



## **D. Y. Patil Education Society**

(Institution Deemed to be University), Kolhapur  
Re-Accredited by NAAC with 'A' Grade

**M.Sc. Stem Cell and Regenerative Medicine**

**M.Sc. Medical Biotechnology**

*Imparting knowledge of 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 the 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 Stem Cell and Regenerative Medicine and Medical Biotechnology, CIR offers M.Sc & Ph.D programs. The department is continuously engaged in innovative research & teaching. The department is well versed with the state of the art facility including Tissue culture facility, Fluorescent microscope, ELISA, Western blotting, CO<sub>2</sub> Incubator, Cooling centrifuge, RT-PCR and many more.

## M. Sc. in Stem Cell & Regenerative Medicine-

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

### ■ Exposure-

- 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 : 10

### ■ Eligibility:

Students with Graduation in B.Sc. in Agriculture, 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.

### ■ Career Opportunities-

#### • Govt Sectors:

Govt research laboratories such as NCCS, Instem, AIIMS, IITs, CSIR, CDRI, DRDO, CCMB, NII, ICMR, IISER etc.

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#### 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.

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#### • 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.

## Campus Interviews : Placement Cell



Microplate reader



UV Visible Spectrophotometer



Co. Incubator



Deep Freeze



Elisa Reader



Elisa Washer



Nikon Ti-S Inverted Epifluorescence Microscope with Phase Contrast

## M.Sc. Medical Biotechnology-

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

### ■ Exposure-

- 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

### ■ Eligibility:

• Students with Graduation in B.Sc. in Agriculture, 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.

### ■ Career Opportunities-

#### ■ Govt Sectors:

Govt research laboratories such as NCCS, CSIR, CDRI, DRDO, CCMB, NII, 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.

## Campus Interviews : Placement Cell



Cooling Centrifuge



Olympus Inverted  
Compound Microscope



Incubator



Orbital Shaker



Centrifuge



FTIR-Bruker ALPHA



RT- PCR ( Step one Plus)



## Date Bars :

▶ Application form online /offline opens	2 <sup>nd</sup> Weeks of May onwards
▶ Last Date of submission of applications	1 <sup>st</sup> Weeks of June
▶ Entrance Examination	2 <sup>nd</sup> Weeks of June
▶ Announcement of Results	3 <sup>rd</sup> Weeks of June
▶ Course Commencement	1 <sup>st</sup> 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](http://www.dypatilunikop.org)  
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Application form can be downloaded from the University website  
[www.dypatilunikop.org](http://www.dypatilunikop.org) or may be collected from University office.

The completely filled application form is to be submitted to office in person or by post along with demand draft of Rs. 1000/- in favour of "The Registrar D. Y. Patil Education Society (Institution Deemed to be University), Kolhapur."

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For all Details

Contact

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For Stem Cell & Regenerative Medicine- 9518757400, 75076535350