



**SWAMI RAMANAND TEERTH
MARATHWADA UNIVERSITY,
NANDED-431606**

**M Sc Integrated Biotechnology
(Five Year) Course**

**SCHOOL OF LIFE SCIENCES
SWAMI RAMANAND TEERTH
MARATHWADA UNIVERSITY,
NANDED-431606**

Director: Prof G Gyananath

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Coordinator Dr B S Surwase

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Web Site www.srtmun.ac.in

About the School : The School of Life Sciences, sponsored by the Department of Science and Technology under the FIST program, offers M Sc and Ph D program in various branches of Life Sciences. The School is also supported by the UGC under the Basic Sciences Research Program.

**M Sc Integrated Biotechnology Course
(Five Year)**

Salient features of the Course:

1. A unique course ,which provides M Sc degree through rigorous training of five years after 12th Science .
2. This multidisciplinary course provides balanced and comprehensive knowledge of all basic as well as applied subjects related to Biotechnology.
3. The credit system well as the semester system has been followed for this course. Students have to take 25 credits / semester and completion of 250 credits in the form of papers, projects etc make students eligible for the Integrated Biotechnology degree.
4. In the five years of teaching, both class room and laboratory training in various aspects of Biotechnology and related subjects like Basic Biology, Cell and Molecular Biology, Genetics, Biochemistry, Genomics , Proteomics, Bioinformatics, Immunology, Instrumentation, Plant and

Animal tissue culture, Physics, Chemistry and Mathematics/ Statistics etc is imparted.

5.The teaching program of this course is conducted on the Campus of SRTM University, Nanded.

Course details:

1. **Name of course :** M Sc Integrated Biotechnology (Five year)
2. **Intake :** 20
3. **Eligibility :** 12th pass with Science
4. **Medium of instruction :** English
5. **Course Fees :** Rs 25,000/- per year

Eligibility Criteria : Admission to this course will be given on the basis of merit obtained in MHT-CET conducted by the Government of Maharashtra. For out of state candidates , their respective CET will be considered for the merit.

Schedule of admission : Schedule of the admission to this course will be declared by the University in the first week of June. The details will also be available on the university web site.

Scholarships available: Scholarship of Rs 3000/-per month plus admission fees for first and second candidate and Rs 2000/- for the

third and fourth candidate is available. Apart from these four Scholarships, students can apply for KVPY ,INSPIRE and Jawaharlal Nehru Centre for Advanced Scientific Research Scholarships. Students are also eligible for scholarships under Social Welfare Department of Government of Maharashtra.

Eligibility for Integrated degree: A student who successfully completes ten semesters of this course will be awarded M Sc Integrated degree. However, those students who successfully complete first three years of Integrated course and desire to discontinue the program shall be eligible for the award of B Sc degree.

Scope of the Subject :

1. Teaching in Colleges, Universities and Institutes.
2. Research Associate and Research Fellow in Research Institutes, Universities of national and International repute.
3. Jobs in pharmaceutical companies as a researcher.

4. Ph D programs in national and international institutes
5. Jobs in Agriculture related industries
6. Jobs in Health and medicine related Industries.

Facilities available:

1. Modular Laboratory is under construction.
2. Library facility
3. AAS, HPTLC, Fermenter,
4. LCD projector
5. HPLC
6. PCR
7. Plant Tissue Culture Laboratory
8. High speed Cooling Centrifuge
9. Power generator
10. Computer lab with Internet facility.
11. Hostel accommodation
12. Health Facility etc.
13. NET/SET Coaching
14. Remedial coaching
15. Pre IAS coaching
16. Sub campus of YASHDA

Faculty of the School :

Sr No	Name of the Faculty	Designation	Educational Qualification
1.	Dr. K. S. Mohan	Professor	M. Sc. P.hD.
2.	Dr. G. Gyananath	Professor & Director Head, Zoology	M. Sc. P.hD.
3.	Dr C. N. Khobragade	Professor & Head, Biotechnology	M. Sc. P.hD.
4.	Dr. T. A. Kadam	Associate Professor & Head, Microbiology	M. Sc. P.hD.
5.	Dr. R. N. Gacche	Associate Professor & Head, Botany	M. Sc. P.hD.
6.	Dr. Mrs. A. P. Pathak	Associate Professor	M. Sc. P.hD.
7.	Dr. B. S. Surwase	Associate Professor & Coordinator, Int. Biotechnology	M. Sc. P.hD.
8.	Dr S P Chavan	Associate Professor	M. Sc. P.hD.
9.	Mrs. H. J. Bhosale	Assistant Professor	M. Sc.
10.	Dr. L. H. Kamble	Assistant Professor	M. Sc. P.hD.
11.	Dr. R. M. Mulani	Assistant Professor	M. Sc. P.hD.
12.	Dr. G. B. Zore	Assistant Professor	M. Sc. P.hD.
13.	Dr. S. H. Nile	Assistant Professor	M. Sc. P.hD.