



# National Institute of Technology, Rourkela

Rourkela – 769008, Odisha

## Recruitment for Faculty Positions

Advertisement Number: NITR/ES/02/2019, Dated: 27-Feb-2019

National Institute of Technology Rourkela, an Institute of National Importance under the Ministry of Human Resource Development, Government of India invites applications for faculty positions at the level of Assistant Professor, Associate Professor, and Professor from Indian nationals fulfilling eligibility criteria and possessing excellent academic background, commitment to quality teaching and research, and propensity for institutional development in various specializations of *Engineering, Architecture, Science, Humanities, and Management* as given in Annexure.

Sl.	Position	Pay Level (7 <sup>th</sup> CPC)	Vacancy
1	Assistant Professor Grade II	10	Total Vacancy – 177 (including backlog vacancies)
2	Assistant Professor Grade II	11	
3	Assistant Professor Grade I	12	
4	Associate Professor	13A2	
5	Professor	14A	

- Notes
- Reservations are applicable as per Government of India rules/norms/guidelines.
  - The number of vacancies shown above is tentative and may vary.

### Educational Qualification and Experience

Educational qualifications, experience, and other criteria shall be as per Schedule 'E' of NIT Statute, published in the Gazette of India on 24<sup>th</sup> July 2017, and subsequent clarifications received from Ministry of HRD, Government of India. A copy of the Gazette notification is available at <http://nitrkl.ac.in/docs/Career/MRR.pdf>.

### Eligibility

The minimum eligibility for various Department/School is prescribed in the following table.

Department/School	Minimum Eligibility
Engineering Departments	First Class in B.Tech./B.E. with Ph.D. in relevant branch/discipline
Industrial Design	First Class in B.Tech./B.E./B.Des. with Ph.D. in relevant branch/discipline
Planning and Architecture	First Class in B.Arch. and First Class in M.Arch./M.Plan.
Science Departments	First Class in Masters' Degree with Ph.D. in relevant branch/discipline
Humanities and Social Sciences	First Class in Masters' Degree with Ph.D. in relevant branch/discipline
School of Management	First Class in MBA/PGDBM with Ph.D. in Management

## General Information

- 1) All qualifications, experiences, and age limit will be considered as on the closing date of application.
- 2) Applications received on or before the closing date only will be considered for scrutiny and selection.
- 3) NIT Rourkela has adopted four-tier flexible faculty structure for NITs. Any new guidelines and clarifications issued by MHRD, till final selection, shall be applicable.
- 4) All degrees acquired by the applicant should be from an Institute/University recognized by the UGC/AICTE/AIU.
- 5) No person, (i) who had entered into or contracted a marriage with a person having a spouse living; or (ii) who is having a spouse alive, has entered into or contracted a marriage with any person, shall be eligible for appointment to the said post.
- 6) As an Institute of National Importance, NIT Rourkela strives to have a workforce, which reflects an all-India character and hence candidates from all over the country and abroad are encouraged to apply.
- 7) NIT Rourkela strives to have a workforce, which also reflects gender balance and hence women candidates are especially encouraged to apply.
- 8) Fresh appointment beyond the age of 60 years is discouraged except in the case of faculty with exceptional research, industrial, and/or academic career.
- 9) Serving regular faculty members of the institute shall be eligible to apply for higher positions in their own departments irrespective of their specialization, if they satisfy other advertised criteria.
- 10) In order to limit the number of candidates to be called for interview, the scrutiny committee constituted for the purpose may prepare a list of candidates to be called for interview by following a higher standard for shortlisting.
- 11) Mere fulfilment of minimum qualification and experience does not entitle a candidate for a call to attend interview. Short listing criteria may be set higher than the minimum advertised.
- 12) Since Departments/Subjects/Specializations are many and not comparable with each other, following an uniform standard/norm for shortlisting of a candidate by a department is not feasible. Hence, Departments may fix different short-listing criteria for a post/specialization.
- 13) The Institute reserves the right to call finally short-listed candidates for interview after screening by the committee. The Institute also reserves the right to defer or cancel the selection process at any stage without assigning any reason thereof. The decision of the Institute in this regard will be final and binding on all the applicants who responded to this advertisement. No interim correspondence or unsolicited query will be entertained.
- 14) Candidates applying from abroad can be permitted to attend the interview on their request through video conferencing depending on merit. It is mandatory to have personal presence in the interview for the applicants who are residing in India.
- 15) Candidates shortlisted for interview will have to produce original documents for verification in support of their application regarding reservation category, educational qualification, experience, and other claims.
- 16) Apart from the merit, the specialization of a candidate within a department will play a vital role in selection. Candidates with specialization in greater need by the department will be given preference. Candidates with work experience in reputed Universities, Institutions or Industry or with greater relevance to the academic programmes of a department will be given preference. The Institute's decision on reputation of other Universities/Institutes will be binding.
- 17) If a candidate is found suitable to a lower post (or Pay Level) than that applied for based on the recommendation of the selection committee, offer may be given for the lower post. Similarly,

experienced and/or meritorious candidates may be given higher starting pay on recommendation of the selection committee.

- 18) Candidates may be posted and/or transferred to another Post/Department at any time during service career, in the interest of the Institute.
- 19) Canvassing in any manner or unsolicited query made would entail disqualification of a candidate.
- 20) Application Ids of the shortlisted candidates will be displayed in the Institute website. Information regarding application status, interview schedule, etc. will be made available in the recruitment portal only. The Institute will not be responsible in any manner if a candidate fails to visit / access the portal in time. Candidates are advised to regularly visit and login to the Institute's recruitment portal <http://nitrkl.ac.in/recruitment> for update status/ information.
- 21) The decision of the Institute in all matters will be final. No correspondence/interim inquiries will be entertained from the candidates in connection with the process of selection/interview including reasons for not being called for interview.
- 22) Any dispute with regard to the selection / recruitment process will be subject to Courts / Tribunals having jurisdiction over Rourkela.

