Indian Institute of Jodhpur (IIT Jodhpur) invites online applications from persons with exceptional academic record and valuable industrial experience at the levels of *Professor, Associate Professor* and *Assistant Professor* to conduct teaching and research in the following Departments.

Department	Key areas of requirement (indicative and not exhaustive)
Bioscience and Bioengineering	Bio-instrumentation, Biophysics, Omics: Metabolomics, Phenomics, Proteomics, Genomics & Others; Multi-Omics, Bio-informatics, Biosensors, Biomechanics, Plant Physiology and Pathology, Bio-Imaging, Evolutionary Biology, Plant Biotechnology, Bio Devices, Metabolic Engineering, Human and Natural Micro Biomes, Pharmacogenomics, Epigenetics, Genome Editing and Engineering, Synthetic Biology, Computational Neuroscience, Infectious Disease and Immunotherapy, Systems Biology, Virology, Bio-photonics, Molecular Electro-physiology, Ecology
Chemical Engineering	Transport Phenomena**,** Chemical Reaction Engineering, (Micro – Reactors, Membrane Reactors), Mass Transfer, Process Control, Heat Transfer (Nanoparticle based heat transfer, Biofuel), Chemical Engineering Thermodynamics, Mathematical Modelling, Process Fluid Mechanics, Separation Processes, Petroleum, Petrochemicals
Chemistry	Conducting Polymer, Supramolecular Chemistry, Bioinorganic, Bio-organic Chemistry, Analytical Chemistry, Environmental Chemistry, Computational Materials Chemistry, Electrochemistry, Gas-Phase Spectroscopy, Electrochemistry, Polymer Chemistry
Civil & Infrastructure Engineering	Structures, Structural Dynamics, Building Science, Earthquake Engineering, Geotechnical, Water Resources & water management, Building Safety, Urban Infrastructure, Urban Planning, Environmental Engineering, Structural Health Monitoring (SHM). Infrastructure of Transportation Systems (including Metro), Multi-Hazard analysis of vulnerable infrastructures, Retrofitting and control of old infrastructures, Intelligent transportation system, Green, sustainable and smart infrastructures, Structures for Exploration of Natural Resources, Management of Heritage Structures, Underground Structures, Use of tools of big data, IOT, AI and Cyber-Physical System, Remote Sensing and GIS
Computer Science & Engineering	Computer Architecture, Distributed & Multicore Computing, Compilers, Programming Languages, Semantics; Algorithms, VLSI and Design Automation, IOT, Edge & Fog Computing, High Performance Computing, Visualization, Graphics, Augmented Reality/ Virtual Reality, Cryptography and Cryptosystems, Systems and Information Security, Cyber Physical Security, Natural Language Processing, Operating Systems, Big Data Technology, Communication Networks, Robotics, HCI, AI & Machine Learning, Quantum Computing, Computational Economics, Computational Social Science, Data Analytics, Databases, Theoretical Computer Science
Electrical Engineering	VLSI & High Level Synthesis, Embedded Systems, Communication Systems, Information Theory, 5G + Technologies, Power Systems, Power Electronics, Neuro-morphic

	Systems, Cyber-physical Systems, Mixed Signal Design, Photonics, Plasmonic, Spintronics
Humanities and Social Sciences	Economics, Philosophy, Psychology, Literature, Sociology, Linguistics, Political Science, Musicology, Theatre & Film Studies, Aesthetics, Comparative Culture Studies, Archeology, History, Anthropology, Geography, Ecology, Foresight Studies, Policy, Cognitive Science
Metallurgical and Materials Engineering	Structural Materials, Functional Materials, Process Metallurgy, Integrated Computational Materials Engineering, Waste Management
Mathematics	Number Theory, Optimization, Graph Theory, Algebraic Geometry, Harmonic Analysis, Numerical analysis, Linear algebra, Functional analysis, Cryptography, Differential Geometry, Scientific Computations, Applied Probability, Queuing Theory, Stochastic Modelling, etc., Statistics, Game Theory, Econometrics, Data Science, Big Data, Data analytics, Time series analysis, Discovery Science
Mechanical Engineering	Manufacturing Technology, Product Design, Industrial Engineering & Management, Robotics & Autonomous Systems, Multi-scale Modeling, Composite Materials and Structures, Fracture Mechanics and Fatigue, Multiphase Flows, Micro-fluidics, Refrigeration and air-conditioning, Fluid Structure Interaction, Turbomachinery, Bio Mechanics
Physics	Metamaterials, Terahertz, Plasmonics, Nanophotonics, Device Fabrication, Plasma Physics, Ultrafast Optics, Optoelectronics, Experimental High Energy Physics

