboratory safety and adherence to protocols

Workshops & Certifications

Value-Added Courses at JJ College of Arts and Science:

- Laboratory Operations and Techniques
- Hematology
- Fermentation Technology
- Mushroom Cultivation
- Instrumentation Techniques

International Workshop on Mushroom Technology - Jamal Mohamed College, Trichy

Two-Day National Conference - 'Novel Approaches to Mitigate Emerging and Re-emerging Diseases' - MB

Attended several National and State-level conferences related to microbiology

(Certificates available upon request)

Languages

- Tamil - Fluent
- English - Fluent

Hobbies & Interests

- Exploring nature and microbes
- Reading microbiology articles and journals
- Gardening and eco-friendly activities
- Volunteering in science awareness events

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.

Date: 05-06-2025

Place: Pudukkottai

Certificates



J.J.COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(A Silver Jubilee Institution)

(Re-Accredited by NAAC with B++ Grade - 4th Cycle), Affiliated to Bharathidasan University - Truchirappalli
J.J. Nagar, Sivapuram Post, PUDUKKOTTAI - 622 422

No :

PG and Research Department of Microbiology



This is to certify that Mr./Ms. **K.LuxSera** (U22MB12212)

I - UG **Microbiology** has successfully completed the

Value Added Course on **"Laboratory Operation Techniques"**

conducted by the PG and Research Department of Microbiology, J.J.College of Arts and Science (Autonomous),

Pudukkottai, from **17.12.22** to **18.03.23**

Head of the Department

Principal

[Signature]



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J.J. Nagar, Sivapuram Post, PUDUKKOTTAI - 622 422

No :

PG and Research Department of Microbiology



This is to certify that Mr./Ms. Luxsma .K (U22MB1021)

III - B.Sc Microbiology has successfully completed the

Value Added Course on "Mushroom Farming"

conducted by the PG and Research Department of Microbiology, J.J.College of Arts and Science (Autonomous),

Pudukkottai, from August... to October...

2024 2024

Head of the Department



I. David
Principal



J.J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
Sivapuram, Pudukkottai - 622 422

P.G. & RESEARCH DEPARTMENT OF MICROBIOLOGY

National Conference on

**NOVEL APPROACHES TO MITIGATE EMERGING
AND RE-EMERGING DISEASES**

**NAMERD
2023**

**27th and 28th
January 2023**

Sponsored by



DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science and Technology, Govt. of India, New Delhi.

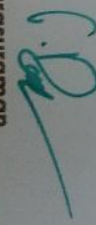
Certificate

This is to certify that ~~Mr.~~Ms./Dr. **K. Luxsara** I - UG (Microbiology),

J.J. College of Arts and Science (Autonomous), Pudukkottai.

participated in the National Conference on "Novel Approaches to Mitigate Emerging and Re-emerging Diseases" jointly organized by the Microbiologists Society, India - MBSI and P.G. & Research Department of Microbiology, J.J. College of Arts and Science (Autonomous), Pudukkottai, Tamilnadu on 27th & 28th January 2023.


Mr. N. Subramanian
Chief Patron


Dr. J. Parasuraman
Patron


Dr. P. Jeeyan
Organising Secretary

Dr. P. P. Jeevan
Organising Secretary

Dr. J. Parasuraman

Mr. N. Subramanian



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(A Silver Jubilee Institution)

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J.J. Nagar, Sivapuram Post, PUDUKKOTTAI - 622 422

No :

PG and Research Department of Microbiology



This is to certify that Mr./Ms. K. Luxsara (U22MB12212)

II - U6 Microbiology has successfully completed the

Value Added Course on "Hematology"

conducted by the PG and Research Department of Microbiology, J.J. College of Arts and Science (Autonomous),

Pudukkottai, from July 2023 to September 2023

Head of the Department



Principal