



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute under Ministry of Education, Govt. of India)  
Transit Campus: C/o. Sree Rama Engineering College Campus, Karakambadi Road,  
Mangalam B.O., Tirupati – 517 507, Andhra Pradesh, India.

### ADVT. NO.: 21/2023 (Apply on or before July 12, 2023)

The Indian Institute of Science Education and Research Tirupati, is a premier Autonomous Institute of National Importance established by the Ministry of Education, Government of India, for promotion of high quality science education and research.

The Institute invites online applications from Indian nationals possessing excellent academic record and relevant work experience for the posts of Professor and Assistant Professor in areas of Biology, Chemistry, Earth and Climate Science, Humanities & Social Sciences, Mathematics, and Physics.

The details of the posts are as under:

S. No.	Name of the Post	SC	ST	OBC(NCL)	EWS	UR
1.	Professor	01	00	02	01	03
2.	Assistant Professor	04	02	06	03	10

Details of Scale of Pay and Educational Qualification & Experience are as under:

S. No.	Name of the Post	Scale of Pay	Educational Qualification & Experience
1.	Professor	Academic Pay Level-14A (Entry pay ₹. 1,59,100/-)	PhD with a first class in the preceding degree, with very good academic record throughout in addition to proven track record of outstanding research ability and proven leadership skills.  Minimum of ten years of relevant post-PhD research and teaching experience from India (or) abroad, of which, at least four years have to be at the level of Associate Professor from Institutes of Eminence / Institutes of National Importance like IITs, IISc Bangalore, IIMs, Central Universities, reputed National level Research Institutes/Laboratories etc.
2.	Assistant Professor	Academic Pay Level-12 (Entry pay ₹.1,01,500/-)	PhD with a first class in the preceding degree with very good academic record.  At least three years of relevant post-PhD experience in teaching / research / industry.



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### **PRIORITY RESEARCH AREAS –**

The priority areas for faculty recruitment for various departments are as given below:

**Department of Biology:** Biophysics, Cell/Molecular Biology, Computational/Systems/Mathematical Biology, Immunology, Infection Biology, Plant & Agricultural Sciences, Stem Cell/Developmental Biology, Structural Biology, Synthetic Biology, and Virology.

**Department of Chemistry:** Chemical Biology, Chemistry of Sensors/Imaging, Energy and Sustainability, Interfacial area and Catalysis, Materials Chemistry, Nanobio and Therapeutics, Polymer/Supramolecular Chemistry, Spectroscopy.

**Department of Earth and Climate Sciences:** Atmospheric Sciences, Environmental Sciences, Geology, Hydrology, Oceanic Sciences, Paleontology.

**Department of Mathematics:** Computer Science & Data Science, Econometrics, Financial Mathematics, Partial Differential Equations, Probability & Statistics, Real and Harmonic Analysis.

**Department of Physics:** Complex & Dynamical Systems, Condensed Matter Physics (Theory/Experimental), Gravitational Cosmology, High Energy Physics, Photonics, Quantum Optics, Quantum Technology/Computing, Soft Matter Physics.

**Humanities & Social Sciences:** Economics, History/Philosophy of Science, Indian Knowledge System, Language and Science Communication/Pedagogy, Psychology.

Candidates with excellent experience in internationalisation in education, innovation/entrepreneurship, intellectual property may also be considered. The Institute being a teaching institute, applicants with exceptional abilities and contributions in science pedagogy are eligible to apply.

The above specialization/ priority areas are only indicative. Notwithstanding anything mentioned above, truly outstanding applications in the relevant areas may be considered as per the requirement of the Institute. Exceptionally bright and motivated applicants with an established record of high-quality research and teaching with commitment to institution development are encouraged to apply.



