



# NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR JAMSHEDPUR-831014, JHARKHAND

(An Institution of National Importance under MHRD, Government of India)

Advertisement No. NITJSR/REG/2015/20

Date: 14/11/2015

## Walk-In-Interview for Appointment of Adhoc Faculty

### INFORMATION BROCHURE

#### 1. ABOUT THE INSTITUTE

National Institute of Technology Jamshedpur is one of the National Importance Institutions for Technical Education in India. This was formerly known as Regional Institute of Technology Jamshedpur. National Institute of Technology (NIT) Jamshedpur is an Institution of National Importance set up by an Act of Parliament (Act 29 of 2007) namely, the National Institutes of Technology Act, 2007, which received the assent of the President of India on the 5th June, 2007. The provision of the Act has come into force with effect from 15<sup>th</sup> August, 2007 as per Notification S.O.1384 (E) dated 9<sup>th</sup> August, 2007 of the MHRD (Department of Higher Education), New Delhi. As per the provision of the said Act, this Institution runs on non profitable basis. NIT Jamshedpur offers academic programmes: B. Tech. (Hons.), M. Tech., MCA and Ph.D. in the various disciplines. NIT Jamshedpur has well qualified faculty and dedicated supporting staff.

#### 1.1 Academic programs

**B.Tech (Hons)** Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, Metallurgical and Materials Engineering, Production and Industrial Engineering.

**M.Tech** Structural Engineering, Geotechnical Engineering, Water Resources Engineering, Computer Science and Engineering, Information Systems Security Engineering, Power Systems Engineering, Power Electronics and Drives, Embedded Systems Engineering, Communication Systems Engineering, Foundry Technology, Materials Technology, Thermal Engineering, Computer Integrated Design and Manufacturing, Energy Systems Engineering, Manufacturing Systems Engineering, Surface Science and Engineering.

**M.Sc** Mathematics, Physics, Chemistry

**MCA** Master of Computer Applications

**Ph.D.** All Departments of the Institute



Prof. V. S. Chauhan, Hon'ble Chairman BoG, and Prof. S. G. Deshmukh, Member BoG, with Prof. Rambabu Kodali, Director, NIT Jamshedpur during their visit to NIT Jamshedpur on 12<sup>th</sup> Jan, 2015

## 1.2 Mission

- Quest for quality of education
- Quest for the growth of the Institute
- To establish NIT Jamshedpur as a recognized Institute of choice among students, parents and Industry
- To establish NIT Jamshedpur as a recognized employer of choice among employees
- Quest for economic growth of the society

## 1.3 Core values:

- Good governance
- Quality, Innovation
- Involvement of people
- Ethics and work culture

## 1.4 Priorities for academic excellence

- Quality of faculty and students
- Effective teaching, research and learning processes
- Strong leadership and good governance
- Development of learning resources and infrastructure
- Industry and Alumni relations
- Involvement and welfare of people (students, faculty and staff)
- Community welfare and economic development

## 1.5 Why to choose NIT Jamshedpur?

- Good governance
- Quality of faculty and faculty development
- Disciplinary / interdisciplinary teaching and research
- Human resource management
- Digital campus
- Institute and Industry linkage
- Student welfare
- Community welfare /outreach
- Green campus

<sup>#</sup>For more details, please visit Institute website: [www.nitjsr.ac.in](http://www.nitjsr.ac.in)

## 2. Walk-in-interview for Appointment of Adhoc Faculty in NIT Jamshedpur

Applications are invited from academic personnel/professionals from Academic Institutes, R&D Labs, and Industry in India or abroad for the Post of Adhoc Faculty in various Departments: **Electronics and Communication Engineering, Electrical and Electronics Engineering, Humanities-Social Sciences and Management, Mechanical Engineering, Manufacturing Engineering, Metallurgical and Materials Engineering, Computer Science Engineering, Civil Engineering** on contract basis

for one year (temporary) with a consolidated remuneration for effective teaching and commitment to enhance the research activities in the Department. Information brochure, prescribed application form, summary sheet, academic and professional qualifications, interview schedule and remuneration details can be downloaded from the Institute website: [www.nitjsr.ac.in](http://www.nitjsr.ac.in). Eligible candidates have to report for **walk-in-interview** at Computer Centre of the Institute with original certificates along with one set of self attested photocopy of the certificates and two latest passport size colour photographs as per the interview schedule given below:

Sl. No.	Department	Date & Time of Walk-in-Interview
1.	Electronics and Communication Engineering & Electrical and Electronics Engineering	05/12/2015 (Saturday) at 9:00 AM
2.	Humanities-Social Sciences and Management	06/12/2015 (Sunday) at 9:00 AM
3.	Mechanical Engineering & Manufacturing Engineering	07/12/2015 (Monday) at 9:00 AM
4.	Metallurgical and Materials Engineering	11/12/2015 (Friday) at 9:00 AM
5.	Computer Science Engineering	12/12/2015 (Saturday) at 9:00 AM
6.	Civil Engineering	13/12/2015 (Sunday) at 9:00 AM

