

## School of Life Sciences



# M.Sc. Microbiology

## Admissions Open

### 2024 - 2025



Scan to Apply

Leading Life Through Science

## ABOUT SCHOOL OF LIFE SCIENCES

The School of Life Sciences was established at B. S. Abdur Rahman Crescent Institute of Science and Technology with twin objectives of making the campus cross disciplinary and teaching and research programmes across interdisciplinary areas of Life sciences.

The school is emerging as a hub for State-of-the-Art research in all fields related to Molecular Biology, Bio - Chemistry, Microbiology, Bio - Technology, Cancer Biology, Genetics, etc., through sponsored projects from industries and Government agencies. It has also been a good destination for training for scientists, researchers, technicians in hospitals, industry workers in advanced laboratory techniques with hands on experience, through short term intensive programmes.

The School offers diploma, degree, undergraduate, postgraduate and doctoral programmes in Life sciences.

### Vision

To attain new heights in biotechnology education and research, shaping life sciences into a premier precision tool for the future for creation of wealth and ensuring social justice-specially for the welfare of the socially weaker group

### Mission

- The mission of the school of life sciences is to maximize the benefits of Biotechnology to the Institute, the nation and the globe
- Being an excellent quality, comprehensive, multidisciplinary school that supports, coordinates, disseminates knowledge to the community
- Apply biotechnology in the areas of social welfare and entrepreneurship

## SALIENT FEATURES

- ▶ Accredited with "A+" Grade by NAAC.
- ▶ Certified ISO 9001:2015 by DNV-GL
- ▶ Value Added Programmes
- ▶ Industrial Visits and industrial Internship
- ▶ Mini Projects carried out by Students
- ▶ Free ICMR, DBT and CSIR coaching
- ▶ Career Guidance & Counseling
- ▶ Technical Symposia / Seminars for Students
- ▶ MoU with Universities in abroad and Industries
- ▶ Highly qualified Faculties with Ph.D. and Post-Doc from USA
- ▶ DBT-BIRAC-BIONEST grant to nurture student Start-Ups
- ▶ Separate hostel for men and women
- ▶ Student Amenity Center

## LABORATORY & RESEARCH FACILITIES

- ▶ Biochemistry Lab
- ▶ Molecular Biology Lab
- ▶ Microbiology Lab
- ▶ Genetics Lab
- ▶ Computational Biology Lab
- ▶ Animal Cell Culture Lab
- ▶ Plant Tissue Culture Lab
- ▶ Proteomics & Genomics Lab
- ▶ Bioinstrumentation Lab
- ▶ Genetic Engineering Lab
- ▶ Natural products Lab
- ▶ Nanotechnology Lab
- ▶ Food Biotechnology lab
- ▶ Bioprocess Technology lab
- ▶ Central Research Facility -(SLS)





In collaboration with University of Missouri, USA established Mizzou-Crescent research center and doing the following

- ▶ Collaborative research
- ▶ Life Sciences Innovation and Management course
- ▶ Students exchange program
- ▶ Summer internship in University of Missouri with scholarship



## STUDENTS ACHIEVEMENTS

- ▶ Start-up companies by students.
- ▶ Students bagged ICMR and DST-INSPIRE fellowships
- ▶ Qualified in GATE and CSIR
- ▶ High Impact journal publications by students
- ▶ Patents filed by students

## STUDENTS START-UP

Bio-Nest Biotech incubator funded by DBT-BIRAC Govt. of India to nurture student start-ups in Biotechnology innovation and entrepreneurship. This will help the students to translate their idea into products and to initiate start up companies with support from the Government grants.



## STUDENT EXCHANGE PROGRAM

Student Exchange Program with Abroad Universities

- ▶ Johns Hopkins University, USA
- ▶ University of Virginia, USA
- ▶ Purdue University, USA
- ▶ University of Central Florida, USA
- ▶ University of Missouri, USA
- ▶ Florida Atlantic University, USA
- ▶ University of Nottingham, UK
- ▶ University of East London, UK
- ▶ University of Central Lancashire, UK
- ▶ Curtin University, Australia
- ▶ Deakin University, Australia
- ▶ Tzu Chi University, Taiwan
- ▶ University of Malaya, Malaysia
- ▶ University Teknologi MARA, Malaysia
- ▶ Korea aerospace University, Korea
- ▶ Incheon National University, Korea



## STUDENTS PURSUING INTERNSHIPS & HIGHER STUDIES



## PLACEMENT OF OUR STUDENTS



## OUR INSTITUTION RANKINGS



2023  
Engg:101-150  
Univ: 151-200



SDG 4: 75 | SDG 6: 77  
SDG 7: 101-200  
SDG 17: 301-400



QS Asia University  
Ranking 2024 (801+)



Diamond

Please refer our website for further details

Apply Online

[www.crescent.education](http://www.crescent.education)