

# IIT Bhubaneswar Research and Entrepreneurship Park

## Recruitment under VARCoE

### Research Fellow

Advt.no: Recruitment/IITBBSResearch and Entrepreneurship Park/2024-25/January

ONLINE applications from the 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	6	JRF: Rs.37000 + HRA SRF: Rs. 42000 + HRA	Contract

Detailed vacancies for the position is given below:

1. Name of the Project:	Efficient Design of SoC for AR/VR domain :VARCOE/23/02
Qualification and Experiences:	<ul style="list-style-type: none"><li>M.Tech/M.E degree in Computer Science Engineering or Electronics and Communication Engineering, with minimum 60% marks or 6.5 CGPA (in a 10-point scale). The candidate preferably be GATE qualified in Computer Science Engineering or Electronics and Communication Engineering.</li></ul> <p>OR</p> <p>B.Tech/B.E or equivalent degree in Computer Science or Electronics and Communication Engineering with minimum 70% marks or 7.5 CGPA (in a 10-point scale). The candidate must be GATE qualified. [Minimum 60% marks or 6.5 CGPA (in a 10-point scale) required in all other examinations from class 10 onwards. A single relaxation up to 5% marks in secondary/higher secondary/equivalent is permitted.</p> <ul style="list-style-type: none"><li>Have excellent C++/C/Python programming skills.</li></ul>
Duration Appointment:	Initially for 1 year with possible extension depending on performance
Duration of Project:	2 years
Name of PI	Dr. Debashree Tripathy

2. Name of the Project:	"Assessing Infrastructure Health Using Extended Reality: VARCOE/23/03
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Qualification and Experiences:	<ul style="list-style-type: none"> <li>● M.Tech/M.E or equivalent degree in Structural Engineering or Computer Science Engineering, with minimum 60% marks or 6.5 CGPA (in a 10-point scale). The candidate preferably be GATE qualified in Civil Engineering/ Computer Science Engineering.</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>● B.Tech/B.E or equivalent degree in Civil Engineering or Computer Science with minimum 70% marks or 7.5 CGPA (in a 10-point scale). The candidate must be GATE qualified. [Minimum 60% marks or 6.5 CGPA (in a 10-point scale) required in all other examinations from class 10 onwards. A single relaxation up to 5% marks in secondary/higher secondary/equivalent is permitted.</li> </ul>
Duration Appointment:	Initially for 1 year with possible extension depending on performance
Duration of Project:	2 years
Name of PI	Dr. Jothi Sarvanan

3. Name of the Project:	Virtual reality assisted 3D reconstruction and selective powder deposition printing of cranial implants for Neurofibromatosis :VARCOE/23/04
Qualification and Experiences:	<ul style="list-style-type: none"> <li>● B.E/B.Tech in Mechanical Engineering, Mechatronics engineering, Robotics engineering, or any relevant engineering disciplines with 65% or 7.00 CGPA with two years of experience (or) B.E/B.Tech in Mechanical Engineering, Mechatronics engineering, Robotics engineering or any relevant engineering disciplines with 65% or 7.00 CGPA and M. Tech in Mechanical System</li> <li>● Design/Machine Design/Robotics/Robotics and Automation or any relevant engineering disciplines with 70% or 7.50 CGPA.</li> <li>● Preferably GATE/NET qualified in ME or relevant Engineering disciplines</li> </ul>
Duration Appointment:	Initially for 1 year with possible extension depending on performance
Duration of Project:	2 years
Name of PI	Dr. Satish Panda

4. Name of the Project:	Investigations into Application of Low-Intensity- Virtual Reality Intervention in Anti-Depression Therapy: VARCOE/23/05
Qualification and Experiences:	<ul style="list-style-type: none"> <li>● M.Tech or equivalent degree in Electronics and Communication Engineering or having B.Tech. or equivalent degree in Electronics and Communication Engineering.</li> <li>● GATE/NET qualified in ECE</li> <li>● Good experience in C++/C/Python programming skills.</li> </ul>
Duration Appointment:	Initially for 1 year with possible extension depending on performance
Duration of Project:	2 years

Name of PI	Dr. Sudipta Kumar Mohapatra
5. Name of the Project:	“Developing Formal Methods and AI guided Tools for Security and Privacy Analysis of Virtual-reality (VR) based Systems” : VARCOE/23/06
Qualification and Experiences:	<ul style="list-style-type: none"> <li>● BTech/MTech in CSE/IT</li> <li>● Preferably GATE/NET qualified in CSE/IT</li> <li>● Work experiences: Preferably 2 years</li> </ul>
Duration Appointment:	Initially for 1 year with possible extension depending on performance
Duration of Project:	2 years
Name of PI	Dr. Padma Lochan Bera

6. Name of the Project:	Interactive story/poetry writing and scene generation using Augmented Reality VARCOE/23/01
Qualification and Experiences:	<ul style="list-style-type: none"> <li>● UG/PG degree in any engineering discipline/ UG/PG degree in appropriate science discipline having strength in</li> <li>● Python programming</li> <li>● Algorithm</li> <li>● Machine learning basics.</li> <li>● Preferably GATE/NET qualified in appropriate discipline.</li> </ul>
Duration Appointment:	Initially for 1 year with possible extension depending on performance
Duration of Project:	2 years
Name of PI	Dr. Manoranajan Satpathy

Please click the link to apply <https://forms.gle/W8Jpy8y67bDWbLMc9>

CEO , IIT Bhubaneswar Research and Entrepreneurship park