### 3. Details of Remuneration and Age

Name of the Post	Adhoc Faculty
Remuneration in Rs.	Rs. 40,000 pm (consolidated)
Age limit	Not Exceeding 40 years

### 4. Academic and Professional Qualifications

#### 4.1 Engineering Disciplines

Name of the Department	Qualifications
1. Electronics and Communication Engineering 2. Electrical and Electronics Engineering 3. Mechanical Engineering 4. Manufacturing Engineering 5. Metallurgical and Materials Engineering 6. Computer Science Engineering 7. Civil Engineering	<ul style="list-style-type: none"> <li>Ph.D with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout (OR)</li> <li>The person should have PG degree in the appropriate discipline from reputed Institute with consistently good academic record throughout and also 2 years teaching experience from a reputed Institute</li> </ul>

#### 4.2 Disciplines of Humanities, Social Sciences, Management and Applied Sciences

Name of the Department	Qualifications
Humanities, Social Sciences and Management	<ul style="list-style-type: none"> <li>Ph.D with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout</li> </ul> <p style="text-align: center;">(OR)</p> <ul style="list-style-type: none"> <li>The person should have PG degree in the appropriate discipline from reputed Institute with consistently good academic record throughout and also 3 years teaching experience from a reputed Institute</li> </ul>

#### 5. Departments and Area of Specializations

Sl. No.	Department	Areas of Specialization
1.	Electronics and Communication Engineering	<ul style="list-style-type: none"> <li>Industrial Electronics</li> <li>Communication Systems Engineering</li> <li>Embedded Systems Engineering</li> <li>Instrumentation and control</li> <li>Signals and Systems</li> </ul>
2.	Electrical and Electronics Engineering	<ul style="list-style-type: none"> <li>Power Systems Engineering</li> <li>Power Electronics and Drives</li> <li>Industrial Electronics</li> <li>Control Systems</li> <li>Instrumentation Engineering</li> </ul>
3.	Mechanical Engineering	<ul style="list-style-type: none"> <li>Thermal Engineering</li> <li>Design Engineering</li> <li>Manufacturing Engineering</li> <li>Energy Systems Engineering</li> <li>Materials Science and Technology</li> </ul>
4.	Manufacturing Engineering	<ul style="list-style-type: none"> <li>Product Design and Development</li> <li>Manufacturing Processes</li> <li>Manufacturing Planning and Control/ Manufacturing Management</li> <li>Manufacturing Excellence / World-class Manufacturing</li> <li>Manufacturing Systems Engineering</li> </ul>
5.	Metallurgical and Materials Engineering	<ul style="list-style-type: none"> <li>Physical Metallurgy</li> <li>Process Metallurgy</li> <li>Foundry Technology</li> <li>Material science and Technology</li> <li>Nano Technology</li> </ul>
6.	Computer Science Engineering	<ul style="list-style-type: none"> <li>Computer Architecture</li> <li>High Performance Computing</li> <li>Computer Network and Cyber Security</li> <li>Artificial Intelligence</li> <li>Software Engineering</li> </ul>

7.	Civil Engineering	<ul style="list-style-type: none"> <li>• Structural Engineering</li> <li>• Geo-Technical Engineering</li> <li>• Construction Technology and Management</li> <li>• Water Resources Engineering</li> <li>• Environmental Engineering</li> <li>• Remote Sensing and GIS</li> </ul>
8.	Humanities, Social Sciences and Management	<ul style="list-style-type: none"> <li>• Humanities and Communication skills</li> <li>• Social sciences</li> <li>• Management studies</li> <li>• Economics</li> <li>• Financial Engineering and Management</li> </ul>

## 6. General Information

- All Qualification, Experience and Age Limit will be recognized as on **14/11/2015**
- Prescribed application form and the summary sheet can be downloaded from the website **[www.nitjsr.ac.in](http://www.nitjsr.ac.in)**
- The filled in application form along with original certificates, one set of self attested photocopy of the certificates and two latest passport size colour photographs have to be submitted at the time of interview
- Reservations are applicable as per Government of India norms
- Mere eligibility will not vest any right on any candidate for being called for interview. The decision of the Institute in all matters will be final
- Canvassing in any manner would entail disqualification of the candidature
- Applications received without complete information/supporting documents will not be considered
- The candidate will be interviewed only after scrutiny of educational and experience certificates. Hence, it is advisable to carry all the original certificates
- The experience criteria may be relaxed for exceptionally meritorious candidates
- The Institute reserves the right to fill or not to fill the post advertised
- In case of any legal dispute the jurisdiction will be limited to Jamshedpur court only
- No TA / DA will be paid for attending the interview

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