Sr. No: IBITF/Recruitment/2024-25/0001/05   Date: 15/01/24

Recruitment Advertisement: IIT Bhilai Innovation and Technology Foundation (IBITF)

Applications are invited from eligible Indian nationals for various positions at the IIT Bhilai Innovation and Technology Foundation (IBITF) for the implementation project of the "**Vidya Samiksha Kendra (VSK) in the State of Chhattisgarh**" initiative. The positions are purely on a temporary basis for a period of 1 (one) year and are co-terminus with the duration of the project.

The last date to submit an online application is 11th February 2024. We will contact shortlisted candidates for interaction/interview. The date for the interview/interaction will be announced later.

1. Project Manager- (01 Posts)

Place of Posting	Indian Institute of Technology Bhilai
Essential Qualification	M.Tech/ME/MS in Computer Science and Engineering/Information technology or an MBA or equivalent with five year of relevant experience. **OR** B. Tech/ B.E. in Engineering or equivalent with seven years of relevant experience. **OR** MCA, M.Sc. in Computer Science, Information Technology, or equivalent with seven years of relevant experience.
Desirable Qualifications and Experience	• Proven track record of successfully managing Application development projects from initiation to completion. • Ability to communicate effectively with development teams. • Demonstrated leadership skills with the ability to lead and motivate cross-functional software development teams. • Experience in managing and mentoring project team members. • Excellent communication skills, both verbal and written, for effective stakeholder communication. • Ability to convey technical concepts to non-technical stakeholders. • Proficient in analyzing and translating business requirements into technical specifications. • Experience in budgeting and resource allocation for software projects. • Ability to optimize resource utilization and manage project costs. • Effective stakeholder management, including clients,

	internal teams, and third-party vendors. • Ability to understand and fulfill client requirements specific to Application projects. • Strong analytical and problem-solving skills to address challenges during Application project execution.
Roles and Responsibilities	• Develop and manage detailed project plans for Application development projects, including timelines, milestones, and resource allocation. • Lead and motivate cross-functional software development teams, providing guidance and support. • Collaborate with business analysts and development teams to analyze and translate business requirements into technical specifications. • Manage project budgets, optimize resource utilization, and ensure cost-effectiveness for software projects. • Build and maintain strong relationships with clients in the software industry, understanding their needs and ensuring satisfaction. • Generate and present regular project status reports to senior management and stakeholders.
Emoluments (INR)	**Upto 12 Lakhs (per annum)**
Upper Age Limit	**Maximum Age 45 years (as on date of application)**

2. Sr. Software Engineer - (01 Posts)

Place of Posting	**Indian Institute of Technology Bhilai**
Essential Qualification	M.Tech/ME/MS in Computer Science and Engineering/Information technology or equivalent with four year of relevant experience. **OR** B. Tech/ B.E. in Computer Science and Engineering/ Information Technology or equivalent with Seven years of relevant experience. **OR** M.Sc. in Computer Science, Information Technology, or equivalent with Seven years of relevant experience. **OR** M.C.A. from a recognized University or statutory body with Seven years of relevant experience.
Desirable Qualifications and Experience	• Expertise in one or more programming languages such as Java, Python, Php, C++, or JavaScript, Node Js , Express Js. • Proficiency in front-end and back-end development technologies. • Experience with popular web frameworks (e.g., React, Angular, Vue.js). • In-depth knowledge of database systems, including MySQL, MongoDB and NoSQL databases.

	• Strong understanding of software architecture and design principles. • Experience in designing scalable and maintainable software systems. • Proven leadership skills with the ability to guide and mentor junior team members. • Experience in leading and driving technical decisions within a team. • Excellent communication skills, both verbal and written, for effective collaboration and documentation.
Roles and Responsibilities	• Lead and contribute to the development of high-quality software applications. • Architect and design software solutions that align with business requirements. • Mentor junior developers and provide technical guidance to the team. • Collaborate with cross-functional teams, including product managers, designers, and QA engineers. • Provide technical leadership and make key technical decisions. • Drive innovation by proposing and implementing new technologies and approaches. • Commitment to staying updated on the latest technologies, industry trends, and best practices.
Emoluments (INR)	**Upto 8.4 Lakhs (per annum)**
Upper Age Limit	**Maximum Age 40 years (as on date of application)**

3. **Software/App Developer** - **(06 Posts)**

Place of Posting	**Indian Institute of Technology Bhilai**
Essential Qualification	M.Tech/ME/MS in Computer Science and Engineering/Information technology or equivalent with two year of relevant experience. **OR** B. Tech/ B.E. in Computer Science and Engineering/ Information Technology or equivalent with four years of relevant experience. **OR** M.Sc. in Computer Science, Information Technology, or equivalent with four years of relevant experience. **OR** M.C.A. from a recognized University or statutory body with four years of relevant experience.

