

Postdoctoral Fellow (PDF)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF) in AI in Medicine and Life Sciences - AI & High-Performance Computing Research Centre (AHRC), IIT Bhubaneswar**Position Overview**

The AI & HPC Research Centre (AHRC) at IIT Bhubaneswar invites applications for **Postdoctoral Fellow, Senior Research Fellow and Junior Research Fellow positions** in Artificial Intelligence (AI), High-Performance Computing (HPC), and related fields to contribute to cutting-edge research in Medicine and Life Sciences. The ideal candidate must have expertise in AI, Machine Learning (ML), Deep Learning and have handled innovative projects at the intersection of **clinical data science** and **metagenomics**, applying **computational and AI-driven approaches** to transform medical research.

Focus: Clinical & Metagenomics Data Analysis using AI

Key Responsibilities

- Lead and contribute to innovative research focused on Medicine and Life Sciences using AI, ML,
- Publish high-quality research in peer-reviewed journals and present findings at international conferences.
- Collaborate with multidisciplinary teams and industry partners for real-world application of research findings.
- Prototyping Development & Testing

Areas of Research Focus

- Artificial Intelligence (AI) & Machine Learning (ML)
- Deep Learning
- Medicine and Life Sciences
- Algorithm Development
- Data Analysis & Modeling
- Research Publication & Scientific Communication

Eligibility Criteria

Junior Research Fellow	Senior Research Fellow	Postdoctoral Fellow
Qualification: B.Tech/BS/B.Sc + 2 years of experience, or MTech/MS/MSc in any related field	Qualification: B.Tech/BS/B.Sc + 4 years of experience, or MTech/MS/MSc + 2 years of experience in any related field	Qualification: Ph.D. in a related field
Skills: <ul style="list-style-type: none">• Strong foundation in AI, ML, Deep Learning• Strong programming skills in R, Python, and Shell scripting• Experience in large-scale data analysis applications in biomedical research• A passion for collaborative, interdisciplinary science		

Tenure: Initially for 1 year, extendable up to 5 years based on annual performance review.		
Fellowship: up to ₹50,000/- month (consolidated, based on experience)	Fellowship: up to ₹65,000/- month (consolidated, based on experience)	Fellowship: up to ₹80,000/- month (consolidated, based on experience)

- Documents to be submitted online

Application should include: -

- Detailed CV
 - For Ph.D.: thesis summary (one page)
 - For All: Research proposal (maximum two pages)
 - List of publications
 - All relevant educational certificates & marksheets.
- **Facilities:** Access to state-of-the-art HPC infrastructure, research collaborations, and funding opportunities, working with IIT students, Faculty Members, and Researchers. You will collaborate closely with the **Dwibedi Lab** at **Umeå University, Sweden**, and premier institutions in India in this field bringing international exposure and rich research exchange.

How to Apply:

Candidates, who fulfill the eligibility criteria, should apply through the link given below.

Link: https://docs.google.com/forms/d/10GrZ115fshKfixrcLdj8C_P96Jflnwmc_zMi5ERL-NE/preview

Selection Procedure:

Candidates may send an email to career.ahrc@iitbbs.ac.in in case of any queries. Candidates will be shortlisted based on eligibility criteria, academic record, relevant experience, and overall fit with the position. Only shortlisted candidates will be contacted for an interview by the selection committee. Meeting the criteria does not guarantee an interview call. If no suitable candidate is found, the position will remain vacant, and a new advertisement may be issued at a later time.

For more details, visit <https://www.iitbbs.ac.in/index.php/ahrc/ahrc-careers/>