### **Compensations and Incentives**

In addition to normal pay and allowances as applicable to the central government employees stationed at Rourkela, following additional incentives are also available to the faculty members:

- 1) Full funding for attending national/international conference either for presenting a paper or chairing session. As per Institute guidelines membership of professional societies and purchase of books under Professional Development Allowance (PDA), limited to ₹3 Lakh in 3 years for all taken together (policy may change from time to time as per GOI guidelines) is admissible.
- 2) Reimbursement of telephone charges (Maximum ₹500 per month).
- 3) TA/DA as per NIT, Rourkela Rule to join the Institute as per GOI guidelines.
- 4) Attractive medical facility including referral to outside specialized and reputed hospitals.
- 5) Suitable residential accommodation as per rules subject to availability will be provided in the Institute Campus. HRA may be paid if the Institute cannot provide accommodation.

### **How to Apply**

- 1) Candidates willing to apply for one or more posts are requested to apply online at <http://nitrkl.ac.in/recruitment>.
- 2) The online application can be filled in multiple sessions.
- 3) Applications shall be received online only. No application or CV should be sent against this advertisement by email or letter mail. Application fee is not required.
- 4) Persons employed in Government / Public Sector Enterprise/ Autonomous Bodies should forward a copy of their application through proper channel or should furnish a no objection certificate (NOC) from the competent authority or employer at the time of interview.

### **Important Dates**

- Opening of online application portal: 10:00 h IST, 1<sup>st</sup> March, 2019
- Closing of online application portal: 17:00 h IST, 30<sup>th</sup> April, 2019

**For further queries (if any) please contact:** [career@nitrkl.ac.in](mailto:career@nitrkl.ac.in)

**Sd/-**  
**Registrar**

## Annexure

### **Biotechnology and Medical Engineering**

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Biomechanics and Biotransport  
Medical Electronics and Biomedical Instrumentation

### **Ceramic Engineering**

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Electroceramics  
Industrial Ceramics  
Nano Bioceramics  
Structural Ceramics

### **Chemical Engineering**

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Environmental Audit and Design  
Environmental Safety and Health Assessment  
Process Control  
Process Integration and Intensification  
Process Modelling and Simulation  
Renewable Energy

### **Chemistry**

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Organic Synthesis : Chemical Biology  
Synthetic Inorganic : Main Group Chemistry / Single Crystal X- ray  
Crystallography  
Theoretical chemistry

### **Civil Engineering**

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Environmental Engineering  
Geotechnical Engineering  
Structural Engineering  
Transportation Engineering  
Water Resources Engineering

### **Computer Science and Engineering**

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All Specializations of Computer Science and Engineering

### **Earth and Atmospheric Sciences**

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Applied Meteorology  
Air Pollution  
Climate Modelling  
Igneous petrology  
Ore Geology  
Palaeontology  
Physical Oceanography  
Sedimentary petrology

### **Electrical Engineering**

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Control System  
Electronics Systems and Communication  
Power Electronics and Drives  
Power System

### **Electronics and Communication Engineering**

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Communication Engineering  
Control Engineering  
Digital VLSI Design  
Embedded Systems  
Hardware Security

Image Processing and Computer Vision  
Instrumentation  
Machine Learning  
Microwave and High Frequency Engineering  
Process Control  
Semiconductor Devices  
Signal Processing

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**Food Process Engineering**

Dairy and Livestock Processing  
Food Packaging and Storage Engineering  
Food Process Design  
Food Quality Control and safety  
Grain and Horticultural Processing

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**Humanities and Social Sciences**

Economics  
English  
Sociology / Anthropology

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**Industrial Design**

Animation  
Design for Manufacturing  
Ergonomics Design  
Geometric Modeling and CAD  
Human Computer Interaction  
Industrial Design  
Interaction Design  
Photo Communication  
Product Design  
Visual Design

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**Life Science**

Embryology  
Neurobiology

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**Mathematics**

Abstract Algebra  
Algebraic Topology  
Complex Analysis  
Differential Geometry  
Functional Analysis  
Lie Algebra  
Linear Algebra  
Number Theory  
Numerical Analysis  
Operation Research  
Real Analysis  
Statistics  
Topology

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**Mechanical Engineering**

Automobile Engineering  
CAD/CAM  
Composite Materials and Surface Engineering  
Cryogenics  
Fluid flow and Heat Transfer

Industrial Engineering  
Machine Design and Analysis  
Machine Dynamics and Vibration  
Manufacturing Science  
Mechatronics  
Production Engineering  
Refrigeration and Air -Conditioning  
Robotics  
Thermal Engineering  
Tribology

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**Metallurgical and Materials Engineering**

Computational Metallurgy  
Electro Metallurgy and Corrosion  
Mechanical Metallurgy  
New Structural materials  
Physical Metallurgy  
Process Metallurgy

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**Mining Engineering**

Computer Applications in Mining  
Geo- Mechanics  
Mine Environment  
Underground Mine Technology

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**Physics and Astronomy**

Astrophysics/Cosmology  
Nuclear Physics (Theory)

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**Planning and Architecture**

Architectural Conservation  
Architecture  
Landscape  
Urban and Regional Planning  
Urban Design

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**School of Management**

Consumer Behaviour and Market Research  
General Management and Business Environment  
General Management and Strategic Management  
Operations Management  
Strategic Brand Management

**Sd/-  
Registrar**