

**Advertisement No.: IITM/iHUB & HCIF-IIT Mandi/GSR/431**

Applications from highly motivated & experienced Indian nationals are invited for the project related to the development of artificial-skin/e-skin. The project is up to 12 months and the renewal of services for a few months/a year or up to the duration of the project will be based on satisfactory performance.

<b>Title of the Project</b>	<b>Development of artificial-skin integrated with multipurpose sensors and creating the perceptual explanations through artificial-skin</b>	
<b>Funding Agency</b>	iHUB & HCIF - IIT Mandi	
<b>Name(s) of the Project Investigator(s)</b>	Dr. G. Shrikanth Reddy	
<b>School/Center</b>	School of Computing and Electrical Engineering/Center for Digital Health	
<b>Nature of Post</b>	Purely Temporary Basis	
<b>Duration of the Tenure</b>	12 months (extendable further subject to the performance)	
<b>Post (s)</b>	<b>Consolidated Pay-slab / Salary</b>	<b>Minimum Qualifications</b>
PDF/ Senior Project Associate-II/SRF/ Senior Project Engineer/ Project Engineer/ Project Scientist, etc.  (No. of positions - 1)	20,000/- to 60,000/- subjected to the qualification, Interview performance and relevant experience	<b>PhD</b> in the relevant field of VLSI, Electronics/Materials Science and Engineering/Biomedical engineering/Instrumentation Engineer/Chemical Engineering/Mechatronics Engineering or equivalent in the related areas.  or <b>BTech/M.Sc. /M.Tech</b> in VLSI, Electronics/Materials Science and Engineering/Biomedical engineering/Instrumentation Engineer/ Chemical Engineering/Mechatronics Engineering or equivalent in the related areas plus 5 years' experience or Equivalent  Or <b>M.Sc. /M.Tech</b> in VLSI, Electronics/Materials Science and Engineering/Biomedical engineering/Instrumentation Engineer/ Chemical Engineering/Mechatronics Engineering or equivalent in the related areas + at least 2 years of experience.  Or <b>M.Sc. /M.Tech</b> in VLSI, Electronics/Materials Science and Engineering/Biomedical engineering/Instrumentation Engineer/ Chemical Engineering

भारतीय प्रौद्योगिकी संस्थान मंडी  
कमांद - 175 075, जिला - मंडी,  
हिमाचल प्रदेश, भारत



**Indian Institute of Technology Mandi**  
**Kamand – 175 075, District – Mandi,**  
**Himachal Pradesh, India**

		<p>/Mechatronics Engineering or equivalent in the related areas</p> <p><b><u>Desirable Experience for all the posts:</u></b></p> <ul style="list-style-type: none"><li>- Understanding of basic electronics circuit and wireless server network (WSN) user system integration.</li><li>- Good knowledge in printable flexible/stretchable electronics, circuits, sensors (pressure, temperature, etc.), or wearable/implantable devices.</li><li>- Experience in applied and solid mechanics, machine design, and rehabilitation instrumentation is desired.</li><li>- Good knowledge of mathematical modeling aspects, exo-skeleton design.</li></ul> <p>Good knowledge of AI/ML concepts and data analytics.</p>
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The candidates who are interested to apply for the above post should send their complete CV (having personal details, academic qualifications, research experience, publications, name, affiliation and mobile number, email address of two referees, information regarding educational qualifications indicating percentage of marks/division, details of work experience, etc. as pdf attachment **by e-mail with advertisement No. on the subject line to Dr. Ranbir Singh at email id: [ranbir@iitmandi.ac.in](mailto:ranbir@iitmandi.ac.in)**

IIT Mandi PI(s) & Co-PI(s) reserves the right to fix higher or lower criteria for shortlisting/selection or call for interview of eligible candidates from those satisfying advertised qualifications and requirements of the project post without any further explanation or any justification in this regard.

**The last date for applying by email is 15<sup>th</sup> February, 2024 by 5.00 p.m.**