भारतीय प्रौद्योगिकी संस्थान खड़गपुर

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

विज्ञापन सं: / Advertisement No.: R/08/2016 Dated July 27, 2016

Indian Institute of Technology Kharagpur, an Institute of National Importance and the first and largest in the chain of fifteen IITs engaged in teaching, research and development. The Institute invites online applications from Indian Nationals for filling up of the vacancies **including backlog vacancy** for the following posts:

Sl. No.	Name of the post(s)	No. of Vacancies					Pay Band & Grade Pay (GP) plus admissible allowances as per the Institute norms.
		UR	SC	ST	OBC	Total	
1	Superintending Engineer (Civil)	1	-	-	-	1	₹37400-67000/- (PB-4), GP ₹8700/-
2	Senior Software Engineer Grade-I	1	-	-	-	1	₹15600-39100/-(PB-3), GP ₹7600/-
3	Senior Software Engineer Grade-II	1	1	-	-	2	₹15600-39100/-(PB-3), GP ₹6600/-
4	Software/Network Engineer	2	1	-	1	4	₹15600-39100/-(PB-3), GP ₹5400/-
5	Deputy Registrar	1	1	-	2	4	₹15600-39100/-(PB-3), GP ₹7600/-
6	Assistant Registrar	3	-	-	2	5	₹15600-39100/-(PB-3), GP ₹5400/-
7	Executive Officer	1	1	-	1	3	₹15600-39100/-(PB-3), GP ₹5400/-
	Total	**10**	**4**	**-**	**6**	**20**	

The qualification, experience and age limit for the above post(s) are as under:

1. Superintending Engineer (Civil)

Pay Band and Grade Pay: ₹37400-67000/- (PB-4) with Grade Pay (GP) ₹8700/- and other allowances as admissible.

Essential Qualification & Experience:

(a) BE/BTech Degree in Civil Engineering (1st Class or equivalent) from a recognised and nationally reputed Institute/University;

(b) A minimum 18 years of working experience out of which at least 8 years of experience as an Executive Engineer in Grade Pay of Rs. 6600/- or equivalent in Central / State Government including Government Autonomous Bodies/ Organizations and Public Sector Undertakings of national repute in the following areas:

Planning, design, estimation, tendering, contract management, execution, construction, billing, certification etc. of Civil Works involving, but not limited to, multistoried buildings, institutional buildings, water, sanitary and sewer systems, central HVAC system, fire fighting systems, building management systems, roads and area development etc.

(c) Have successfully executed works of having combined value of at least Rs. 200 crore in the last 18 years OR Rs. 150 crore in the last 8 years as Executive Engineer or equivalent.

Desirable:

(i) Master's Degree in Civil Engineering/ Mechanical Engineering/ Electrical Engineering/Construction Management/ Structural Engineering from a recognized and nationally reputed Institute/University. Years of required experience in (b) above may be reduced to 16 and 6 years respectively for such candidates. However, the work value requirement as in (c) above remain the same.

(ii) Knowledge of CPWD works manual, CPWD specifications, Structural designing, Tender documentation, Contract management, CPWD account code, Financial accounting, arbitration and reconciliation, administration and working knowledge of inter disciplinary engineering fields like electrical and HVAC.

(iii) Demonstrated ability of having exhibited leadership attributes and coordination with various disciplines (such as electrical, mechanical, water works, public health, air-conditioning etc.) and agencies is required for experience in the above areas and having supervised a team of engineers and other professionals successfully.

Maximum age limit: 50 years.

2. Senior Software Engineer Grade-I

Pay Band and Grade Pay: ₹15600-39100/-(PB-3) with Grade Pay (GP) ₹7600/- and other allowances as admissible.

Essential Qualification & Experience :

(a) ME/M.Tech/M.S. in Computer Science and Engineering/Information Technology or equivalent with at least 60% marks or CGPA of at least 6.5 in 10 point scale from a recognized University/Institute of repute and at least 6 years' of relevant experience in the following areas out of which 3 years in the Grade Pay of ₹6600/- or equivalent level. **OR**

(b) B.E./B.Tech/M.Sc in Computer Science and Engineering/ Information Technology or MCA or equivalent with at least 60% marks or CGPA of at least 6.5 in 10 point scale from a recognized University/Institute of repute and at least 8 years' of relevant experience in the following areas out of which 3 years in the Grade Pay of ₹6600/- or equivalent level.

Experience:

(i) Hands on working experience software engineering practices including – with strong back ground in Spring Frame work, J2EE technologies, Hibernate and other enterprise technologies, agile computing, Experience in system and class design, build system. Experience in system administration, automated unit testing, scalability and replication; disaster recovery; backup and archival. Experience in preparing SRS and SDS documentation and Storage system (SAN and NAS). Experience of working in Big Data Analytics, Data Mining. Experience of working with Postgres SQL or any open source.