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## **PART - A : GENERAL CONDITONS FOR THE APPLICANTS**

- 1) It shall be the sole responsibility of the applicant to fully satisfy that the individual possesses the essential qualifications and experience etc. as laid down in this advertisement for the post/s before applying for the position.
- 2) The applicant will be solely and entirely responsible for the authenticity of information and documents submitted by the individual. At any time during the process of selection or even after appointment, if it is found that the applicant was not eligible as per the qualifications and experience etc. prescribed for the post/s as per the advertisement, the candidature/appointment of the concerned individual will be cancelled/terminated immediately.
- 3) In case of any inadvertent mistake in the process of selection, which is detected at any stage even after the issue of appointment order, the Institute reserves the right to modify/withdraw/cancel any communication (including the offer of appointment) made to the applicant.
- 4) The qualifications prescribed should have been obtained from the Ministry of Education (MoE)/University Grants Commission (UGC) recognized Universities / Institutions in India (or) abroad.
- 5) Number of posts indicated may increase or decrease, if need be, as per the Institute's requirement. The Institute reserves the right to not fill some of the advertised posts and reject any or all of the applications without assigning any reason, thereof.
- 6) The pay shown is the minimum in the pay scale of the relevant post. Higher starting pay may be offered to deserving applicants on the specific recommendations of the Selection Committee and at the discretion of the Board of Governors of IISER Tirupati.
- 7) A waitinglist of candidates, as recommended by the Selection Committee, may be kept valid for a period of up to one year from the date of approval of the selection. In case applicants do not join or leave after joining the post within a period of one year, the waitlisted applicants may be offered the position within the validity period of the waiting list.
- 8) Application from the applicants working in Government Departments, Public Sector Undertakings and Government Funded Research organisations must be **sent through proper channel and with a clear certificate that the applicant (if selected) will be relieved within one month of receipt of appointment order along with Vigilance Clearance Certificate.** However, online application may be submitted before the last date as an advance copy. **The NOC must be submitted at the time of appearing for interview, failing which the applicant will not be allowed to appear for interview.**



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- 9) All the original documents regarding claim of experience, academic & professional qualifications, awards & recognitions must be submitted at the time of appearing for the interview/presentation and clear legible scanned soft copy must be uploaded at the time of filling the application. Applications with illegible uploads/scans will be summarily rejected.
- 10) The prescribed Essential Qualifications / Experience indicated are bare minimum and mere possession of the same will not entitle the Applicants to be called for interview / selection process. Where the number of applications received in response to an advertisement is large, the Institute may restrict the number of applicants to be called for interview to a reasonable number, based on qualifications and experience higher than that of the minimum prescribed in the advertisement as per the requirements of the Institute. Hence, the applicants should furnish full details of all qualifications and experience possessed in the relevant fields, over and above the minimum prescribed. The documentary evidences of qualification and experience will be verified during the selection process and any discrepancy found in documents will lead to cancellation of the candidature.
- 11) The Institute reserves the right to screen the applications and call only such applicants for interview who are found suitable as per the requirements of the Institute. Thus, just fulfilling the minimum eligibility criteria alone would not entitle an applicant to be called for interview.
- 12) In all matters relating to the eligibility of the applicant, screening / seminar presentation / interviews etc, the decision of the Institute will be final and binding on all the applicants.
- 13) The appointment of the selected applicant will be subject to being found medically fit as per the requirements of the Institute.
- 14) The Institute shall verify the antecedents or documents submitted by an applicant at any time, or during the tenure of the appointment. In case, it is detected that the documents submitted by the applicants are fake or the applicant has doubtful / unacceptable antecedents / background and had suppressed the said information, then the individual's services shall be liable to be terminated forthwith and in addition, legal action may be initiated against such applicants / employees as per law. The appointment orders issued by the Institute to the finally selected applicants, shall be provisional until the clearance of character and antecedents are received by the Institute.
- 15) The Institute reserves the right to revise or modify at any time any conditions of the advertisement by issuing a suitable amendment or corrigendum, as it may deem fit. Such corrigendum / addendum pertaining to this advertisement, shall be published only on the Institute's website.
- 16) All information regarding the selection process, such as shortlisting of applicants and important dates like Interview etc. shall be uploaded on the Institute's website



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(<https://www.iisertirupati.ac.in>) only and no separate written correspondence will be sent. It shall be the sole responsibility of the applicants to monitor the same. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.

- 17) Application submitted without any supporting documents/uploads (or) with unclear scans/illegible uploads (or) incomplete in any respect will be summarily rejected and no further correspondence will be entertained in this regard.
- 18) It is the sole responsibility of the applicant to ensure that all the documents uploaded are clear and legible. The Institute will not be responsible for illegible (or) unclear scans uploaded by the applicant. Illegible applications with improper (or) unreadable/unclear scans will be summarily rejected.
- 19) The interview / presentation will be held offline or online as per the requirements and decision of the Institute. Applicants will be duly informed of the same through appropriate notification in the website.
- 20) Canvassing in any form and / or bringing any influence, political, or otherwise by an applicant, will lead to disqualification of the applicant from the selection process. All disputes will be subject to jurisdiction of Courts of Law at Tirupati.

