



NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR **Jamshedpur-831014, Jharkhand, India**

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

Advt. No. NITJSR/REG/ADVT/2017-18/CD/843

Date - 12 /06/2017

INFORMATION BROCHURE

Walk-In-Interview for Appointment of Temporary 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 341.30 acres of rolling campus an ideal place for higher learning and research. NIT Jamshedpur has well qualified faculty and dedicated supporting staff.

Committed for academic excellence and good governance

1.1 Academic Programs

NIT Jamshedpur offering the following programmes.

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

1.2 Vision 2022

NIT Jamshedpur will be one of the leading Institutes in the world for its academic excellence and good governance

1.3 Mission

- Quest for academic excellence and good governance
- Quest for growth of Institute
- Quest for most admired and respected Institute for students, employees and Industry
- Quest for innovative leader
- Quest for economic growth of the nation
- Swachch Institute

1.4 Guiding / Management Principles at NIT Jamshedpur

- Long term philosophy
- Stakeholders focus
- Hoshin planning
- Right process and procedures / best practices
- Operational excellence
- Involvement and development of people
- Challenge
- Continuous improvement
- Team work and developing people
- Humanity and Mutual respect
- Organizational learning

1.5 Why to choose NIT Jamshedpur?

- Best practices for academic excellence and Good governance
- Strong leadership and good governance
- Quality of faculty and faculty development
- 100% placements and near to industry
- Institute and Industry linkages
- Industry oriented curricula and skill development
- Students welfare
- Support to innovative projects
- Community welfare /outreach
- Green campus

1.6 Philosophy

- To do the right thing for the Institute, its people and the society as a whole

2. Walk-in-interview for Appointment of Temporary 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 Temporary Faculty in NIT Jamshedpur on temporary basis initially for one semester, which may be extended on a semester to semester basis on recommendation of the HOD. Maximum duration of appointment in the entire career of a person shall be limited to five semesters with a consolidated remuneration of Rs. 50,000/- per month 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.	Electrical and Electronics Engineering	10/07/2017 (Monday) at 9:00 AM
2.	Electronics and Communication Engineering	11/07/2017 (Tuesday) at 9:00 AM
3.	Mechanical Engineering / Manufacturing Engineering	12/07/2017 (Wednesday) at 9.00 AM
4.	Civil Engineering	13/07/2017 (Thursday) at 9:00 AM
5.	Computer Applications	15/07/2017 (Saturday) at 9:00 AM
6.	Computer Science and Engineering	16/07/2017 (Sunday) at 9:00 AM
7.	Mathematics	17/07/2017 (Monday) at 9:00 AM
8.	Physics	18/07/2017 (Tuesday) at 9:00 AM
9.	Chemistry	19/07/2017 (Wednesday) at 9:00 AM
10.	Metallurgical and Materials Engineering	20/07/2017 (Thursday) at 9:00 AM
11.	Humanities, Social Sciences and Management	23/07/2017 (Sunday) at 9:00 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.

3. Details of Remuneration and Age

Name of the Post	Temporary Faculty
Remuneration in Rs.	Rs. 50,000 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"> • Ph.D. with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout <p>The candidates, who have submitted his/her Ph.D. thesis, may also be considered.</p> <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

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

Name of the Department	Qualifications
1. Humanities, Social Sciences and Management	
Humanities and Social Sciences	<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> <p>The candidates, who have submitted his/her Ph.D. thesis, may also be considered.</p>
Management	<ul style="list-style-type: none"> • Ph.D. in Business Management / Administration / other relevant Management related discipline with first class or equivalent at the preceding degree in the appropriate discipline with consistently good academic record throughout. <p>The candidates, who have submitted his/her Ph.D. thesis, may also be considered.</p> <p style="text-align: center;">(OR)</p> <p>First Class Master's Degree in Business Management/Administration/other relevant Management related discipline /PGDBM/ PGDM</p>

	<p>programs (with minimum 2 years duration) from a reputed institution recognized by AICTE/MHRD/UGC and declared equivalent to MBA by AICTE/AIU with consistently good academic record throughout and also 2 years teaching/industry/research experience from a reputed institute/organizations.</p>
2. 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>The candidates, who have submitted his/her Ph.D. thesis, may also be considered.</p> <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
3. Mathematics 4. Physics 5. 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>The candidates, who have submitted his/her Ph.D. thesis, may also be considered.</p>

5. Departments and Area of Specializations

Sl. No.	Department	Areas of Specialization
1.	Mechanical Engineering	<ul style="list-style-type: none"> Thermal Engineering Design Engineering Manufacturing Engineering Energy Systems Engineering Materials Science and Technology
2.	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
3.	Civil Engineering	<ul style="list-style-type: none"> Structural Engineering Geo-Technical Engineering Construction Technology and Management Water Resources Engineering Environmental Engineering Remote Sensing and GIS

4.	Humanities, Social Sciences and Management	<ul style="list-style-type: none"> • Humanities and Communication skills • Social sciences • Management studies • Economics • Financial Engineering
5.	Electrical and Electronics Engineering	<ul style="list-style-type: none"> • Power Systems Engineering • Power Electronics and Drives • Industrial Electronics • Control Systems • Instrumentation Engineering
6.	Electronics and Communication Engineering	<ul style="list-style-type: none"> • Industrial Electronics • Communication Systems Engineering • Embedded Systems Engineering • Instrumentation and control • Signals and Systems
7.	Computer Applications	<ul style="list-style-type: none"> • Software Engineering • Information Systems Security Engineering • Database Management • Network Programming • Soft Computing
8.	Computer Science Engineering	<ul style="list-style-type: none"> • Computer Architecture • High Performance Computing • Computer Network and Cyber Security • Artificial Intelligence • Software Engineering
9.	Metallurgical and Materials Engineering	<ul style="list-style-type: none"> • Physical Metallurgy • Process Metallurgy • Foundry Technology • Material science and Technology • Nano Technology
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

6. General Information

- **Institute is committed to recruit the best faculty**
- All qualifications, experience and age limit will be recognized as on **10/07/2017**
- 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 colour photographs have to be submitted at the time of interview
- **The total vacancy for present appointment is for 84 posts, which may increase or decrease at the time of interview. Reservation is applicable as per Government of India norms, which is as follow:**

i.	Open category	- 42
ii.	OBC	- 22
iii.	SC	- 12
iv.	ST	- 06
v.	PWD	- 02

Candidates claiming reservation have to produce category certificate issued from competent authority. In case of OBC candidates, the NCL certificate must be issued on or after 01.04.2016.

- 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 & experience certificates and category certificate. 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 Seraikela-Kharsawan court only
- No TA / DA will be paid for attending the interview
