



NEHRU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

(Affiliated to Bharathiar University Accredited with "A+" Grade by NAAC,
ISO 9001:2015 (QMS) Certified, Recognized by UGC with 2(f) &12(B),
Under Star College Scheme by DBT, Govt. of India) Nehru Gardens, Thirumalayampalayam,
Coimbatore - 641 105, Tamil Nadu, India. E-mail: nascoffice@nehrucolleges.com. Web Site:
www.nehrucolleges.net



Moulding True Citizens

About Nehru Arts and Science College

NAAC accredited with A + with CGPA 3.5

NIRF ranking band 101-150

India Today Ranking -One among the Top 100 colleges

IIC ranking-4 star Modern infrastructure and Lan facilities

Industry oriented skill development programs

School of Life Sciences Department of Microbiology

Courses offered

B. Sc. Microbiology
M. Sc. Microbiology
Ph. D. Microbiology



Value added courses

- 1. Gene Editing**
- 2. Food safety and HACCP**

Department Profile

All the faculties with Doctorates and Guide ship.

Production units - Herbal soaps, Vermi compost, Herbal Hair Oil.

High end Instrumentation

Domain specific placements are provided.

Students are placed globally in various industries and hospitals.

Coaching for competitive exams.

Focusses on the knowledge enhancement

Eligibility Criteria

B. Sc. Microbiology - A pass in HSC with Biology

**M. Sc. Microbiology - A pass degree in Microbiology, Botany,
Zoology, Biotechnology, etc.,**

ROUTE MAP - B. Sc Microbiology

SEMESTER	ACADEMIC	TRAINING	CERTIFICATION
1	• Introduction of Microbiology, History and scope of Microbiology, Cell Biology	• Basic techniques in Microbiology	• Environmental Studies
II	Knowledge on Microbial Classification and Genetic studies	Biochemical Analysis	Lingua Skill from Cambridge University
III	Microbial Physiology and Metabolism. Knowledge on Environmental, Agricultural Microbiology	1. Techniques in Agricultural and Environmental Microbiology. 2. Solid Waste Management	Food Safety and HACCP
IV	Molecular Biology	Techniques in Molecular Biology	1. Coursera – Diet Management in Health and Disease 2. Internship
V	Industrial, Medical Microbiology	Training in Processing the Clinical samples	Industrial Visit
VI	Food Microbiology	Training in Food Analysis	1. Add on course – Gene Editing. 2. Project Work

ROUTE MAP - M. Sc Microbiology

SEMESTER	ACADEMIC	TRAINING	CERTIFICATION
I	Essentials of Microbiology	Analytical Microbiology	
II	Food Microbiology	Training in Food Analysis	1. Add on course – Gene Editing. 2. On line course- Swayam/NPTEL
III	Virology and Mycology	Training in processing Clinical samples for Virus and Fungi	Internship training
IV	Medical Microbiology	Training in processing Clinical samples for Bacterial infections	Project and Viva voce

Contact for Admission

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