मौलाना आज़ाद नेशनल उर्दू यूनिवर्सिटी   مولانا آزاد نیشنل اُردو یونیورسٹی

MAULANA AZAD NATIONAL URDU UNIVERSITY
(A Central University established by an Act of Parliament in 1998)
Gachibowli, Hyderabad – 500 032)
(Accredited "A" Grade by NAAC)

Annexure I

1. **Special Education Teachers**

    Education: M.Ed. in Special Education (Mental Retardation) or B.Ed. in Special Education (Mental Retardation)

    Experience: Minimum 5 years in special education, Psychology, preferably in curriculum development or instructional design.

    Knowledge: Deep understanding of the educational needs of students with intellectual disabilities

    Skills: Strong interpersonal and communication skills, proficiency in instructional technology tools, ability to analyze and interpret data, and curriculum design

    - **Soft Skills**:
    o   Superior written and oral communication skills.
    o   Empathy and in-depth knowledge of children with special needs.
    o   Adaptive and creative thinking.
    o   Strong teamwork and collaborative abilities.

    Key Responsibilities

    Curriculum Design: Develop and adapt curriculum frameworks tailored to meet the diverse needs and abilities of intellectually disabled students, ensuring alignment with educational standards and individualized education plans (IEPs).

    Task Analysis: Conduct comprehensive task analysis to break down learning objectives into manageable steps, identifying specific skills, prerequisites, and potential barriers for intellectually disabled students.

    Content Validation: Review, assess, and validate instructional materials, resources, and teaching strategies to ensure they are appropriate, accessible, and effective for intellectually disabled learners, considering different learning styles and abilities.

    Modification and Adaptation: Modify and adapt existing curriculum materials and instructional content to accommodate individual learning profiles, using alternative formats, assistive technology, and multisensory approaches as needed.

    Progress Monitoring Tools: Develop and implement tools and assessments to monitor students' progress and skill acquisition, regularly evaluating the effectiveness of teaching methods and making adjustments based on data analysis.

    Collaborative Review and Improvement: Collaborate with other educators, specialists, and stakeholders to review curriculum effectiveness, exchange best practices, and continuously improve teaching strategies and content to better address the needs of intellectually disabled students.

    Documentation and Reporting: Maintain detailed records of curriculum modifications, task analyses, content validation processes, and student progress, ensuring accurate documentation to inform future adjustments and support accountability.

2. **Vocational Curriculum Special Educator**

- **Education:** M.Ed. in Special Education (or) Post Graduation Degree with Bachelors Degree in Mental Retardation (or) M.A in Psychology with a diploma in vocational training and rehabilitation from a reputed institution (or) Master's in Social work in rehabilitation/Community Development
- **Experience:** Minimum 5 years in vocational training, especially for persons with intellectual disabilities.
- **Knowledge:** Comprehensive understanding of the vocational needs and capabilities of persons with intellectual disabilities
- **Skills:** Strong interpersonal and communication skills, proficiency in using vocational training tools and technology, ability to analyze and interpret data, and curriculum design.
  - **Soft Skills**:
  - o Superior written and oral communication skills.
  - o Empathy and in-depth knowledge of children with special needs.
  - o Adaptive and creative thinking.
  - o Strong teamwork and collaborative abilities.

Key Responsibilities

Curriculum Development: Create and maintain vocational training curricula that meet industry standards and meet the needs of diverse learners, including those with different abilities and backgrounds.

Instructional Design: help other team members to design innovative teaching methods, technology, and real-world applications to create interactive vocational training materials, lesson plans, and resources.

Collaboration and Partnership: Work with vocational instructors, industry professionals, employers, and community organizations to provide internships, practical experiences, and hands-on skills training.

Training Delivery: Lead vocational instructor and trainer training, workshops, and seminars to ensure curriculum, teaching, and assessment implementation.

3. **Infrastructure Developer**

Education

- Bachelor's or Master's degree in Computer Science, Information Technology, or a related field.
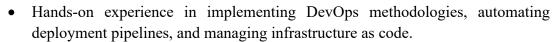
Experience:

- Minimum 5-7 years of experience in backend development, system architecture, and infrastructure management.
- Proven track record in designing, developing, and maintaining backend systems

for scalable and reliable applications.

- Hands-on experience in implementing DevOps methodologies, automating deployment pipelines, and managing infrastructure as code.

- Exposure to collaborating with cross-functional teams, handling system integrations, and troubleshooting complex issues.

- Previous work on optimizing system performance, ensuring security, and scaling applications as per business requirements.

- Proficiency in programming languages such as Java, Python, NodeJS and others relevant to backend development.

