G.Narayanamma Institute of Technology and Science

(for women)

(AUTONOMOUS)

Shaikpet, Hyderabad-500104

Date : 05-10-2026

RECRUITMENT NOTIFICATION

Applications for Project Manpower under IITI DRISHTI CPS Foundation Funded MedTech Project

Applications are invited from eligible and motivated candidates for the following temporary project positions under the project **"GazeAlign AI – Portable 9-Gaze Strabismus Screening System"**, supported by IITI DRISHTI CPS Foundation, IIT Indore, under the Lab-to-Market (L2M) Program for Medical Devices / Technology Development Program.

1. Project Details

Project Title	GazeAlign AI – Portable 9-Gaze Strabismus Screening System
Funding / Program	IITI DRISHTI CPS Foundation, IIT Indore – Lab-to-Market (L2M) Program for Medical Devices
Host Institution	G. Narayanamma Institute of Technology & Science (GNITS), Hyderabad
Principal Investigator	Dr. Pavani Bethelli, Assistant Professor, GNITS, Hyderabad
Co-Principal Investigator	Dr. K. Venkata Subbareddy, Founder & Director, CEEV Research Labs Private Limited
Nature of Positions	Purely Temporary

2. About the Project

GazeAlign AI / SquintSense is a portable Vision-AI-enabled MedTech platform being developed for objective and standardized assessment of ocular misalignments (Ex. Squint). The project integrates ocular imaging, standardized fixation and gaze guidance, computer vision, artificial intelligence/deep learning, embedded/edge computing and structured digital reporting. The project involves product refinement, algorithm development, prototype integration, clinical/pilot evaluation, engineering verification and preparation for productization.

3. Positions Available

Position	No.	Minimum/Project Requirement	Remuneration	Indicative Engagement
PhD Research Fellow (JRF/SRF)	01	Candidate must be currently enrolled in a PhD programme in a relevant discipline at Any University / Institution	JRF: ₹37,000/month + HRA , as applicable under project norms. OR SRF: ₹42,000/month + HRA, as applicable under project norms.	Initially up to 12 months, extendable subject to performance, project tenure and funds.
Project Associate-I	01	B.E./B.Tech in Engineering/Technology in a relevant discipline from a recognized University or equivalent.	₹25,000/month + HRA as per DST Project Associate-I norms.	Initially up to 12 months, extendable subject to performance, project tenure and funds.

4. Position I – PhD Research Fellow (JRF/SRF)

4.1 Essential Eligibility

- Must be currently and validly enrolled/registered in a PhD programme at a recognized University/Institution in a discipline relevant to the project.
- Relevant disciplines may include Computer Science & Engineering, Artificial Intelligence, Data Science, Electronics & Communication Engineering, Biomedical Engineering, Electrical Engineering, or a closely related field.
- Should possess research competence relevant to Artificial Intelligence, Machine Learning, Computer Vision, Image Processing, Medical Image Analysis, eye/gaze analysis, or related areas.

4.2 Desirable Skills

- Python, OpenCV, PyTorch and/or TensorFlow
- Computer Vision, Deep Learning and image/video analytics
- Medical image analysis, ophthalmic imaging, gaze/eye tracking or ocular motility analysis
- Dataset preparation, annotation, model training, validation and performance evaluation
- Edge-AI/embedded-AI deployment
- Research publications, technical documentation and experimental design

4.3 Key Responsibilities

1. Develop and refine Vision-AI algorithms for ocular image, eye-alignment and gaze analysis.
2. Process, curate and analyze clinical ocular image/video datasets generated under the project.
3. Train, validate and evaluate AI/deep-learning models using appropriate performance metrics.
4. Integrate algorithms with the GazeAlign AI prototype and support end-to-end workflow development.
5. Participate in experimental and supervised clinical/pilot validation activities with the project team and collaborators.
6. Maintain research records, technical documentation, model/version records and project deliverables.
7. Contribute to research publications, intellectual property, reports, demonstrations and project reviews.

4.4 Fellowship

JRF: ₹37,000 per month + applicable HRA (OR) SRF: ₹42,000 per month + applicable HRA, subject to the candidate's eligibility and the applicable sanctioned project/DST/Host Institution norms. HRA shall be governed by the applicable rules at the place of work; where hostel accommodation is provided/availed under the applicable rules, HRA treatment shall follow those rules.

5. Position II – Project Associate-I

5.1 Essential Qualification

- B.E./B.Tech degree in Engineering or Technology from a recognized University or equivalent.
- Preferred disciplines: Electronics & Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Biomedical Engineering, or a closely related discipline.

