



CMS COLLEGE OF SCIENCE & COMMERCE

(AUTONOMOUS)

AFFILIATED TO BHARATHIAR UNIVERSITY, COIMBATORE, TAMIL NADU, INDIA

A+ Grade by NAAC (3.38 Points)

College with Potential for Excellence

Recognized under STAR COLLEGE SCHEME, DBT, GOVT. OF INDIA

ADMISSION OPEN

SCHOOL OF BIOLOGICAL SCIENCES

DEPARTMENT OF BIOCHEMISTRY

Surpassing Excellence, where flaws turn into perfections

SALIENT FEATURES

- Separate Laboratory Facilities for UG and PG and Research students.
- Tie up with reputed clinical Laboratories and Nationalized Institutes
- Laboratory has latest instruments
- Value Added Programme and Modular Courses are offered
- 100% Placement

PROGRAMMES OFFERED

- B.Sc Biochemistry
- M.Sc Biochemistry
- M.Phil Biochemistry
- Ph.D Biochemistry
- Certificate Course in Principles of HACCP
- Certificate / Diploma Course in Clinical laboratory Technology

Healthy Practices of the Department

- Free Coaching CSIR –UGC NET, ARS, GATE UGC-NET.
- Development of Civic sense and responsibility
- Yoga Practices and Mental Wellbeing.
- Mentoring System, Career Counseling and Guidance.

Placement Opportunities

Our Students are with BIOCON, Sun Pharma, Bioline, Zilodrug, OrbitoAsia Diagnostics, Medgenomics, Molecular Connections



Athipalayam Rd,
Chinnavedampatty,
Coimbatore, Tamil Nadu 641049

Contact Details : 0422 073589 73922

+91 7904349498

cmsbiochem@gmail.com



CMS COLLEGE OF SCIENCE & COMMERCE

(Autonomous) CHINNAVEDAMPATTI, COIMBATORE -49.

AFFILIATED TO BHARATHIAR UNIVERSITY

A+ Grade by NAAC (3rd cycle 3.38 Points)

College with Potential for Excellence,

Recognized by DBT STAR College Scheme of Govt of India

SCHOOL OF BIOLOGICAL SCIENCES DEPARTMENT OF BIOTECHNOLOGY

DBT STAR
COLLEGE ★
DEPARTMENT

What is Biotechnology?

Biotechnology is the application of Biochemistry, Microbiology, Genetics and Engineering in an integrated fashion with the goal of using microorganisms, cell lines and tissue cultures to manufacture useful products like insulin, drugs etc...

About the Department

The Department of Biotechnology was established in the year 2003 with a build up area of approx 1100 sq meters. It has spacious and well equipped laboratories with designated areas for different courses.

Courses Offered:

B.Sc Biotechnology	– A Pass in +2 with Science
M.Sc Biotechnology	– B.Sc Degree in Life Science
M.Phil Biotechnology	– As per BU Norms
PhD Biotechnology	– As per BU Norms

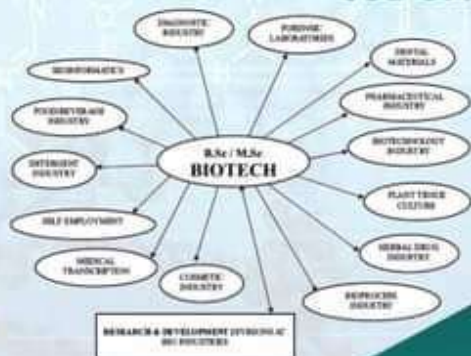
Salient Features:

Infrastructure: Separate labs for UG & PG, Research Lab, Microbiology Lab, Plant tissue culture Lab, Animal cell culture Lab, Molecular Biology & Genetic engineering Lab, Poly house and Green house.

Specific Equipments: BBraun Lab Scale Bioreactor, Lyodel Lyophilizer, Waters HPLC, Walk in Cold room, Inverted Microscope, Milli Q water purification system, BOD incubators, CO₂ incubator, PCR, -20degree & -80 degree, Gel documentation unit etc..

Staff Profile: A well qualified teaching team with specialization in various biotechnology fields of research with PhD, NET / SET qualifications.

JOB OPPORTUNITIES



Healthy Practices:

- Eco club, Dr APJ Abdul Kalam memorial day, National Science day celebration
- Certificate course in First – Aid,
- Value Added Program – Principles of HACCP
- Modular courses for students to improve basic other science subjects and Skill based training program.

Centre For Advanced Bioinstrumentation And Bioanalysis (CABB)

It was initiated with a motto to promote research and bioinstrumentation skills among the students of the School of Biological Sciences.

Placements:

- Biocon, Bangalore
- Central Plantation Crops Research Institute, Kerala
- Cipla Pharmaceuticals, Bangalore.
- Indian Institute of Science, Bangalore
- Indian Institute of Spices Research, Kerala
- Indian Immunological Limited, Ooty
- VWR International, Coimbatore
- Zifo Technologies, Chennai.

☎ 73589 73922, 81229 18865



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ABOUT MICROBIOLOGY DEPARTMENT:

The Department was established in the year 2004 with the aim of imparting knowledge in Microbiology among students to provide high professional competence.

SALIENT FEATURES:

Infrastructure: UG & PG Microbiology Laboratory, Algology Laboratory, Medical Microbiology Laboratory, Environmental Microbiology Laboratory.

All the Labs are well equipped with sophisticated instruments like UV -spectroscopy, High speed cooling centrifugation, Orbital shaker, individual LAF chambers, autoclave, incubators, electrophoretic instruments, etc.

Staff Profile: A well qualified teaching team with specialization in various microbiological field of research having M.Phil, Ph.D. and NET qualification.

VAP & Modular Courses:

Skilled Based Training is provided to students for their improvement in knowledge based skill

➤ Certificate course in First-Aid ➤ Principles of HACCP

Modular subjects are offered to students for the improvement of basic knowledge in other related biological subjects



SCHOOL OF BIOLOGICAL SCIENCES DEPARTMENT OF MICROBIOLOGY



HEALTHY PRACTICES:

World Zoonotic Day: Students presented posters and create awareness about the zoonotic infections. Micro Fest, National Science Day Celebration, Eco Club, etc. are the other healthy practices of the department.

COURSES OFFERED

B.Sc. | MICROBIOLOGY

M.Sc. | MICROBIOLOGY &
APPLIED MICROBIOLOGY

M.Phil. | MICROBIOLOGY

Ph.D. | MICROBIOLOGY

PLACEMENT OPPORTUNITIES

- ✓ Scientists at National and International Research Institutes
- ✓ Research Assistants in Food & Agri Industries
- ✓ Quality control analyst in Microbiological Industries
- ✓ Medical Laboratory Microbiologists



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