國立臺灣大學 教師 徵才公告

一、 聘任單位: 生物資源暨農學院 生物機電工程學系。

二、 職稱: 助理教授 (含) 以上專任教師。

三、 領域：智慧農機 1 名，循環農業工程 1 名，生物監控系統 1 名。

- 智慧農機：

  智慧農機運用各種工程技術，進行包含但不限於農業機具之自動化、智能化或精準作業，以提升農業生產效率或精準度、緩解勞動力短缺或降低農事作業風險。

- 循環農業工程：

  環農業工程運用各種工程技術，進行包含但不限於農業資源減量、廢棄物資源化、能源循環利用或碳排減量，以提升農業生產效率或促進環境永續發展。

- 生物監控系統：

  生物監控系統運用各種工程技術，進行包含但不限於動植物生理訊息擷取、生長環境監測、逆境預警或即時調控，以提升生物實驗效率或促進生產之品質穩定。

(請於應徵資料註明應徵領域，可選擇單一領域或同時應徵多個領域)

四、 起聘時間: 預定 2027 年 8 月 1 日起聘。

五、 應徵資格:

1. 具工程相關領域博士學位。
   - 應徵**智慧農機**領域：能開授「**應用力學(動力)**」、「**動力機械**」、「**生物產業機械**」、「**自動化系統設計**」相關課程。
   - 應徵**循環農業工程**領域：能開授「**物理化學**」、「**系統工程**」、「**生物程序工程**」、「**生物材料**」相關課程。

- 應徵**生物監控系統**領域：能開授「**電工學與實習**」、「**訊號處理**」、「**自動化系統設計**」、「**感測器原理與應用**」相關課程。

2. 具教學熱誠、樂於專業合作與跨域連結，且能促進本系持續發展者。
3. 具應徵領域創新研發能力。
4. 能英語授課，且具國際學術競爭力為優先考量。

六、 工作項目: 教學、研究、服務。

七、 工作地點: 本校生物機電工程學系。

八、 工作待遇: 本系提供優質教研環境，並積極向校方爭取新聘教師相關彈薪優遇。

九、 應檢具資料：

(一) 求職信**(需註明應徵領域及職級)**及中英文履歷(中文或英文一份，至少必須包含出生年月日、大學以上畢業學校、畢業年份、研究專長【請以 250 字以內簡述】、現職、經歷)。

(二) 七年內 (2020 年 8 月 1 日以後) 著作目錄 (註明是否為 SCIE 期刊) ，及指定五年內 (2022 年 8 月 1 日以後) 已發表於 SCIE 期刊之代表著作乙份 (需為研究論文，且為第一作者或通訊作者，不得為研討會論文、介紹與回顧性質著作 (Review)、書評、會議記實、紀要（note）、個案報告（case report）、短篇通訊（short communication）等非屬原創研究學術論文或非發表於具專業審查制度之學術期刊論文)，若有共同作者，需繳交代表作合著人證明。 (http://www.personnel.ntu.edu.tw/News_Content_n_165_s_5117.html)【應徵助理教授者，得以五年內之博士論文為代表著

作】

(三) 未來研究構想及詳細開課計畫各乙份。

(四) 學位證書影本(未能及時取得學位者，最遲於 2027 年 3 月 1 日前以電子郵件或紙本補件)。

(五) 應徵助理教授者需繳交大學部與研究所成績單 (若所獲得學位學校無須修課，需取得指導教授或所屬學系正式說明函) 。

(六) 推薦人清單 (至少兩名推薦人之聯絡資訊，包括姓名、服務單位、職稱、電話與電子信箱) 及推薦函兩封(應由推薦者寄出、最遲於 2027 年 1 月 8 日前以電子郵件或紙本寄達)。

十、申請截止日期：即日起至 2027 年 1 月 4 日前以電子郵件或紙本寄達聯絡人邱美瑜小姐。

系主任 陳倩瑜教授 Email: chienyuchen@ntu.edu.tw
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FACULTY POSITION OPENING

Department of Biomechatronics Engineering

National Taiwan University

The Department of Biomechatronics Engineering in the College of Bioresources and Agriculture at National Taiwan University invites applications for three full-time faculty positions at the level of assistant professor or higher, with one position available in each of the following fields:

