

# **INDIAN INSTITUTE OF INFORMATION TECHNOLOGY RANCHI (At NIT Jamshedpur - 831014), Jharkhand**

**Committed for Academic Excellence and Good Governance**

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Advt. No. IIITR/REG/ADVT/2016/05

Date: 04/06/2016

## **INFORMATION BROCHURE**

### **Walk-In-Interview for Appointment of Visiting Professor and Ad-hoc Faculty**

#### **1. ABOUT THE INSTITUTE**

Indian Institute of Information Technology Ranchi is an autonomous institute setup by the MHRD, Government of India, and Government of Jharkhand along with the industry partners Tata Motors, TCS and CCL on a Public Private Partnership.

MHRD, Government of India has taken up the initiative to setup 20 new Indian Institutes of Information Technology (IIITs) on a Public Private Partnership Model. A major objective in establishing IIITs is to set up a model of education which can produce best-in-class human resources in IT and harnessing the multi-dimensional facets of information technology in various domains. While the number of students produced by these IIITs would be small, the impact they create would be great.

The IIIT Ranchi is funded by Government of India (50%), Government of Jharkhand (35%) and Industry Partners (15%). The IIIT Ranchi is expected to meet operating expenses from tuition fees, grants, sponsorships and donations. Additionally, the Government of Jharkhand has lent support to the institute by granting land for setting up the Campus at Ranchi, Jharkhand. IIIT Ranchi is autonomous, not-for-profit, self-sustaining, teaching and research-led education Institution.

The institute is managed by professionals from the area of academics and research, under the guidance of a Board of Governors of the Institute that has representatives of participating Industry partners, eminent academicians & researchers and representatives from Government. IIIT Ranchi will focus on applied research and education in IT and in selected domain areas. IIIT Ranchi will contribute significantly to the global competitiveness of key sectors of the Indian economy and industry.

Now (2016-17), IIIT Ranchi is offering two Under Graduate Programmes, BTech (Honours) Computer Science and Engineering and BTech (Honours) Electronics and Communications Engineering.

IIIT Ranch is committed to academic Excellence and good governance.

NIT Jamshedpur is the mentor Institute of IIIT Ranchi and Director NIT Jamshedpur is the mentor Director of IIIT Ranchi. The academic session of the current academic year (2016-17) has been commenced in NIT Jamshedpur and all facilities of NIT Jamshedpur have been available for students, and faculty of IIIT Ranchi.

#### **1.1 Academic Programs**

IIIT Ranchi offering the following under graduate (UG) programmes:

- B.Tech (Hons.) Computer Science and Engineering
- B.Tech (Hons.) Electronics and Communication Engineering

## **1.2 Vision 2027**

IIIT Ranchi will be one of the leading institutes in India 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
- Digital and Swachch institute

## **1.4 Guiding / Management Principles at IIIT Ranchi**

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

## **1.5 Why to choose IIIT Ranchi**

- Academic Programmes are flexible, modular and student centered learning
- Project-based learning pedagogy in the curriculum
- Industrial practice in curriculum
- Strong industry linkages
- Best practices for academic excellence and Good governance
- Industry oriented curricula and skill development
- Strong leadership and good governance
- Quality of faculty and faculty development
- Near to industry
- Students welfare
- Support to innovative projects
- Green campus

## **1.6 Philosophy**

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

## **2. ABOUT THE MENTOR 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.

## 2.1 Academic Programmes of NITJamshedpur

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

## 3. Walk-in-interview for Appointment of Visiting Professor and Adhoc Faculty in IIIT Ranchi

Applications are invited from retired faculty of premier institutes for the post of Visiting Professor in IIIT Ranchi on contract basis for three years with a consolidated remuneration of Rs.1,00,000/- per month for effective teaching and development of the institute.

Applications are also invited from academic personnel/professionals from academic institutes, R&D labs, and industry in India or abroad for the Post of Adhoc Faculty in IIIT Ranchi on contract basis for one year (temporary) with consolidated remuneration of Rs. 50,000/- for effective teaching and development of the institute.

### Walk-in-interview schedule:

SI. No.	Department	Date & Time of Walk-in-Interview
1.	Computer Science and Engineering	30/06/2016 (Thursday) at 9:00 AM
2.	Electronics and Communication Engineering	01/07/2016 (Friday) at 9:00 AM
3.	Mathematics	02/07/2016 (Saturday) at 9:00 AM
4.	Physics	03/07/2016 (Sunday) at 9:00 AM
5.	Mechanical Engineering	04/07/2016 (Monday) 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](http://www.nitjsr.ac.in) and [www.iiitranchi.ac.in](http://www.iiitranchi.ac.in). Eligible candidates have to report for walk-in-interview at computer centre in NIT Jamshedpur campus with original certificates along with one set of the self-attested photocopy of the certificates and two latest passport size colour photographs.

### 3.1 Details of Remuneration and Age

Name of the Post	Visiting Professor
Remuneration in Rs.	Rs. 1,00,000/- pm (consolidated)
Age limit	Not Exceeding 67 years

Name of the Post	Adhoc Faculty
Remuneration in Rs.	Rs. 50,000 pm (consolidated)
Age limit	Not Exceeding 40 years

### 3.2 Academic and Professional Qualifications

#### 3.2.1 For Visiting Professors

Name of the Department	Qualifications
1. Computer Science and Engineering 2. Electronics and Communication Engineering 3. Mechanical Engineering 4. Mathematics 5. Physics	Retired faculty of premier institutes

#### 3.2.2 For Ad-hoc Faculty

##### Engineering Disciplines

Name of the Department	Qualifications
1. Computer Science and Engineering 2. Electronics and Communication Engineering 3. Mechanical Engineering	<p><b>For Adhoc Faculty:</b></p> <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>(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 2 years teaching experience from a reputed institute</li> </ul>

##### Disciplines of Mathematics and Physics

1. Mathematics 2. Physics	<p><b>For Adhoc Faculty</b></p> <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>(OR)</p> <ul style="list-style-type: none"> <li>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</li> </ul>
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#### 4. Departments and Area of Specializations

Sl. No.	Department	Areas of Specialization
1.	Computer Science and Engineering	<ul style="list-style-type: none"><li>• Theory of Computation</li><li>• Computer Architecture</li><li>• Discrete Structures</li><li>• Design and analysis of Algorithms</li><li>• Computer Programming</li></ul>
2.	Electronics and Communication Engineering	<ul style="list-style-type: none"><li>• Microelectronic Circuits</li><li>• Communication Systems</li><li>• Embedded Systems</li><li>• Control Systems</li><li>• Digital Signal Processing</li></ul>
3.	Mechanical Engineering	<ul style="list-style-type: none"><li>• Engineering Graphics</li><li>• Engineering Mechanics</li><li>• Mechanics of Materials</li><li>• Thermodynamics</li><li>• Manufacturing Engineering</li><li>• Engineering Materials</li></ul>
4.	Mathematics	<ul style="list-style-type: none"><li>• Calculus</li><li>• Differential Equations</li><li>• Probability and Statistics</li><li>• Complex Variables and Linear Algebra</li><li>• Data structures and Algorithms</li></ul>
5.	Physics	<ul style="list-style-type: none"><li>• Classical Mechanics</li><li>• Quantum Mechanics</li></ul>

#### 5. General Information

- **Institute is committed to recruit the best faculty**
- All qualifications, experience and age limit will be recognized as on **04/06/2016**
- Prescribed application form and the summary sheet can be downloaded from the website **www.nitjsr.ac.in and www.iitranchi.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 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 Seraikella-Kharsawan court only
- No TA / DA will be paid for attending the interview

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