

No.

Date: 13-09-2023

Project 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>	i-HUB IIT Mandi	
Name(s) of the Project Investigator(s)	Dr. G. Shrikanth Reddy	
School/Center	School of Computing and Electrical Engineering	
Duration of the Tenure	12 months (extendable further subject to the performance)	
<b>Post (s)</b>	<b>Consolidated Pay-slab / Salary</b>	<b>Minimum Qualifications</b>
Project Associate-I/JRF (No. of positions-2)	15,000/- to 40,000/- subject to the qualification, Interview performance, and relevant experience	B.Tech./M.Sc./M.Tech./ME or equivalent in Electronics/Instrumentation (includes Biomedical Instrumentation)/Mechanical/Production/Mechatronics/Computer Science/Data Science Engineering or equivalent in the related areas  <i>*Note 1: Master degree holders can also register for the Ph.D. or M.Tech. by Research or equivalent if they fulfill the eligibility criteria as per the Institute norms.</i>  <i>*Note 2: B.Tech. degree holders from centrally funded institutes can register for the Ph.D. or M.Tech. by Research or equivalent if they fulfill the eligibility criteria as per the Institute norms.</i>  Ph.D. in Electronics/Instrumentation (includes Biomedical Instrumentation)/Mechanical/Production/Mechatronics/Computer Science/Data Science Engineering or equivalent in the related areas.  or  B.Tech./M.Sc./M.Tech./ME or equivalent in Electronics/Instrumentation (includes Biomedical Instrumentation)/Mechanical/Production/Mechatronics/Computer Science/Data Science Engineering or equivalent in the related areas.
Post-Doctoral Fellow (PDF)/ Research Associate (RA)/ Research Scientist /Project Scientist, etc. (No. of positions-1)	20,000/- to 60,000/- subject to the qualification and relevant experience	+ 5 years' experience or equivalent  <b>Desirable Experience for all the posts:</b>  - Understanding of basic electronics circuits and wireless system integration.  - Good knowledge of printable flexible/stretchable electronics, circuits, sensors (pressure, temperature, etc.), or wearable/implantable devices.

भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमान्द – 175 075, जिला – मण्डी,  
हिमाचल प्रदेश, भारत



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

		<ul style="list-style-type: none"><li>- Experience in applied and solid mechanics, machine design, and rehabilitation instrumentation is desired.</li><li>- Good knowledge of mathematical modeling aspects, and exoskeleton design.</li><li>- Good knowledge of AI/ML concepts and data analytics.</li></ul>
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The candidates who are interested in applying 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. Narendra Kumar Dhar at email id: [narendra@iitmandi.ac.in](mailto:narendra@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 23<sup>th</sup> September, 2023 by 5.00 p.m.