- Knowledge of system architecture design principles, including microservices, APIs, and distributed systems.

- Familiarity with cloud platforms (AWS, Azure, Google Cloud) and containerization technologies like Docker, Kubernetes.

- Experience with database management systems (SQL, NoSQL) and understanding of data structures.

- Certifications in DevOps practices, infrastructure management, or relevant technology stacks (optional but beneficial).

- Experience in the production pipeline of backend and frontend code.

Key Responsibilities:

- System Architecture Design: Design and develop scalable, robust, and reliable system architectures for software applications, considering factors such as performance, security, and scalability.

- Backend Development: Develop and maintain backend systems, including APIs, databases, and other server-side components, using programming languages like Python, Java, or others as required.

- Infrastructure Management: Manage and optimize cloud-based infrastructure on platforms like AWS, Azure, or Google Cloud, ensuring efficient resource utilization and scalability.

- DevOps Implementation: Implement DevOps methodologies to automate deployment pipelines, manage configurations, and ensure continuous integration and delivery (CI/CD) workflows.

- Collaboration and Integration: Collaborate with cross-functional teams to integrate systems, troubleshoot issues, and ensure smooth interactions between different components of the application.

- Performance Optimization: Identify and resolve performance bottlenecks, conduct system performance analysis, and implement optimizations for better

efficiency and responsiveness.

- Security Implementation: Implement and maintain robust security measures across the infrastructure and backend systems to protect against potential threats or vulnerabilities.

- Database Management: Manage database systems, including SQL and NoSQL databases, ensuring data integrity, performance, and scalability as per application requirements.

- Scalability and Resilience: Develop strategies and solutions for system scalability, resilience, and disaster recovery, considering business growth and changing demands.

- Research and Innovation: Stay updated with emerging technologies, conduct research on innovative tools or methodologies, and propose their adoption to enhance infrastructure and development processes.

- Documentation and Reporting: Document system architectures, configurations, and processes, and provide comprehensive reports on system performance, upgrades, and changes.

- Troubleshooting and Support: Provide technical support, troubleshoot system issues, and offer solutions to ensure smooth operations and minimal downtime.

4. DevOps Engineer

Education

- Bachelor's or Master's degree in Computer Science, Information Technology, or a related field.

Experience

- Proficiency in scripting languages (e.g., Python, Bash, Ruby) and experience with automation tools.

- Strong understanding of version control systems such as Git.

- Knowledge of configuration management tools like Ansible, Chef, or Puppet.

- Familiarity with containerization technologies such as Docker and orchestration tools like Kubernetes.

- Understanding of cloud platforms (AWS, Azure, Google Cloud) and their services.

- Experience with continuous integration/continuous deployment (CI/CD) tools like Jenkins, Travis CI, or GitLab CI.

- Certifications in DevOps methodologies, cloud platforms, or relevant technologies are advantageous.

Key Responsibilities:

- Infrastructure Automation: Design and implement automation processes for infrastructure provisioning, configuration, and deployment using tools like Ansible, Terraform, or Chef.

- Continuous Integration/Continuous Deployment (CI/CD): Develop and maintain CI/CD pipelines, enabling automated builds, tests, and deployments to enhance software delivery efficiency.

- Monitoring and Performance Optimization: Implement monitoring solutions and performance tuning to ensure system reliability, scalability, and efficient resource usage.

- Collaboration and Communication: Collaborate with development teams to enhance development workflows, troubleshoot issues, and ensure smooth integration of new features or updates.

- Documentation and Reporting: Document infrastructure configurations, deployment processes, and provide reports on system performance, upgrades, and changes.

General Terms and Conditions for all vacancies

1. The Committee for Manpower Recruitment reserves its right to restrict the number of candidates to be called for interview on the basis of qualifications and experience.
2. Incomplete applications and applications shall be summarily rejected.
3. The applications received after the due date shall not be entertained.
4. Prescribed qualifications and experiences may be relaxed in deserving cases on the recommendation of the Committee for Manpower Recruitment.
5. All the posts are purely on contractual engagement and any kind of claim for regular positions in the future will not be entertained.
6. The performance of the selected candidates will be assessed every month.
7. No queries regarding screening or interviews will be entertained.
8. All rights are reserved to fill or not to fill up the posts advertised for any reasons whatsoever. All rights are reserved to withdraw the advertisement, either partly or wholly, at any time without assigning any reason.
9. The number of vacancies indicated in this Notification are tentative. The number of posts may be decreased or increased at any point of time and per the project's requirements and availability of funds.
10. The last date for applications is 7th January 2024 at 20:00 Hrs.