(ii) Hands on working experience in Data base design/development for high performance computing including – Data Modeling / Designing, Engineering Data Storage, Data Management, Data Integrity Assurance, Data Warehousing, Data Mining/Knowledge Discovery, Data Pattern Extraction/Analytics, Legacy, Evolution an Migration, XML/UML Scheme Development, Database Application Development, Scalability Optimization, Database Performance, Real-time In-memory Databases, Real-time Mobile Connectivity, Database Security/Confidentially, Concurrency Control/Recovery, Web Service Connectivity.

(iii)_Knowledge of software security including cryptography and cryptographic protocols, access control, usage control, and information flow models, security requirements and attacker models, implementation-level security issues including buffer overflow attacks and SQL injections, risk analysis, BSI baseline protection and the Common Criteria, Public Key Infrastructures, data protection and privacy in distributed and open systems, Network systems.

Applicants with development and working experience at client places for handling and implementation of ERP especially at academic institution of National importance will get higher preference. Applicants should have good communication skills, have ability to work in a group.

Leading teams to execute projects with 200 man day's involvement.

Maximum age limit: 50 years

3. Senior Software Engineer Grade-II

Pay Band and Grade Pay: ₹15600-39100/-(PB-3) with Grade Pay (GP) ₹6600/- and other allowances as admissible.

Essential Qualification & Experience :

BE/B.Tech/M.Sc. in Computer Science and Engineering/Information Technology or equivalent or MCA from a recognised University/Institute of repute with at least 60% marks or CGPA of at least 6.5 in 10 point scale and at least 5 years' relevant experience in the following areas out of which 3 years in the Grade Pay of ₹ 5400/- or equivalent level.

Experience:

Hands on working experience with strong back ground in Spring Frame work, J2EE technologies especially on JSP, JDMC, HTML5, JSON, Postgrest SQL, RDBMS, Java script front end frame work like jQuery, Data base desing/development for high performance computing, XML and UML, Knowledge of communication protocols TCP/IP, HTTP. Working experience with web service tools, Experience in system and class design, build system. Experience of system administration,

Applicants with development and working experience at client places for handling and implementation of ERP especially at academic institution of National importance will get higher preference. Applicants should have good communications skills, have ability to work in a group.

Maximum age limit: 45 years

4. Software/Network Engineer

Pay Band and Grade Pay: ₹15600-39100/-(PB-3) with Grade Pay ₹5400/- and other allowances as admissible.

Essential Qualification & Experience :

B.E./B.Tech/MSc. in Computer Science and Engineering or Information Technology or equivalent or MCA from a recognised University/Institute of repute with at least 60% marks or CGPA of at least 6.5 in 10 point scale and at least 2 years of relevant experience on any one of the following areas.

Experience:

(i) Hands on working experience with strong back ground in Spring Frame work, J2EE technologies especially on JSP, JDMC, HTML5, JSON, Postgres SQL, RDBMS, Java script front end frame work like jQuery, Data base design/development for high perfonmance computing, XML and UML, Knowledge of communication protocols TCP/IP, HTTP.

(ii) Hands on working experience in maintenance of servers, desktops, printers in a large computing environment. Knowledge of IT process, Configuration, installation and deployment of servers and PCs. Knowledge of motherboard, processors and memory circuits. Installing of Windows and LINUX. Good knowledge of system configuration. Some working experience with Spring Framework, J2EE technologies, Postgres SQL, RDBMS, Knowledge of communication protocols. Installation of virtual machines (VMWare and KVM)

Applicants with development and working experience at client places for handling and implementation of ERP especially at academic institution of National importance will get higher preference. Applicants should have good communication skills, have ability to work in a group.

Maximum age limit: 40 years.

5. Deputy Registrar

Pay Band and Grade Pay: ₹15600-39100/- (PB-3) with Grade Pay ₹7600/- and other allowances as admissible.

Qualification & Experience: Master's Degree with at least 55% marks or its equivalent grade of 'B' in the UGC 7 point scale from a recognised University/Institute of repute ; along with -

(i) Nine (9) years' of experience as Assistant Professor in the AGP of ₹ 6000/- and above with experience in educational administration, or

(ii) Comparable experience in research establishment and / or other institutions of higher education, or

(iii) 5 years' of administrative experience as Assistant Registrar or in an equivalent post in IITs / University System / Research Institute / Central Government Departments.

Desirable: Experience / Exposure to computer based Finance & Accounting / Audit / Academic / Purchase & Stores / Establishment/Personnel & HR will be preferred.

Maximum age limit: 50 years

6. Assistant Registrar

Pay Band and Grade Pay: ₹15600-39100/- (PB-3) with Grade Pay ₹5400/- and other allowances as admissible.

