**National Chung Hsing University**

**i-Center for Advanced Science and Technology**

**Faculty Position Opening**

* **Position:** Project Professor / Project Associate Professor / Project Assistant Professor
* **Specialization:** Semiconductor IC design, Manufacturing, Packing & Testing, Inspection, Semiconductor Technology, Material Synthesis, Material simulation, Device Fabrication, and Machine Learning
* **Location:** National Chung Hsing University, Taichung, Taiwan
* **Application Deadline:** 2025/04/24
* **Start Date:** 2025/08/01
* **About the Position:**

**National Chung Hsing University** invites applications for the position of Project Professor / Project Associate Professor / Project Assistant Professor in semiconductor-oriented **science and engineering**. The selected candidate will contribute to cutting-edge research and (under)graduate lectures in **Integrated Circuit Design and Automation, Semiconductor Devices and Materials, Nanoengineering and Nanoscience, and Machine Learning Applications**.

* **Qualifications:**
  + Ph.D. in **Chemical Engineering, Chemistry, Materials Science, Physics, Electrical Engineering, Mechanical Engineering, or semiconductor-related fields**.
  + Strong publication record in high-impact journals.
  + Experience in handling advanced **fabrication and characterization tools**.
  + Knowledge of **computational modeling and AI-based material design** is preferred.
* **Key Responsibilities:**
  + Deliver **fundamental semiconductor courses** to graduate students
  + Conduct advanced research in **novel material synthesis and characterization**.
  + Develop and fabricate **semiconductor-based devices** for various applications.
  + Apply **machine learning techniques** for material prediction and optimization.
  + Publish high-impact research articles in peer-reviewed journals.
  + Collaborate with interdisciplinary teams on research projects.
  + Supervise graduate students and assist in securing research funding.
  + Excellent communication and teamwork skills.
* **Application Process:**

Interested candidates should submit a single merged PDF file containing the following documents to [**icast@dragon.nchu.edu.tw**](mailto:icast@dragon.nchu.edu.tw) with the email subject line: **"Application for iCAST Faculty Position - [Full Name].pdf"**

**“The hard copy should be mailed to our center.”**

1. Cover Letter
2. Curriculum Vitae
3. Research Statement (maximum 2 pages)
4. **Semiconductor Course Teaching Plan**
5. Contact details of at least two referees
6. Photocopies of Master's and Doctoral Degree Certificates
7. List of Publications for Faculty Appointment, Promotion, or Transfer at National Chung Hsing University (Representative works within the last five years)
8. Conflict of Interest Declaration Form for Application Review
9. Additional documents as specified in the Checklist

Website: ttps://icast.nchu.edu.tw/

* For inquiries, contact:

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We look forward to your applications!