## **PART - B : DETAILS OF THE POSITIONS**

- 1) **Probation and superannuation:** Faculty positions at the level of Professor and Assistant Professor at IISER Tirupati have a prescribed period of probation of one year, which may be extendable. Probation will continue till a letter of confirmation is issued by the Competent Authority. Continuation in the position till the age of superannuation is subject to satisfactory clearance of the probation period. The age of superannuation for all faculty positions at IISER Tirupati is 65 years.
- 2) **Pay and Allowances:** All the above posts are as per the prevailing Central Government pay scales and carry allowances like House Rent, Dearness, Transport and Children's Education allowance, and other benefits like Medical, LTC, Telephone/Internet as admissible to the Central Government employees of the respective pay level posted in Tirupati as per prevailing norms.
- 3) **Pension:** All posts will be covered under New Contributory Pension Scheme of Govt. of India as per the extant norms of Government of India / Institute.
- 4) **Special incentives for New Faculty Members:**



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- a. Cumulative Professional Development Allowance (CPDA) as per the prevailing Gol norms. For applicants joining in between the year, it shall be on pro rata basis.
- b. Housing accommodation in campus shall be as per Institute rules, subject to availability.
- c. Reimbursement of travel and relocation expenses shall be admissible as per the Institute norms on successful completion of the probation period and subject to production of valid bills and receipts.
- d. A startup grant shall be provided for setting up the laboratory including essential equipment and consumables as applicable.
- e. Faculty are expected to seek additional grants from various government and non-government sponsoring agencies in addition to the funds provided by the Institute.

### **PART - C: RESERVATION ELIGIBILITY CRITERIA AND PROCEDURES**

- 1) All the applicants have to indicate their actual category / community in the application at the time of filling the application which shall be final and cannot be changed during the entire recruitment process. Requests for change of category will not be entertained.
- 2) Applicants belonging to SC/ST/OBC-NCL/EWS who fulfill the required educational qualification/Technical/Professional qualifications can also apply against UR vacancies. They will however, have to compete with the UR applicants and will not be eligible for any relaxation.
- 3) Applicants seeking reservation benefits available for the respective categories (SC / ST / OBC-NCL / PwBD / EWS) must ensure that they are entitled to such reservation as per eligibility criteria prescribed in the Government of India orders and must furnish the valid original certificates in support of their claim in the format prescribed by the Government of India and issued by the authority who is duly authorised to issue such certificates.
- 4) In case of OBC Applicants, the reservation is admissible only to those Applicants having “**Non Creamy Layer**” status. Further, such Applicants seeking reservation benefit under **OBC-NCL** category must ensure that:
  - a. Their caste is listed in the central list of OBCs
  - b. [[http://www.ncbc.nic.in/User\\_Panel/CentralListStateView.aspx](http://www.ncbc.nic.in/User_Panel/CentralListStateView.aspx)]
  - c. They are entitled to such reservation as per eligibility prescribed in Govt. of India orders issued from time to time
  - d. Possess the valid original certificates issued by the Competent Authority in the format prescribed by Govt. of India in support of their claim.



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Applicants called for the selection process will have to produce “Caste certificate” in the format prescribed by the Government of India, “Non Creamy Layer” certificate valid as on date of interview and Caste Validity Certificate (as applicable).

5) In case of EWS Applicants :

Refer Office Memorandum No. 36039/1/2019-Estt (Res) dated January 31, 2019 for details [ <https://documents.doptirculars.nic.in/D2/D02adm/ewsf28fT.PDF> ].

Persons who are not covered under the scheme of reservation for SCs, STs and OBCs and whose family has gross annual income is below INR 8,00,000/- (Rupees eight lakh only) are identified as Economically Weaker Sections (EWS) for availing benefit of reservation. Income shall also include income from all sources i.e., salary, agriculture, business, profession, etc. for the financial year prior to the year of application.

Also, persons whose family owns or possesses any of the following assets shall be excluded from being identified as EWS, irrespective of the family income:-

- i. 5 acres of agricultural land and above;
- ii. Residential flat of 1000 sq. ft. and above;
- iii. Residential plot of 100 sq. yards and above in notified municipalities;
- iv. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

Applicant needs to submit a valid certificate issued by the competent authority. The crucial date for submission of Income & Asset Certificate (Cut-off date) is the last date for receipt of applications. The certificate furnished must have clear mention of the financial year [2022-2023] and the validity year [2023-2024].

The property held by a "Family" in different locations or different places/cities would be clubbed while applying the land or property holding test to determine EWS status.

The term "Family" for this purpose will include the person who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

6) Once a applicant has chosen a specific reserved category, no request will be entertained for change to other reserved category viz. SC to ST, ST to SC, OBC to SC/ST or SC/ST to OBC, SC to EWS, EWS to SC, ST to EWS, EWS to ST, OBC to EWS, EWS to OBC (or) any other such requests.