- Smart Agricultural Machinery
  Smart Agricultural Machinery is the application of various engineering technologies to achieve, but not limited to, the automation, intelligentization, or precision operation of agricultural machinery and equipment, thereby improving the efficiency and precision of agricultural production, alleviating labor shortages, and reducing the risks of farming operations.
- Circular Agricultural Engineering
  Circular Agricultural Engineering is the application of various engineering technologies to achieve, but not limited to, the reduction of agricultural resource use, waste-to-resource conversion, energy recirculation, or carbon emission reduction, thereby improving agricultural productivity and advancing environmental sustainability.
- Biological Monitoring and Control Systems
  Biological Monitoring and Control Systems is the application of various engineering technologies to achieve, but not limited to, the acquisition of physiological information from plants and animals, monitoring of growth environments, early warning of stress, or real-time regulation, thereby improving the efficiency of biological experiments and enhancing the stability and quality of biological production.

(Please indicate in your application materials the field(s) you are applying for; you may apply for a single field or for multiple fields.)

The positions are expected to begin on August 1, 2027.

Qualifications:

1. Hold Ph.D. degree in engineering or engineering-related field.
   Being capable to teach "**Applied Mechanics (Dynamics)**", "**Power Machinery**", "**Bio-Industrial Machinery**", "**Design of Automated Systems**" or related courses for "Smart Agricultural Machinery" field.

Being capable to teach "**Physical Chemistry**", "**Systems Engineering**", "**Bioprocess Engineering**", "**Biomaterials**" or related courses for "Circular Agricultural Engineering" field.
Being capable to teach "**Electrical Engineering and Laboratory**", "**Signal Processing**", "**Design of Automated Systems**", "**Principles and Applications of Sensors**" or related courses for "Biological Monitoring and Control Systems" field.

2. Show passion on teaching, be willing to cooperate and interact across disciplines, and able to contribute to the continued development of the Department.
3. Demonstrate the strong potential to develop innovative research capacity in the field applied for.
4. Ability to teach in English and equipped with the competence to stand out in international academic research are preferred.

Responsibilities: teaching, research, and service.
Work location: Department of Biomechatronics Engineering, National Taiwan University.
Compensation: The Department provides an excellent teaching and research environment and will actively seek flexible salary incentives from the University for newly appointed faculty.

For application, applicant must submit the following documents by Email or registered mail.

- A cover letter (indicating the field(s) and the rank applied for), CV and supporting documents, including date of birth, schools attended (university level and above) and years of graduation, the rank applied for, current position, work experience, a copy of diploma of PhD degree, specialty fields (please provide a statement in less than 250 words), academic achievement, honors, and any other information which might be helpful to assess the applicant's qualification. For those who have not obtained their degree by the deadline, the latest date to submit the amended documents (degree certificate, etc.) via email or mail is March 1, 2027.
- Academic transcripts including undergraduate and graduate studies are required when apply for the position of assistant professor. If the degree-granting institution does not require coursework, an official explanation letter from the advisor or the department is required.
- List and the files (or hard copy)of scientific papers published after August 1, 2020 (Please indicate whether the paper was published in an SCIE Journal). Applicant should specify one SCIE paper (research article) published after August 1, 2022 as a representative journal article (applicant must be the first author or corresponding author) . "Verification of Co-author's Contribution to the Applicant's Representative

Publication" (http://www.personnel.ntu.edu.tw/News_Content_n_165_s_5117.html) is required if the representative journal article is co-authored. Conference papers, review articles, book reviews, conference proceedings, notes, case reports, short communications, other non-original research articles, and articles not published in peer-reviewed academic journals are not acceptable as the representative publication. Doctoral dissertation published after August 1, 2022 can be considered as a representative research work if applying for assistant professorship.

- Research proposal and teaching plan.
- List of referees (names, affiliations, telephone numbers, and email addresses of two referees) and two recommendation letters (should be directly sent by the referees to the contact staff of Faculty Searching Committee before January 8, 2027).

Deadline for application: All required documents must be received by January 4, 2027.

Mailing Address:
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