Desirable Qualifications and Experience	• Proficiency in one or more programming languages such as Python, Java, Node Js, or Php. • Strong understanding of HTML, CSS, and JavaScript. • Experience with popular web frameworks (e.g., React, Angular). • Knowledge of database systems, including MySQL, PostgreSQL, MongoDB. • Ability to design and optimize databases. • Strong understanding of algorithms and data structures for efficient problem-solving. • Excellent problem-solving skills and the ability to think creatively. • Proficient in UI/UX design principles and tools such as Figma, Sketch, or Adobe XD,Photoshop,Coral Draw. • Ability to create visually appealing and user-friendly interfaces. • Experience in creating prototypes and wireframes to visualize design concepts.
Roles and Responsibilities	• Write clean, efficient, and well-documented code for software applications. • Conduct thorough testing and debugging of software to identify and fix issues. • Work closely with cross-functional teams, including designers, testers, and product managers, to ensure successful project delivery. • Use technical expertise to solve complex problems and optimize existing solutions. • Stay updated on industry trends, technologies, and best practices to contribute to the continuous improvement of the development process. • Create and maintain documentation for code, processes, and best practices. • Interact with clients to understand project requirements and provide regular updates. • Design visually appealing and intuitive user interfaces following UI/UX best practices. • Stay updated on the latest UI/UX design trends, tools, and technologies. • Document UI/UX design decisions and processes for reference and collaboration.
Emoluments (INR)	**Upto 6 Lakhs (per annum)**
Upper Age Limit	Maximum Age 35 years (as on date of application)

4. **Database Administrator (DBA)**- **(01 Posts)**

Place of Posting	**Indian Institute of Technology Bhilai**

Essential Qualification	M.Tech/ME/MS in Computer Science and Engineering/Information technology or equivalent with two year of relevant experience. **OR** B. Tech/ B.E. in Computer Science and Engineering/ Information Technology or equivalent with four year of relevant experience. **OR** MCA, M.Sc. in Computer Science, Information Technology or equivalent with four year of relevant experience.
Desirable Qualifications and Experience	• Proficiency in managing relational database systems such as MySQL, PostgreSQL, Oracle, or Microsoft SQL Server. • Strong understanding of database design principles, normalization, and optimization. • Experience in optimizing database queries for improved performance. • Knowledge of database backup and recovery procedures to ensure data integrity. • Implementation and maintenance of database security measures, including access controls and encryption. • Proven skills in monitoring database performance and tuning for optimal efficiency. • Ability to write scripts for automating routine database tasks. • Development and implementation of disaster recovery plans for databases. • Experience in data migration between different database systems. • Strong troubleshooting skills to identify and resolve database-related issues. • Thorough documentation of database architecture, processes, and configurations. • Ability to collaborate with developers, system administrators, and other IT staff.
Roles and Responsibilities	• Install and configure database systems based on project requirements. • Design and optimize database structures for performance and scalability. • Implement and manage database security measures, including user access controls and encryption. • Develop and implement backup and recovery procedures to ensure data integrity. • Monitor database performance and tune queries for optimal efficiency. • Write scripts to automate routine database tasks and maintenance. • Develop and maintain disaster recovery plans for databases. • Execute data migration tasks between different database systems. • Identify and resolve database-related issues, working closely with other IT teams.