IIT Jodhpur reserves the right to focus on specific areas for recruitment as indicated above. The fields mentioned are meant to be indicative of the departments' current requirements, which may change without notice. However, persons which exceptional academic and research record in any area relevant to the department will also be considered.

Eligibility requirements

(a) Professor

(1)   Ph.D. with first division in the preceding degree or equivalent in the appropriate discipline, with good academic record throughout.
(2)   At least a minimum of 10 years teaching, research and/or industrial experience, of which at least 4 years should be at the level of Associate Professor in IITs, IISc, IIMs, NITIE Mumbai and IISERs or at an equivalent level.

(b) Associate Professor

(1)   Ph.D. with first division in the preceding degree or equivalent in the appropriate discipline, with good academic record throughout.
(2)   At least a minimum of 6 years teaching, research and/or industrial experience, of which at least 3 years should be at the level of Assistant Professor in a reputed Institute or University or equivalent.

 (c) Assistant Professor Grade I

(1)   Ph.D. with first division in the preceding degree or equivalent in the appropriate discipline, with good academic record throughout.
(2)   At least a minimum of 3 years teaching, research and/or industrial experience, from the date of defending the Ph.D. Thesis (experience while pursuing Ph.D. Program is not be included).

(d) Assistant Professor Grade II

(1)   Ph.D. with first division in the preceding degree or equivalent in the appropriate discipline, with good academic record throughout.
(2)   Applicants having no or less than 3 years Post-Ph.D. experience will be considered for a contractual appointment of duration less than or equal to 3 years which can be converted into regular position upon review of performance during or after contract period.

The prescribed essential qualifications and experience indicated are bare minimum, and mere possessions of the same will not entitle the applicants to be called for interview. The Institute reserves the right to restrict the number of applicants to be called for interview to a reasonable limit, on the basis of qualification and experience higher than that of the minimum prescribed in the advertisement. Therefore applicants should furnish details of all the qualifications and experience possessed in the relevant field, over and above (if any) the minimum qualification prescribed along with documentary evidences.

1.1.2 Scale of Pay
Following table provides an estimate of the total approximate emoluments of faculty members at IIT Jodhpur in accordance with Government of India prescribed guidelines. The Selection Committee may accord higher emoluments in case of candidates with exceptional track record.

Designation	Scale of Pay	Approximate Monthly Gross Emoluments with HRA and other Allowances as on 31 January 2020
Professor	To be placed in Pay level 14A; Minimum Basic Pay of Rs. 1,59,100	Rs. 2,03,087
Associate Professor	To be placed in Pay level 13A2; Minimum Basic Pay of Rs. 1,39,600	Rs. 1,78,712
Assistant Professor Grade I	To be placed in Pay level 12; Minimum Basic Pay of Rs. 1,01,500	Rs. 1,31,087
Assistant Professor Grade II	To be placed in Pay level 10; Minimum Basic Pay of Rs. 70,900 (candidates having no post-Ph.D. experience)	Rs. 92,837

For example, candidates selected for the position of Assistant Professor Grade II with no post-PhD experience shall be:
(1)   Placed in Pay level 10; with a Minimum Basic Pay of Rs. 70,900
(2)   Elevated after 1 year to Pay level 11; with a Minimum Basic Pay of Rs. 73,100
(3)   Elevated after 3 years to Assistant Professor Grade I; with a Minimum Basic Pay of Rs. 1,01,500
(4)   Moved to Pay level 13A1 on completion of 3 years of service as Assistant Professor Grade I; with a Minimum Basic Pay of Rs. 1,31,400

