# AHRC (AI&HPC RESEARCH CENTER) IIT Bhubaneswar

Recruitment under AHRC Research Fellow Program

Advt.no: Recruitment/AHRC IITBBSR/2025-26/

ONLINE applications from interested candidates/eligible Indian Nationals for the following positions ON CONTRACT BASIS. These positions are purely temporary in nature.

| Sl. No | Name of the Post | Number of Vacancies | Consolidated Remuneration | Nature of Engagement |
|---|---|---|---|---|
| 1 | JRF/SRF | Rolling, As needed | JRF salary: 50k-60k/mo consolidated<br>SRF salary: 55k-70k/mo consolidated | Contract |
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**Detailed vacancies for the position is given below:**

| Name of the Projects/Tracks/Research Areas | |
|---|---|
| | 1. AI in Robotics – Robotic perception, motion planning, and automation using AI. Prototyping for various applications |
| | 2. AI in Smart Cities/Smart Grids – AI-powered solutions for urban infrastructure, energy management, power grids and sustainability. |
| | 3. AI in Assistive Technologies – AI applications for accessibility, rehabilitation, and assistive healthcare. |
| | 4. AI in Agriculture – AI-driven precision farming, crop monitoring, agronomic decision-making, water resources management and other agricultural applications. |
| | 5. AI in Infrastructure – AI-based predictive maintenance, construction automation, and smart infrastructure, buildings, roads, power plants. |
| | 6. AI in Medicine and Life Sciences – AI applications in diagnostics, medical imaging, drug discovery, and personalized healthcare. |
| | 7. AI and Computer Architecture – Designing High Performance Computer systems for efficient execution of AI software such as LLM's and Deep Learning models |
| | 8. AI in Railways and Transportation – AI solutions for railway safety, predictive maintenance, intelligent transportation, logistics, operations in aviation, road transport and railways |

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|---|---|
| | 9. AI in Mining – AI-driven mineral exploration, safety monitoring, and autonomous mining operations. |
| | 10. NLP/Generative AI – Advancing natural language processing (NLP) and generative AI technology for communication, automation, content creation and AI agents for Govt./enterprise services |
| Qualification and Experiences: | JRF-Exp:  BTech+2years,  or  MTech in any engineering discipline <br><br> SRF-Exp:   BTech+4years or MTech+2yrs, or PhD in any engg. discipline <br><br> At least one machine learning course completed either during BTech/MTech or from reputed online platform <br><br> Proficiency in at least one programming language C/C++/Python/MATLab |
| Desirable Qualifications/ Experiences | 2-3 projects applying ML/DL to respective domains. <br><br> Industry experience in developing AI/ML/DL applications <br><br> Research project engineer/fellow experience in relevant areas |
| Duration Appointment: | Initially for 1 year with possible extension depending on performance |
| AHRC Center-Director | Prof Ashwini Nanda |

Please click the link to apply
Google form link
https://docs.google.com/forms/d/e/1FAIpQLSeYtGuVWIaU7ffarGyDQHOESjh-kREVIsIyBHlV_VYl0YSiBg/viewform?usp=header