

## Medical Physics & Physics

Centre for Interdisciplinary Research

### D. Y. Patil Education Society

(Institution Deemed to be University), Kolhapur

Re-Accredited by NAAC with 'A' Grade

**"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 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. Physics (UGC Approved)**

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 : 30**

### **CAREER OPPORTUNITY :**

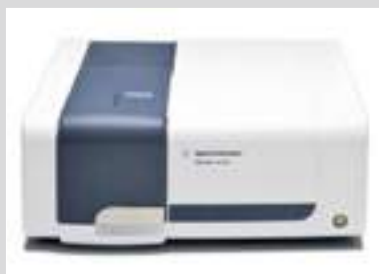
- **Private Sectors :**  
Industries, R & D Sectors.
- **Govt. Sectors :**  
Govt. Research Laboratories such as NCL, BARC, NPL, DRDO, DST, IISER, TIFR etc.
- **Research / Teaching :**  
Govt. and Private Universities / Deemed University / Colleges/Institute (National & International) For Higher Studies at abroad / India.

**Eligibility : B. Sc (Physics)**

**Our Goal is to cultivate Leadership and Entrepreneurship Quality.**



**Magnetic Nanoparticle  
Hyperthermia**



**UV Visible  
Spectrophotometer**



**Silar Unit**



**Zeta Potential**



**X-Ray Diffractometer**

## **M.Sc. Medical Physics (AERB Approved)**

Duration: 2 years (credit based, 4 semesters) + one year internship at cancer hospital to be done by the candidates independently

### **EXPOSURES**

- To interact and work at National Level Laboratories / industries / radiation therapy hospitals.
- To interact with National / International Level Scientists for the enrichment of knowledge.
- To conduct experimental / project work at D. Y. Patil Hospital Research Centre and collaborative AERB Approved Cancer centres.
- To move on in Wi-Fi campus with Hi-Tech Laboratories and Class rooms.

**Number of Seats : 20**

### **CAREER OPPORTUNITY :**

#### ■ **Private Sectors :**

As a Medical Physicists / Radiological Safety Officer (RSO) in Cancer Hospitals, Industries based on the radiation Technology, R & D Sectors.

#### ■ **Govt. Sectors :**

Govt. Research Laboratories such as NCL, BARC, NPL, DRDO, NII, ICMR, DST, IISER, TIFR etc.

#### ■ **Research / Teaching :**

Govt. and Private University / Colleges / Institute (National & International) For Higher Studies at Abroad / India.

**Those who want to become a Medical Physicists and appear for RSO examination, it is mandatory to undergo one year Internship at AERB recognized Centres.**

**Eligibility : B. Sc (Physics) aggregate 60%.**



LINAC



CT SCAN



MRI



QA KIT



TLD Reader



## 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 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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