M.Sc. Stem Cell and Regenerative Medicine & M.Sc. Medical 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 :

Our Centre for Interdisciplinary Research (CIR) is striding fast and steady "to become a world class institution of higher learning in health science education, training and research" as envisioned by our Founder President Dr. D. Y. Patil, Padmashree Awardee.

Today, CIR is one of the very few reputable destinations in the region that caters to and provides a learner centric ecosystem for all round development. CIR is well equipped with excellent minds and complimented with state of art infrastructure, knowledge resources and many more. Our unique positioning within the D. Y. Patil Education Society provides us with the advantage of seamless integration with our other sister organizations to readily conduct research and accelerate career growth. CIR looks forward to keep attracting young, dynamic and fresh minds to be part of our journey. We welcome you to explore our engagement with interdisciplinary research and innovations for furtherance of knowledge, technology and community development. Keeping pace with our society's need and aspirations of the youth to familiarize with New frontiers in Medical Physics and Physics, CIR offers M.Sc & Ph.D programs in Medical Physics & Physics related fields to develop man power with well established laboratories and sophisticated Hi-Tech instruments.

M. Sc. in Stem Cell & 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.

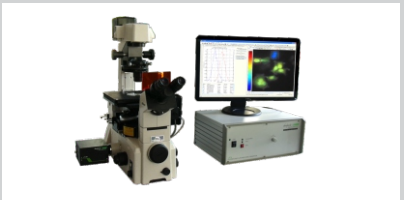
Number of Seats : 10

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 Graduation in B.Sc. in Sericulture, Fisheries, Zoology, Botany, Microbiology, Biochemistry, Biotechnology, any related life science programmes, or MBBS, BDS, BAMS, BHMS, B.Pharma or B.E./B.Tech. Biotechnology from recognized university with 50% marks.

3D Bioprinter


Epifluorescence Microscope


Microplate reader


Co_2 Incubator


Autometed Tissue Processor


Elisa Washer

M.Sc. Medical Biotechnology
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.

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.
- **Leadership qualities and entrepreneurship :** The programme builds leadership qualities in students to become entrepreneurs.

Eligibility :
Students with Graduation in B.Sc. in Sericulture, Fisheries, Zoology, Botany, Microbiology, Biochemistry, Biotechnology, any related life science programmes, or MBBS, BDS, BAMS, BHMS, B.Pharma or B.E./B.Tech. Biotechnology from recognized university with 50% marks.


Cooling Centrifuge


Inverted Compound Microscope


Shaker Incubator


Biosafety Cabinet


Multiskan Sky Spectrophotometer


RT - PCR

Date Bars :

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

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

Final dates will be displayed on our University Website : www.dypatilunikop.org

Application is to be filled through link given on website www.dypatilunikop.org.

For all Details

Contact

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