	• Maintain comprehensive documentation of database configurations, processes, and best practices. • Collaborate with developers and system administrators to ensure smooth operation of database systems.
Emoluments (INR)	**Upto 7 Lakhs (per annum)**
Upper Age Limit	Maximum Age 40 years (as on date of application)

5. **Data Analyst** - **(01 Posts)**

Place of Posting	Indian Institute of Technology Bhilai
Essential Qualification	Master's degree in Statistics, Mathematics, Computer Science, Economics, or a related field or equivalent with four year of relevant experience. . **OR** Bachelor's degree in Statistics, Mathematics, Computer Science, Economics, or a related field or equivalent with six year of relevant experience. . **OR** MCA, M.Sc. in Computer Science, Information Technology, or Equivalent with six year of relevant experience. .
Desirable Qualifications and Experience	• Proficiency in statistical analysis and interpretation of data trends. • Advanced skills in data manipulation using tools such as SQL, Python, or R. • Experience in creating clear and insightful data visualizations using tools like Tableau, Power BI, or Matplotlib. • Understanding of relational databases and the ability to query databases for analysis. • Ability to clean and preprocess raw data for analysis, ensuring data quality. • Familiarity with programming languages such as Python or R for data analysis. • Proficient in Excel, including advanced functions and pivot tables. • Strong critical thinking skills to solve complex business problems through data analysis. • Ability to understand business processes and translate business requirements into data analysis tasks. • Collaborative mindset with the ability to work effectively in a team environment.

Roles and Responsibilities	- Analyze large datasets to extract meaningful insights and trends. - Apply statistical models to identify patterns and trends in data. - Create visually appealing and informative dashboards and reports. - Clean and preprocess data to ensure accuracy and reliability. - Provide actionable business insights based on data analysis. - Collaborate with cross-functional teams to understand business requirements and provide data-driven solutions. - Generate regular reports and presentations for management and stakeholders. - Stay updated on industry trends and continuously improve data analysis processes. - Use data analysis to solve complex business problems.
Emoluments (INR)	**Upto 6 Lakhs (per annum)**
Upper Age Limit	Maximum Age 35 years (as on date of application)

6. Technical Support Engineer - **(10 Posts)**

Place of Posting	Indian Institute of Technology Bhilai
Essential Qualification	Scientific/Technical/Engineering 1. Science Graduate/Diploma in Engineering of three years duration 2. Minimum 2 years of experience in the relevant area **or** Engineering Graduate/MSc/Equivalent
Desirable Qualifications and Experience	- Work closely with our web development teams to understand project requirements and technical aspects. - Offer timely technical assistance and support throughout the project lifecycle. - Possess a fundamental understanding of web development technologies, including HTML, CSS, JavaScript, and popular frameworks. - Identify and troubleshoot technical issues related to web development projects. - Clearly communicate technical information to both technical and non-technical team members. - Maintain detailed documentation of technical issues, solutions, and best practices.
Roles and Responsibilities	- Provide technical support for project-related tools and software. - Provide expert technical support for MS Office applications, HTML, CSS, and JavaScript-related queries. - Collaborate with web development teams, offering technical assistance in the production of projects. - Document support cases, project details, and maintain a

	knowledge base for future reference. • Conduct training sessions for team members and end-users on project tools and office applications. • Contribute to project success by providing technical insights and support.
Emoluments (INR)	**Upto 2.5 Lakhs (per annum)**
Upper Age Limit	**Maximum Age 32 years (as on date of application)**

General Terms and Conditions:

1. Application will be accepted through the IBITF website only at the following link:

https://www.ibitf.co.in/recruit.html.

2. Candidates will be called for an interview and may have to appear in a written test.

3. Merely meeting a minimum qualification does not guarantee that the candidate will be called for an interview/written test. IBITF reserves its right to limit the number of candidates to be called for the interview/written test by applying appropriate shortlisting criteria.

4. Call Letters to the shortlisted candidates will be sent through email only.

5. No TA/DA will be payable to candidates appearing for the interview.

6. The candidates will be required to bring all certificates/testimonials, in original (Degree/Diploma certificates, Mark Sheets, Experience Certificates, Proof of age and identity for verification), along with one set of self-attested photocopies of the same for verification and records of IBITF and two recent passport size color photographs.

7. IBITF reserves its right to cancel the advertisement for any reason.

8. Canvassing in any form will be a disqualification.

9. IBITF shall not be responsible for any reason for delay or non-receipt of the application in part or full. All applications in the complete form must be submitted on or before the specified date and time. Incomplete applications or applications received after the specified date and time shall be rejected summarily.