1.1.3 Additional Financial Support to New Faculty Members
        The following conveniences are provided to the Faculty Members joining the Institute:
(1)   Reimbursement of relocation expenses of up to Rs. 1,50,000 or actual (whichever is less) for candidates joining for full-time positions at the Institute from abroad or from any place in India, subject to a maximum of one-way economy class airfare for the family. This facility is available only to the candidates joining the posts of *Professor, Associate Professor* and *Assistant Professor Grade I* after executing a bond to serve IIT Jodhpur for 3 Years. Persons joining the post of *Assistant Professor Grade II* can become eligible only, if they are offered the post of Assistant Professor Grade I after completion of 3 years' service and due review of performance; in such cases, a bond shall be executed to serve IIT Jodhpur for 3 Years after joining the post of Assistant Professor Grade I.
(2)   Reimbursement of telephone bills as per the Institute norms.
(3)   A Cumulative Professional Development Allowance (CPDA) of Rs. 3 lakhs for every block period of 3 years on reimbursable basis to meet expenses related to participation in national and international conferences, payment of membership fee towards professional bodies, purchase of books and contingency expenses as per Institute norms.

(4) Research initiation grant of up to Rs. 25 Lakhs (as per the availability of funds) within the initial period of 3 years from the date of joining.

(5) Transit accommodation for initial period of joining the Institute. Within this period, the Institute will try to offer suitable accommodation on the residential campus, if available. When such accommodation is not available, the employee is required seek private accommodation in the city.

(6) Medical re-imbursement as per Institute norms.

(7) Reimbursement of education allowance for children up to 12th Class for the first two children up to a maximum of Rs. 27,000 per child.

(8) Contribution towards New Pension Scheme (NPS) as per the norms of Government of India.

(9) Interest-free soft advance up to a maximum limit of 3 months salary (namely Basic Pay + Dearness Allowance) or 1.5 lakhs whichever is less can be availed maximum two times within the 3 years of date of joining the Institute for the purpose of education, obligatory expenses, legal costs, purchase of consumers' durables and pilgrimages. The advance amount can be repaid in a maximum of 12 monthly equal installments.

1.1.4 Other Financial Incentives

Faculty Members receiving any one of the following two awards: (i) INAE Young Engineer Awards, and (ii) INSA Young Scientist Award, will be provided an additional financial incentive of Rs. 10,000 per month. The incentive will be given for a period of 3 years from the date of announcement of the award.

Faculty Members who are the fellow of any two of the following academy: (i) Indian National Science Academy (INSA), New Delhi (ii) Indian National Academy of Engineering (INAE), New Delhi (iii) Indian Academy of Science (IASc), Bangalore (iv) National Academy of Science, India (NASI), Allahabad, will be provided honorarium of Rs. 15,000 per month.

1.1.5 Information regarding the application process

This is a standing advertisement. There is no specific requirement on when a candidate can submit an application. Applications will be accepted throughout the year. Interested candidates may apply with all the details requested in ONLINE application placed on the website of IIT Jodhpur (www.iitj.ac.in).

(1) Applications will be screened for the interview once every three months or based on the requirement of the department.

(2) Although recruitment will be prioritized on the basis of need in certain areas within a particular discipline, applications may also be considered from exceptional candidates with background in other areas of the specified discipline.

(3) Institute adopts reservations policy as per Government of India norms.

(4) In case of exceptional candidates, the Institute reserves the right to relax age, qualifications and/or experience. Applicants are requested to upload the certificates in required format along with the application form.

(5) The Institute reserves the right to fill or not to fill any or all of the advertised posts.

(6) Candidates employed in Government and Semi-Government Organizations, Public Sector Enterprises, Autonomous Organizations, University and Educational Institutes must provide 'No Objection Certificate' from their present employer at the time of interview, in case he/she is shortlisted for interview.

(7) Candidates shortlisted for the Interview will be provided economy class Air-Fare for travel in India (by Air India) from the starting airport to Jodhpur Airport and return by the shortest route.

(8) Application with insufficient information or without relevant supporting documents will not be considered for further processing.

(9) The Institute may verify the antecedents or documents submitted by a person at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has a clandestine antecedents or background and has suppressed the said information, then his or her services shall be terminated.

(10) For any query please contact to office_recruitment@iitj.ac.in, Ph. 0291-2801111