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)

Project Based (temporary) Vacancies
(Revised)

Maulana Azad National Urdu University, Hyderabad invites application in the prescribed format for the following project based temporary positions in Hyderabad

1. **1 Research Fellow for content development @INR 31000/- per month**
2. **1 Web Developer @INR 40000/- per month**
3. **1 Augmented Reality Developer @INR 40000/- per month**
4. **1 Research Fellow (Computer Science) @INR 31000/- per month**

Last date for submitting CV/Application: 29th May by 18:00 hours (Hard Deadline)

About Project: A Project Titled "Adaptive Assistive System for the Moderate Mentally Disabled Children" has been approved and sanctioned in the Department of Computer Science & Information Technology, Maulana Azad National Urdu University by the Ministry of Electronics & Information Technology (MeitY). The project aims to develop a web-based learning and teaching framework to train and provide learning resources for the moderate mentally disabled children.

All the posts are based at Hyderabad, and will be delegated to various fields and sites as per the requirement

How to Apply:
A CV/application with details of educational qualifications and experience must be emailed at the following email id: meity.p@manuu.edu.in
Also fill the Google Form: https://forms.gle/nAErxQzBzdMjobjcA
For any further details and technical queries please contact to the following mobile numbers
1. +91-8297097786
2. +91-9441721776

Date of technical test and Interview to be intimated after short listing

> **Prof. Abdul Wahid**
> **Chief Investigator**
> **MeitY Project**
> **MANUU Hyderabad**

Note: The details of the positions, qualifications and expected roles and responsibilities are given on the next page

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1. 1 Research Fellow for Content Development

Necessary Qualifications and Experiences:

Essential Qualifications: Graduate or Postgraduate in Social Science with B.Ed. in Special Education and specialization with Multimedia or Computer Aided Instruction is desirable

  i. One year experience on Content development and content collection according to curriculum in special schools for mental disabilities
  ii. Coordinate with various stakeholders to ensure work for collection of inputs and follow-up.
  iii. Coverage of research interaction/workshops and preparation of reports.
  iv. Expert in MS-Office (Excel, Word, PowerPoint), content development tools

Job roles and responsibilities

i) Educational content development (English Language)
  a. Subjects: English, Math, Science, Social Science, Environmental Science
  b. Content: Fun activities, games, visually appealing animation and videos, conversations, short stories etc.

ii) Integrating curricula from various special schools and designing a holistic curriculum

iii) Interaction with special educators, collecting and analyzing their opinion

iv) Train other special educators on the developed tool

v) Design and prepare training manuals.

2. Backend Web Developer (Posts: 1) (Backend Developer)

Educational Qualifications:
  i. MCA / B. Tech/ BSc/MSc in Computer Science, IT or equivalent
  ii. 2 years relevant experience in
      a. Full stack web development
      b. Website maintenance.
      c. Application Development
  iii. Able to develop both front-end and back-end (Front-end followed by Back-end)
  iv. Familiarity with web standards; knowledge of website management tools & government web guidelines.

Requirements:
- **Should be able to perform business analysis**
- Problem solving with the use of Python
- Expertise in at least one popular Python framework (like Django, Flask)
- Strong Python knowledge with Back-end API development along with implementing Authentication and Authorization
- Developing high performing REST APIs for application functionality.
- Develop and maintain scalable server architecture.
- Should be able to develop clear, well documented, and maintainable code.
- Experienced knowledge on HTML, CSS, JavaScript and JS frameworks
- Have good experience with RESTful API's & JWT's, OAUTH2.

- Experience with third-party libraries and APIs.
- An ability to refractor and understands large and separate codebases.
- Experience in building highly scalable and reliable systems.
- Having good experience with Design patterns.
- Basic experience in LLD would be an added advantage.
- Experience with Mongo DB or MySQL is an added advantage.

3. Augmented Reality Developer

Essential Qualifications
Any Graduate/Post Graduate

Experience:
  i. Minimum 2-3 yrs. experience
  ii. Software development experience, with Unity 3D (C#), Augmented Reality (AR), iOS (Swift), Android (Java)
  iii. Expertise on ARKit, ARCore, Vuforia plugins/frameworks
  iv. Knowledge of other 3D Technology (Blender/Unreal /Maya /Pixyz/Vred/Team Center)
  v. Experience in UX design
  vi. Experience leading and working in teams that leverage Agile and DevOps

Specific Skill Requirement:
  i. Hands-on development experience across 3D mobile platforms (Unity, iOS, Android)
  ii. Hands-on development experience with AR/VR, leveraging Vuforia
  iii. Design AR content for educational curriculum
  iv. Experience with scripting, textures, animation, GUI styles, and user session management is essential
  v. Experience working on backend technologies and integrating API's
  vi. Analyze, design, develop and debug real time AR software for prototypes and user experiences.
  vii. Production of AR experiences viewable on mobile devices and web
  viii. Working with pre-created images and 3D models to create photorealistic experiences
  ix. Work closely with the software development team for evolving features.

4. Research Fellow (Computer Science) (Posts: 1)

Essential Qualifications:
Post - Graduate in Computer Engineering /Science /Application /IT /Mathematics /Electronics) or equivalent

Experiences:
  i. Coordinate with various stakeholders to ensure work for data collection and follow-up.
  ii. Coverage of Scientific events and preparation of reports.

Job Responsibilities

   i. Design and develop machine learning models.

  ii. Preparation of Software Requirement Specification Document

 iii. Preparation of Software Design Document and other technical reports

General Terms and Conditions for all Temporary vacancies

1. The Screening committee 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 not submitted on the Google form, shall be summarily rejected.
3. The applications received after the due date, shall not be entertained.
4. Separate application should be submitted for each post.
5. Prescribed qualifications and experiences may be relaxed in deserving cases on the recommendation of the screening committee/ selection committee.
6. All the posts are purely temporary and on contractual engagement and any kind of claim for regular positions in the future will not be entertained.
7. Performance of the selected candidates will be assessed every month.
8. No queries regarding screening or interview will be entertained.
9. 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.
10. The number of vacancies indicated in this Notification are tentative. The number of posts may be decreased or increased at any time and as per the requirements of the project.
11. Candidates who applied in the earlier notification need to apply again, but will be shortlisted against strict criteria and in exceptional cases
12. The last date of applications in 29th May 2022 18:00 Hrs.