

National Yang Ming Chiao Tung University
Department of Microelectronics
Recruiting Faculty Members

- A. Department: Department of Microelectronics
- B. Position: Assistant Professor or above
- C. Number of positions: Several
- D. Application deadline: Until suitable candidates are hired
- E. Starting date: Earliest in August 2025
- F. Qualifications: Ph.D. degree recognized by the Ministry of Education before the starting date, with research capabilities.
- G. Areas of expertise:
 - Electronic materials, devices, and process technology, quantum computing, integrated optics and neural network technology, heterogeneous integration and stacking, advanced 3D package.
 - Fields related to semiconductors such as electronics, electrical engineering, physics, chemistry, and emerging materials.
 - Circuit design (analog circuit, digital circuit, mixed-signal circuit), emerging computing architectures, energy-saving, and low-latency design.
 - Must be capable of teaching in English. Newly hired faculty members are required to teach at least one specialized course in English each academic year for the first three years.
- H. Application materials:
 - Resume summary sheet
 - Full reprint of significant research works (up to five pieces, one of which should be designated as the representative work)
 - List of research works (including accepted but unpublished works, if any, please provide DOI)
 - Brief description of personal significant research achievements (one-page)
 - Research direction, goals, and resources for the next five years
 - Teaching plan: List at least four courses and provide course outlines, including foundational science and engineering courses.
 - Recommendation letters (at least three), which can be sealed and sent with the application materials or sent directly to nano@nycu.edu.tw
 - Official copies of university, master's, and Ph.D. degree certificates and transcripts. For those with foreign degrees, the degree certificates and transcripts should be verified by the Taiwan Overseas Mission Office.
 - Any other materials helpful for the review process (such as research interests, teaching philosophy, etc.)

I. Submission:

Applicants should compile the above materials in order and mail them to the National Yang Ming Chiao Tung University Department of Microelectronics Faculty Recruitment Committee at No. 1001, University Road, Hsinchu City 300, Taiwan, or email them to nano@nycu.edu.tw.

J. Salary and benefits:

In addition to the Ministry of Education's fixed salary, there are flexible salary schemes, the Ministry of Education Yushan (Youth) Scholar Program, TSMC Young Scholar Program, and National Science Council Young Scholar Special Projects such as the Einstein Cultivation Program, Columbus Program, Outstanding Talent Foundation related subsidies, and principal investigator fees for collaborative projects between National Yang Ming Chiao Tung University and industry.

All submitted materials, regardless of whether they pass the initial review, will not be returned.

Submitted materials are only for this recruitment process.

For inquiries,

Contact: Professor Ming-Dou Ker

Email: mdker@nycu.edu.tw

Contact number: +886-3-5712121 ext. 31573

Administrative affairs: Assistant Su-Chiung, Huang

Department website: <https://mee.nycu.edu.tw>

Contact number: +886-3-5731676

Fax number: +886-3-5735390

Email: nano@nycu.edu.tw