



NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR
JAMSHEDPUR-831014, JHARKHAND

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

Advt. No. NITJSR/REG/2015/16

Date: 21/05/2015

INFORMATION BROCHURE

Walk-In-Interview for Appointment of Adhoc Faculty

1. About the Institute

National Institute of Technology Jamshedpur is an Institution of National Importance, 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. This was formerly known as Regional Institute of Technology (RIT) Jamshedpur and was established on 15th August 1960 with the aim of nurturing young engineers for economic growth of the Nation. NIT Jamshedpur is situated in the Western part of the city Jamshedpur. The flowing river Kharkai and picturesque backdrop of low hills on one side, and large tracts of forest on the other side, make the 350 acres of rolling campus an ideal place for higher learning and research. 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 12th 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 linkages
- Students welfare
- Community welfare / outreach
- Green Campus

For more details, please visit Institute website: www.nitjsr.ac.in

2. 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 NIT Jamshedpur on contract basis for one year (temporary) with consolidated remuneration for effective teaching and commitment to enhance the research activities in the Department. Eligible candidates have to report for walk-in-interview at Computer Centre of the Institute as per the schedule given below:

Sl. No.	Department	Date & Time of Walk-in-interview
1.	Mechanical Engineering	19/06/2015 (Friday) at 9 AM
2.	Manufacturing Engineering	19/06/2015 (Friday) at 9 AM
3.	Civil Engineering	20/06/2015 (Saturday) at 9 AM
4.	Humanities, Social Sciences and Management	21/06/2015 (Sunday) at 9 AM
5.	Electrical and Electronics Engineering	22/06/2015 (Monday) at 9 AM
6.	Electronics and Communication Engineering	23/06/2015 (Tuesday) at 9 AM
7.	Computer Applications	24/06/2015 (Wednesday) at 9 AM
8.	Computer Science Engineering	25/06/2015 (Thursday) at 9 AM
9.	Metallurgical and Materials Engineering	26/06/2015 (Friday) at 9 AM
10.	Mathematics	27/06/2015 (Saturday) at 9 AM
11.	Physics	28/06/2015 (Sunday) at 9 AM
12.	Chemistry	29/06/2015 (Monday) at 9 AM

Information brochure, prescribed application form, summary sheet, academic and professional qualifications, schedule of interviews and remuneration details can be downloaded from the Institute website: 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 the self attested photocopy of the certificates and two latest passport size colour photographs.

2.1 Details of Remuneration and Age

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

3. Academic and Professional Qualifications

3.1 Engineering Disciplines

Name of the Department	Qualifications
1. Computer Science Engineering 2. Electrical and Electronics Engineering 3. Electronics and Communication Engineering 4. Mechanical Engineering 5. Manufacturing Engineering 6. Civil Engineering 7. Metallurgical and Materials Engineering	<ul style="list-style-type: none"> Ph.D with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout <p style="text-align: center;">(OR)</p> <ul style="list-style-type: none"> 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

3.2 Disciplines of Humanities, Social Sciences, Management and Applied Sciences

Name of the Department	Qualifications
1. Computer Applications	<ul style="list-style-type: none"> Ph.D with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout <p style="text-align: center;">(OR)</p> <ul style="list-style-type: none"> The person should have MCA/M.Tech/MS degree in the appropriate discipline with

	consistently good academic record throughout and also 3 years teaching experience from a reputed Institute
2. Mathematics 3. Physics 4. Chemistry	<ul style="list-style-type: none"> • Ph.D with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout <p>(OR)</p> <ul style="list-style-type: none"> • The person should have M. Tech/M. Sc. degree in the appropriate discipline from reputed Institute with consistently good academic record and also 3 years teaching experience from a reputed Institute
5. Humanities, Social Sciences and Management	<ul style="list-style-type: none"> • Ph.D with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout <p>(OR)</p> <ul style="list-style-type: none"> • 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

4. Departments and Area of Specializations

The area of specializations in each Department is mentioned below:

Sl. No.	Department	Area of Specialization
1.	Civil Engineering	<ul style="list-style-type: none"> • Structural Engineering • Geotechnical Engineering • Construction Technology and Management • Water Resources Engineering • Environmental Engineering • Remote Sensing and GIS
2.	Computer Science and Engineering	<ul style="list-style-type: none"> • Computer Architecture • High Performance Computing • Computer Networks and Cyber Security • Artificial Intelligence • Software Engineering
3.	Electronics and Communication Engineering	<ul style="list-style-type: none"> • Industrial Electronics • Communication Systems Engineering • Embedded Systems Engineering • Instrumentation and Control • Signals and Systems

4.	Electrical and Electronics Engineering	<ul style="list-style-type: none"> • Power Systems Engineering • Power Electronics and Drives • Industrial Electronics • Control Systems • Instrumentation Engineering
5.	Mechanical Engineering	<ul style="list-style-type: none"> • Thermal Engineering • Design Engineering • Manufacturing Engineering • Energy Systems Engineering • Materials Science and Technology
6.	Manufacturing Engineering	<ul style="list-style-type: none"> • Product Design and Development • Manufacturing Processes • Manufacturing Planning and Control / Manufacturing Management • Manufacturing excellence / World-class Manufacturing • Manufacturing Systems Engineering
7.	Metallurgical and Materials Engineering	<ul style="list-style-type: none"> • Physical Metallurgy • Process Metallurgy • Foundry Technology • Materials Science and Technology • Nanotechnology
8.	Humanities, Social Sciences and Management	<ul style="list-style-type: none"> • Humanities and Communication Skills • Social Sciences • Management Studies • Economics • Financial Engineering and Management
9.	Computer Applications	<ul style="list-style-type: none"> • Software Engineering • Information Systems Security Engineering • Database Management • Network Programming • Soft Computing
10.	Mathematics	<ul style="list-style-type: none"> • Algebra • Discrete Mathematics • Statistics • Numerical Analysis • Optimization Techniques
11.	Physics	<ul style="list-style-type: none"> • Theoretical Physics • Experimental Physics • Computational Physics • Condensed Matter Physics • Electronics
12.	Chemistry	<ul style="list-style-type: none"> • Organic and Inorganic Chemistry • Analytical Chemistry • Physical and Theoretical Chemistry • Surface Science • Environmental Chemistry

5. General Information

- **Institute is committed to hire the best faculty.**
- All Qualification, Experience and Age Limit will be recognized as on **21/05/2015**.
- Prescribed application form and the summary sheet can be downloaded from the website **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 color 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 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 Saraikela Kharsawan court only
- No TA / DA will be paid for attending the interview