5.2 Upper Age Limit

35 years for Project Associate-I As per applicable Norms, subject to any relaxation/adoption permitted under the applicable Government/Host Institution rules.

5.3 Desirable Skills

- Raspberry Pi / embedded Linux systems and peripheral interfacing
- Camera interfacing, image acquisition and basic computer vision
- Python, OpenCV and application/API integration
- Electronics integration, wiring, power systems and prototype debugging
- Wi-Fi/Bluetooth/wired communication interfaces
- Mechanical/electronic prototype assembly and testing

- Technical documentation, test logs and pilot deployment support
- Experience in AI/ML, Edge-AI or medical-device prototype development will be an advantage

5.4 Key Responsibilities

1. Integrate cameras, Raspberry Pi controller, power subsystem and communication interfaces with the prototype.
2. Support embedded software, device-control and image-acquisition workflow development.
3. Assist integration of Vision-AI modules with the embedded/product platform.
4. Perform prototype assembly, debugging, functional testing and engineering verification.
5. Support standardized fixation/gaze-guidance mechanisms and associated hardware/software integration.
6. Maintain test records, BOM/component records, configuration documentation and technical reports.
7. Support installation, demonstrations, hospital/pilot deployment and troubleshooting.
8. Work full-time on the sanctioned project under the supervision and administrative requirements of the PI/Host Institution.

5.5 Remuneration

₹25,000 per month + applicable HRA as per DST Norms.

6. Place of Work

G. Narayanamma Institute of Technology & Science (GNITS), Hyderabad, with project-related visits to collaborating clinical/technical institutions, pilot sites or other approved locations as required.

7. Application Procedure

Interested candidates should submit the following:

- Updated Curriculum Vitae (CV) with recent photograph and contact details.
- Copies of educational qualification certificates and mark sheets.
- For PhD Research Fellow: PhD registration/enrollment/continuation proof.
- Relevant experience certificates, publications, project details and technical portfolio, if any.
- For candidates currently employed: NOC/relieving/deputation/permission document at the stage required by the Host Institution.
- Any other document requested by the selection committee/Host Institution during verification.

Application Email: beti.pavani@gmail.com

Email Subject: Application for [PhD Research Fellow (JRF/SRF) / Project Associate-I] – GazeAlign AI Project

Last Date for Application: 12th October 2026.

8. Selection Procedure

8. Applications will be screened for essential eligibility and relevance to the project.
9. Shortlisted candidates will be called for an online/offline interview and/or technical interaction.
10. Selection will be based on qualifications, research/technical experience, project relevance and interview performance.
11. The Host Institution/selection committee will determine the appropriate category/designation and remuneration in accordance with the sanctioned project and applicable norms.
12. Merely satisfying the minimum eligibility does not guarantee shortlisting or selection.

9. Special Conditions for Candidates Already Employed

A candidate already employed by an organization may apply, subject to disclosure of the existing employment. If selected for a full-time project position, the candidate shall provide the required NOC/relieving/deputation documentation and shall work for the sanctioned project in accordance with Host Institution requirements. No duplicate salary, fellowship or remuneration shall be drawn/claimed for the same full-time engagement period.

10. Additional Documents for an Already-Enrolled PhD Scholar

- Current PhD registration/continuation certificate.
- NOC from the PhD supervisor/guide.
- NOC from Department/Institution/University, if required under the scholar's University rules.
- Proof of completion/cessation of any earlier fellowship.
- Signed declaration confirming that no concurrent fellowship/stipend will be drawn for the same period.
- PhD progress/status certificate and research-experience documents, where relevant to JRF/SRF classification.

11. General Terms & Conditions

- All positions are temporary and project-specific and do not confer any right to permanent employment at GNITS, CEEV Research Labs, IIT Indore or IITI DRISHTI CPS Foundation.
- Appointment/continuation will be subject to satisfactory performance, project requirements, sanctioned tenure and availability of funds.
- Selected candidates must comply with institutional rules on attendance, confidentiality, data protection, research ethics, intellectual property and project documentation.
- Candidates may be required to sign confidentiality/IP/data-use undertakings applicable to the project.
- Original documents shall be produced for verification at the time specified by the Host Institution.
- The competent authority reserves the right to modify, defer or cancel the recruitment process in accordance with project/institutional requirements.

05/10/26

Dr. Pavani Bethelli
Principal Investigator
GNITS

Dr.K.Ramesh Reddy 5/10/26
PRINCIPAL, GNITS

PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

— End of Notification —