



Center	Interdisciplinary Research Center for Advanced Materials
Job Title	Post-Doctoral Fellow
Job Description	<p>The center has vacancies for post-doctoral candidates with good experience and in-depth knowledge in any of the following areas:</p> <ul style="list-style-type: none"> ▪ Graphene development ▪ Advanced coatings for surface protection. ▪ Alloys design and development. ▪ Polymer composites design and development. ▪ Smart and self-healing materials development and applications. ▪ Materials for extreme environments. ▪ Computational materials and machine learning. ▪ Quantum Materials ▪ Materials failure and degradation in next-generation batteries, carbon capture, hydrogen transport and storage, and membranes <p>Preference will be given for candidates who have extensive hand-on experience in advanced materials processing, characterizations or testing.</p>
Job Responsibility	<ul style="list-style-type: none"> ▪ Contribute to the ongoing research projects in the center. ▪ Conduct basic and applied research. ▪ Develop advanced products and technology. ▪ Publish findings or creative work. ▪ Write research proposals. ▪ Teach courses
Qualification	<ol style="list-style-type: none"> 1. A Ph.D. degree in Materials Engineering, Mechanical Engineering, Physics, Chemistry, or a related field from a reputable institution. 2. In-depth knowledge and a strong record of published research in one or more of the areas described in the Job Description.