

- M.Sc. Stem Cell and Regenerative Medicine,
- M.Sc. Medical Biotechnology
- M.Sc. Biotechnology

Centre for Interdisciplinary Research

D. Y. Patil Education Society

Deemed to be University, Kolhapur
Accredited by NAAC with 'A++' Grade

"IMPARTING KNOWLEDGE WITH EXCELLENCE"



ADMISSIONS OPEN

About Us :

The M.Sc. programmes in Stem Cell and Regenerative Medicine (SCRM) , Medical Biotechnology (MBT) and Biotechnology at the Centre for Interdisciplinary Research (CIR) are designed to cultivate next-generation scientists and innovators in the biomedical field. These programs combine rigorous academic training with hands-on research experience, equipping students to address real-world healthcare challenges through science and technology.

The M.Sc. in Stem Cell and Regenerative Medicine focuses on cellular therapeutics, tissue engineering, nanomedicine, and translational research, offering students the opportunity to work in state-of-the-art laboratories and gain clinical exposure through the adjoining 750-bedded super-specialty hospital.

The M.Sc. in Medical Biotechnology and Biotechnology emphasizes molecular diagnostics, genetic engineering, bioinformatics, and advanced therapeutic development, preparing students for careers in biotech industries, diagnostics, and research institutes.

The programmes align with the National Education Policy (NEP 2020), including industry-integrated modules and entrepreneurship skills. Students benefit from national and international collaborations, MoUs with foreign universities, faculty and student exchange programs. The presence of Adjunct Professors from NCL, NCCS, and BARC, along with frequent guest lectures by global experts, enriches the academic experience. Meritorious students are awarded the prestigious Sou. Shantadevi D. Patil Merit Scholarship, which provides a 100% fee waiver every year. Through these programmes, CIR nurtures skilled, research-driven, and industry-ready professionals poised to make impactful contributions in biomedical sciences and regenerative medicine.

CIR Offers Unique programmes

1. Unique & Less offered courses.
2. Syllabus well aligned with NEP to prepare student for national examinations (NET, GATE)
3. Job oriented / good research platform as per modern industrial needs.

M. Sc. in Stem Cell and Regenerative Medicine

Duration: 2 years (choice based credit system, 4 semesters)

EXPOSURES

- **Be Part of a Growing Field** : Stem cell and regenerative medicine is a hot area in science. It's developing new ways to treat diseases like cancer, diabetes, heart disease, and injuries. MSc. Stem Cell and Regenerative Medicine puts you at the forefront of this exciting, fast-moving field.
- **Lots of Career Opportunities** : Post-graduates can work in research labs, biotech companies, hospitals, or universities. You could become a scientist, lab manager, or even work on developing new medicines. The demand for experts in this area is growing as more treatments are developed.
- **Learn Cutting-Edge Skills** : MSc. program teaches you how to work with stem cells, 3D printing, use advanced lab tools, and understand how to create new therapies. These skills are valuable and in demand.
- **Global Opportunities** : This is a worldwide field. With an MSc, you can work in top research centers or companies in countries like the US, UK, or Germany.

Number of Seats : 10

CAREER OPPORTUNITY :

- **Govt Sectors** : Govt research laboratories such as NCCS, Instem, AIIMS, IITs, CSIR, CDRI, DRDO, CCMB, NII, ICMR, IISER etc.
- **Private Sectors** : Stem cell industries, cord blood banking sectors, pharmaceutical and biotech industries, 3D printing industries, Own startups of Stem Cell and Tissue Engineering and health care products, R&D sectors etc. e.g. Stempeutics, Advancells, Regenovo, Stemplus, Reliance life sciences, Babycell, Giostar, Stemcyte, cordlife, etc
- **Research/Teaching** : Govt. and private universities/colleges/institutes (national and international), further higher studies in India or abroad.
- **Leadership qualities and entrepreneurship** : The programme builds leadership qualities in students to become entrepreneurs.

Eligibility:

Students with B.Sc. in Sericulture, Fisheries, Zoology, Botany, Microbiology, Biochemistry, Biotechnology, any related life science programmes, allied health science programmes, MBBS, BDS, BAMS, BHMS, B.Pharm and B.E./B.Tech. Biotechnology from recognized university with minimum 50% marks.

***Fees can be paid in installments**

Fellowship : Sou. Shantadevi Patil Scholarship (Full Fee waiver) given to meritorious students.

M.Sc. Medical Biotechnology (10Seats) / M.Sc. Biotechnology (10Seats)

Duration: 2 years (choice based credit system, 4 semesters)

EXPOSURES

- To interact and work at National Level Laboratories / industries.
- To interact with National / International Level Scientists for the enrichment of knowledge.
- To conduct experimental / project work in state-of-art advanced Instrumentation facilities at CIR.
- To move on in Wi-Fi campus with Hi-Tech Laboratories and Class rooms.

Total Number of Seats : 20

CAREER OPPORTUNITY :

- **Govt Sectors** : Govt research Institutes such as NCCS, CSIR, CDRI, DRDO, CCMB, NII, IIT, ICMR, IISER etc.
- **Private Sectors** : Virology labs, Covid testing labs, pharmaceutical and biotech industries, R&D sectors etc.
- **Research/Teaching** : Govt. and private universities/colleges/institutes (national and international), further higher studies in India or abroad.
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Eligibility:

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ALUMNI AND PLACEMENT



Deshmukh Shubhangi D.
Access Healthcare,
Pune



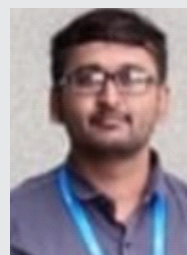
Gaikwad Samrudhi V.
ADVY Chemicals Pvt Ltd.,
Thane



Hajare Snehal S.
Sun Pharma Pvt. Ltd..
Aurangabad



Neha Kumamekar
ICMR-Project technical support-III,
Datta Meghe Institute of Higher
Education & Research, Nagpur



Sidhant Sawant
Project associate,
Vaccine Production
Biological E. Limited,
Hyderabad



Nikita Harale
Project Scientist,
NCG- National Cancer Grid India,
Tata Memorial Hospital, Mumbai



Koulagi Shraddha A.
Celon Pvt Ltd.,
Hyderabad



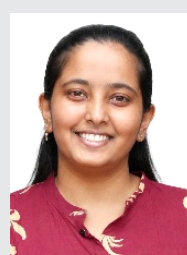
Kulkarni Angha G.
QC Microbiologist, Chem Test Lab.,
Thane



Phadtare Pratiksha G.
Celon Pvt Ltd.,
Hyderabad



Raj Verma
Project Assistant, ANRF-ECRG,
Chhatrapati Shahu ji Maharaj
University, Kanpur



Shrutika Madnaik,
Infinite Biotech Institute
of Research and Analytics,
Sangli



Pranoti Naikwade
Junior medical coder,
CareCode Pro. Info Tech (India)
Pvt. Ltd. Pune.



Date Bars :

▶ Application form online /offline opens	1 st Weeks of May onwards
▶ Last Date of submission of applications	1 st Weeks of June
▶ Entrance Examination	2 nd Weeks of June
▶ Announcement of Results	3 rd Weeks of June
▶ Course Commencement	1 st Weeks of July

Those who are appearing for B.Sc. final examination can also apply.

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Final dates will be displayed on our University Website : www.dypatilunikop.org
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Application is to be filled through link given on website
www.dypatilunikop.org. | www.cir.dypatilunikop.org
Email ID : cirofficedyp@gmail.com

For all Details
Contact
9423981296, 7030934461