Qualification & Experience: Master's Degree with at least 55% marks or its equivalent grade of 'B' in the UGC 7 point scale along with a good academic record.

Experience:

(i) At least 3 years of relevant experience at supervisory level in a reputed Educational Institute/ University System / Research Institute / Central Government Departments;

(ii) Experience in Computer System & Applications, Office Automation.

Desirable: Experience / Exposure to computer based Finance & Accounting / Audit / Academic / Purchase & Stores / Establishment/Personnel & HR will be preferred.

Maximum age limit: 40 years.

7. Executive Officer

Pay Band and Grade Pay: ₹15600-39100/- (PB-3) with Grade Pay ₹5400/- and other allowances as admissible.

Essential Qualification : Bachelor's Degree in Engineering with 1st Class or equivalent **OR** Master's Degree with a minimum 55% marks or its equivalent grade of 'B' in the UGC 7 point scale from a recognised University/Institute of repute.

Desirable : Preference will be given to candidates possessing MBA Degree.

Experience:

At least three years of working experience in the following areas in a reputed organisation/institution.

- Working and liasoning with students and / or corporate.
- Handling career development processes at any organisation.
- Handling large projects with multiple organisations.
- Working experience in Personnel & HR department of any reputed organisation

Competencies:

Office planning and organising, building relationship with public and private sectors, team management, good working knowledge and understanding of data analysis, strong quantitative and analytical skills, effective verbal and written communication skills as well as proficiency in English.

Hands on experience with Google applications, Microsoft applications including Share Point and other enterprise services, Web applications, online promotional and social media tools

Maximum age limit: 40 years.

General Instructions

1. Reservation for ST / SC / OBC / PWD / Ex-Serviceman as per Government of India Rules.
2. Age relaxation for SC/ST/OBCs/Persons with Disabilities (PWD) and women candidates is applicable as per Government of India norms. Age relaxation is also applicable those are working in IIT system.
3. The Institute reserves the right to relax experience in exceptional cases, or in the case of persons already holding analogous positions in a Central Technical Institute / University / Research Institution.
4. The Institute also reserves the right of rejecting any or all the applications without assigning any reasons thereof.
5. The number of vacancies may be increased depending upon Institute's requirement.
6. The Institute reserves the right to offer appointment on contract basis initially for a period of 3 (three) years. Based on the assessment of performance they may be regularised in the post as per Institute's norms.
7. The Institute reserves the right to empanel candidate(s) for future vacancies.
8. Candidates applying for more than one post should apply separately for each post.
9. Candidates should submit their SC/ST/OBCs/Disability Certificate issued by the Competent Authority in the prescribed format along with the application form, in support of their claim.
10. Degree as referred above should have been awarded by a recognized University / Institute.
11. 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. No correspondence will be entertained from the candidates in connection with the process of selection / interview. Canvassing in any manner would entail disqualification of the candidature.
12. Persons employed in Government / Semi Government Organizations / Autonomous Bodies should submit their application through proper channel. They may, however, send an advance copy of the application. Those who are unable to process their application through proper channel may submit 'No Objection Certificate (NOC)' from present employer during the time of interview. However, they should submit an undertaking to that effect. Direct application from such candidates will not be entertained.
13. Candidate should submit a certificate from the employer/competent authority that no vigilance/ disciplinary case is either pending or contemplated against him/her.
14. Institute strives to have a workforce which reflects gender balance. Women candidates are encouraged to apply.

15. The Institute reserves the right to call only the requisite number of candidates for interview after shortlisting with reference to the candidate's qualification, suitability, experience, etc.
16. Incomplete applications or applications without self-attested copies of certificates/testimonials or received after the last date are liable to be rejected.
17. Any dispute with regard to the selection / recruitment process will be subject to Courts / Tribunals having jurisdiction over Kolkata.
18. The Institute reserves the right to conduct the written/screening test, if the number of applicant is large for a particular post.
19. To-and-fro rail fare by the shortest route being limited to AC- 3 tier will be paid to all the candidates called for interview.
20. Candidates possessing requisite qualification and experience are required to **apply online** (https://erp.iitkgp.ernet.in/CAREER/auth/opening.htm) on or before **August 31, 2016** and dispatch by SPEED POST a signed hardcopy of the online application along with self attested copies of certificates/testimonials on or before **August 31, 2016** so as to reach to **Assistant Registrar, Recruitment Section, Indian Institute of Technology Kharagpur-721302, West Bengal, India. Unless the signed hardcopy of application is received, the application will not be considered.**
21. NO INTERIM ENQUIRIES WILL BE ENTERTAINED.

For any other details please contact through - **Phone**: 03222- 282135/282137, **Fax**: 03222-282020, **Email**: recsec@adm.iitkgp.ernet.in

If any problem is encountered during online application, please contact through phone: +91-3222-282380/282106.

कुलसचिव/Registrar