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भारतीय प्रौद्योगिकी संस्थान जोधपुर  
शैक्षणिक कार्यालय

Indian Institute of Technology Jodhpur

Office of Academics

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**Advertisement for Admission to M.S. (By Research) and M.S. (By Research)-Ph.D.  
Dual Degree program in Astronomy and Astrophysics,  
Semester I AY 2024-2025**

IIT Jodhpur, in collaboration with Aryabhata Research Institute of Observational Sciences (ARIES), Nainital, proposes to start MS(R) and MS(R)-Ph.D. program in Astronomy and Astrophysics to be run by IITJ-ARIES Joint Centre of Astronomy and Astrophysics at IIT Jodhpur hosted by the Inter-Disciplinary Research Division (IDRD) to enhance the research and development in Astronomy, Astrophysics and Atmospheric Sciences under the following themes:

- Astronomy and Astrophysics :
- Data Analytics and AI in Astronomy and Astrophysics
- Theoretical and numerical Modeling
- Atmospheric Science
- Geo-spatial Science & technology

The thesis will be under joint supervision by IITJ and ARIES. At least one supervisor from IITJ and one from ARIES will be appointed. The students will have to carry out the thesis work of MS(R) and MS(R)-PhD in IITJ or ARIES, depending on the project chosen and the thesis requirement.

**Evaluation:**

- MS(R): The Project / Thesis of MS (R) student will be required to be evaluated by one examiner outside the Institute from the list of examiners proposed by the SRC and the SRC.
- MS(R) & Ph.D.: The Thesis must be evaluated as per the regulations of IIT Jodhpur.

IIT Jodhpur invites applications for admission to the M.S. (by Research) program offered by IITJ-ARIES Joint Centre of Astronomy and Astrophysics for the Semester commencing from July 2024 (Academic Year 2024-25).

**Program Duration:**

**MS(R):** 2-4 years for full-time students and 3-5 years for part-time students.

**MS(R)-Ph.D Dual Degree:** After completing the two semesters MS(R)-Ph.D in Astronomy and Astrophysics, the student can register for a maximum of 14 semesters.

**General Information:**

***A. Application Procedure***

Applicants are requested to use the following link to fill out and submit the application form online:

MS by Research [Click here](#)

MS by Research -Ph.D. dual Degree: [Click here](#)

*For admission to the First Semester of the AY 2024-2025 commencing in June-July 2024, this online link will remain active till 20 May 2024.*

Applicants belonging to GEN-UR, GEN-EWS, and OBC categories are required to pay a processing fee of Rs. 300 online, while SC, ST, and PD applicants need to pay Rs.150 during the submission of their application forms.

**In case of any query concerning the online application, applicants may contact the ERP Team ([erp@iitj.ac.in](mailto:erp@iitj.ac.in)).**

**Other general queries on working days (between 10.00 am and 5.00 pm) may be directed to the following:**

*Office of Academics: 0291-280-1079/1133/1134;  
Email: [admissions@iitj.ac.in](mailto:admissions@iitj.ac.in)*

Applicants shortlisted for the admission process will be required to bring the final submitted application form duly signed along with the original and a copy of all educational testimonials at the time of admission.

### **Eligibility for Admission:**

The eligibility criteria prescribed below are the absolute minimum:

- a) The applicant must have a bachelor's degree in engineering or science (4-year program) or a master's degree in physics, chemistry, mathematics, or a related field.
- b) A minimum of 60% marks for GEN/OBC (55% for SC/ST) category in aggregate or as specified by the university/institute or a minimum CGPA of 6.0 for GEN/OBC (5.5 for SC/ST) category on a scale of 10, with corresponding proportional requirements when the scales are other than on 10 (for example, 4.8 for GEN/OBC category and 4.4 for SC/ST) on a scale of 8) or a first-class as specified by the university/institute.
- c) The applicant must either have a valid GATE score or be exempted from GATE as per the MHRD circular or have qualified in an equivalent National Examination or have been allowed in the written test and/or interview conducted by IIT Jodhpur and ARIES jointly.

### **Reservation Policy:**

The reservation norms for different categories shall be adopted as laid down by the Ministry of Education, Government of India.

### **Financial Assistance:**

MS(R): Selected candidates with a valid GATE/UGC/CSIR/CEED qualifier or an equivalent national exam score may get a fellowship equivalent to a JRF for a maximum of 2 years.

MS(R)-Ph.D: Selected candidates with a valid GATE/UGC/CSIR/CEED qualifier or an

equivalent national exam score may get a fellowship equivalent to a JRF for a maximum of 2 years and then an SRF after completion of the qualification requirements for the M.S.-Ph.D.

MS and MS-Ph.D Dual Degree students will also be eligible for a top-up amount of up to Rs. 20,000 in addition to the MoE or any other funding agency's assistantship depending on the availability of the additional funding with the Center and the performance of the student in the course, and research work.

**Important Dates:**

<b>Activity</b>	<b>Date</b>
Opening date of application	<b>7 May 2024</b>
Closing date of application	<b>6 June 2024</b>
Examination/Interview	<b>17 June 2024 (Tentative). It may happen either in IIT J or ARIES.</b>
Declaration of results	<b>27 June 2024 (Tentative)</b>

