RESEARCH POSITION

Manipal Academy of Higher Education (MAHE), Manipal, invites applications for the research position under ICMR Extramural funded project titled *"Feasibility of optometrist-driven, artificial intelligence-based universal eye screening of healthy late preterm and term neonates"* at the Department of Neonatology, Kasturba Medical College (KMC), Manipal.

Position	Eligibility and Job Description	Remuneration
Project Research Scientist – I (Non-Medical) **(Position: 1)**	**Qualification:** B. Tech (4 yrs Course) or MCA with 60% marks in aggregate or CGPA 6.0 and above. **Desirable Qualification/ Experience / Skills:** * M. Tech (Computer Science) * Experience in working with artificial intelligence models * Skilled in Python * Willingness to learn AI/ML tools such as Pytorch & Tensorflow etc. **Job Description:** 1. To work with the technical team from Manipal Institute of Technology (MIT) to develop the AI model. 2. To validate the AI model with PI, Ophthalmology, and technical teams. 3. To monitor the daily work of other project technicians involved. 4. To help PI maintain the equipment (3NethraNeo, Laptop provided & artificial eye) 5. To maintain ledger and other project files 6. To help in/ perform data entry and analysis 7.To file a patent for the AI model after successful validation. **Age Limit: 35 years** **Job Code:** ICMR Project: Application for Project Research Scientist-I (Non-Medical)	Rs. 61,600/- p.m. (Rs.56,000+ 10% HRA)
Project Technical Support – III **(Position: 1)**	**Qualification:** B.Sc Optometry with 3 years of experience or M.Sc Optometry **Desirable Qualification/ Experience / Skills:** *Experience in doing optometry evaluations on children * Willingness to get trained (out of station) in retinal image capture in neonates using the RetCam **Job Description:** 1. To administer eye drops (pupillary dilatation and analgesic) 2. To do external eye examination, speculum application, collection of RetCam images, and record in proforma. 3. To administer antibiotic drops post-procedure 4. To transfer images to the desktop and co-ordinate with the ophthalmologist for image analysis. 5. To report the findings to the family members and follow-up of neonate till 7 days post-procedure. 6. To maintain records 7. To maintain ledger book. 8. Data Collection and Data Entry **Age Limit: 35 years** **Job Code:** ICMR Project: Application for Project Technical Support -III	Rs. 30,800/- p.m. (Rs.28,000+ 10% HRA)

Position	Eligibility and Job Description	Remuneration
Project Nurse-I **(Position: 1)**	**Qualification:** Two years Auxiliary Nurse & Midwife (ANM) Course **Desirable Qualification/ Experience:** * B.Sc Nursing * Experience in working with neonates or children **Job Description:** 1. To assist the Optometrist in image collection 2. To assist PI in identifying eligible patients, administering consent, explaining PIS, filling proforma, and following up till 7 days post-procedure. 3. Maintenance of records (proforma, consent forms) **Age Limit: 25 years** **Job Code:** ICMR Project: Application for Project Nurse – I	**Rs. 19,800/- p.m.** **(Rs.18,000+ 10% HRA)**

*Mentioning of **Job Code** in the subject line of the application is mandatory.*

Duration of engagement: Initially for a period of One year and extendable upto three years based on the performance in the first year and need of the project.

Candidates possessing the requisite qualification may send their detailed CV and documents in support of qualification and experience by **March 18, 2025** to the following e-mail id/address. Shortlisted candidates will be informed by e-mail about the interview date. No TA/DA will be paid for attending the interview.

Director – HR

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