7) In case of a applicant unfortunately becoming physically disabled during the course of the recruitment process, the applicant should produce valid document showing him/her acquiring a disability to the extent of 40% or more as defined under the Rights of Persons with Benchmark Disabilities (PwBD) Act, 2016 to enable him/her to avail the benefits of PwBD reservation for posts reserved under PwBD quota.



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- 8) Applicants belonging to reserved category viz. SC/ST/OBC-NCL/EWS/PwBD should submit the valid certificate issued by the appropriate authorities authorized to issue as mentioned in the respective category wise Gazette notification. In the absence of such certificate, the applicant (even claiming to be reserved) will be treated under Unreserved Category and will not be eligible for reserved positions.
- 9) The Applicants are required to submit the **VALID** caste/category/disability certificate issued by the Competent authority in the format prescribed by the Government of India for this purpose. The certificates submitted in this regard must be valid and not less than one year old as on the closing date of the advertisement. The Institute will not be responsible for any delay in submission of caste certificate by Applicants claiming reservation. Additional time shall not be provided for submission/upload of the certificates beyond the due date.

It is the responsibility of the applicant to ensure that the certificate submitted/uploaded is in the prescribed format mentioned in the respective Gazette notifications issued by the Government of India and their caste is mentioned in the respective category list (Central List) released by the Government of India.

### **PART- D : AFFIRMATIVE ACTIONS**

- 1) **IISER Tirupati strives to have a workforce which reflects gender balance and equity and hence women candidates fulfilling the eligibility criteria are encouraged to apply.**
- 2) Positions may be filled from the applicants with Persons with Benchmark Disabilities if found suitable, even if the post is not reserved under PwBD category. Therefore, **PwBD applicants fulfilling the eligibility criteria are encouraged to apply.**

### **PART- E : HOW TO APPLY**

**Last date for submitting on-line application is 1700 hours of July 12, 2023.**

1. Applicants are required to submit the application only online using the link available in the Faculty domain under the Careers section of the Institute website. (<https://recruitment.iisertirupati.ac.in/faculty/opportunities/>)
2. Instructions for filling the application online is mentioned in the portal link mentioned above. Applicants are requested to go through the instructions carefully and fill in the application. The Institute will not be responsible for any errors due to mis-interpretation of any column/field in the application form by the applicant, which may lead to rejection of the application. In case of any assistance, please contact the institute through email at [facultyrecruitment@iisertirupati.ac.in](mailto:facultyrecruitment@iisertirupati.ac.in) .





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3. Applications through email, post or any other means / mode of application shall not be accepted. No correspondence shall be entertained in this regard.
4. The following documents are required to be uploaded in PDF format along with the application form, as indicated in the portal. Applicants are hereby instructed to keep the following details ready with them while filling the application form:-
  - a. Curriculum vitae with a list of all publications.
  - b. Five best publications of the applicant.
  - c. A detailed Research Plan (not more than two pages).
  - d. A clearly articulated Teaching proposal at the undergraduate and postgraduate levels.
  - e. **Applicants for Professor position** need to indicate details of their research guidance history (List Ph.D./M.S. only) along with their experience certificates clearly mentioning the residency period (duration) spent in each designation/pay-level in their career.
  - f. Incomplete or partial applications without clear and proper experience details will be summarily rejected.
  - g. Latest Caste and/or Disability Certificate as applicable and issued by the Competent Authority, as per the Government of India norms.
  - h. Awards and recognitions, if any.
  - i. Any other relevant information the applicant may wish to furnish.
5. Uploaded documents must be clearly identifiable/visible/readable/legible (high quality scans, minimum of 300 dpi resolution); otherwise the application of the applicant is liable to be rejected by the Institute.
6. List of shortlisted applicants for the further selection process will be notified on the Institute website. The details of the further selection process shall be sent to the shortlisted candidates through email only. Please mention active Mobile Numbers and Email ID in the application form. Applicants are instructed to check their email regularly, including spam/junk and any other folders. The Institute will not be responsible for any email which is unread, loss of e-mail sent due to invalid / wrong e-mail ID provided by the applicant / any other technical glitches at the applicant end or delivery of e-mails to spam/junk (or) any other mail folders or for delay / non-receipt of information, if an applicant fails to access their email.
7. Recent passport size photographs and clear/legible photocopies of relevant certificates and other testimonials in support of age, qualifications, experience etc. along with all original documents must be kept ready, which will be collected at an appropriate stage during the recruitment process for physical verification.
8. The applicant will be solely responsible for the authenticity of information / documents and photographs submitted.