

# 「國立中山大學學術研究績優教師」工學院審查要點

## Review Directions for Excellent Teachers in Academic Research of the College of Engineering of National Sun Yat-sen University

112年5月29日111學年度第4次院務會議通過  
Approved at the 4th College Affairs Meeting of the 2022 academic year on May 29, 2023

- 一、本要點依據「國立中山大學延攬及留住大專校院特殊優秀人才實施規範」第一章第五條之一及第五章第二節第一目訂定。
    1. The Review Directions for Excellent Teachers in Academic Research (hereinafter referred to as “the Directions”) of the College of Engineering (hereinafter referred to as “the College”) are formulated in accordance with Article 5-1 of Chapter 1 and Item 1 of Section 2 of Chapter 5 under the Implementation Guidelines for Recruitment and Retention of Special Outstanding and Talented Faculty of National Sun Yat-sen University (hereinafter referred to as “NSYSU”).
  - 二、基本資格：
    - (一)需符合「國立中山大學教師學術倫理實施方案」之規定。
    - (二)於本校任職滿一年以上之本院專任教師、約聘教師、約聘研究人員(不含博士後研究人員)，且符合下列規定者：

三年內擔任國科會年度專題研究計畫、國科會國際合作計畫(惟純國際差旅及參加國際會議屬性之計畫例外)主持人、教育部教學實踐研究計畫主持人合計三件以上，且三年內所發表「科學引用文獻索引(Science Citation Index Expanded, SCIE)，以下簡稱SCIE」之論文篇數至少三篇，及論文「影響係數(Impact Factor)，以下稱Impact Factor」之總計達1.0以上者。
  2. Basic Requirements:
    - (1) Fulfill the requirements specified in the Implementation Plan for Academic Ethics of NSYSU.
    - (2) Full-time teachers, contract teachers, and contract researchers (excluding postdoctoral researchers) who have worked under the College for more than 1 year and meet the following conditions:

Participated in 3 or more special research projects of the Ministry of Science and Technology, international cooperation projects of the Ministry of Science and Technology (excluding projects which only require international business trips and attendance to international meetings), or Teaching Practice Research Program of the Ministry of Education as the Principal Investigator; published at least 3 papers in SCIE-indexed (Science Citation Index Expanded) journals; and achieve a score of 1.0 of Impact Factor for papers published in the last 3 years.
- 三、申請教師之計畫件數、論文篇數、論文 Impact Factor 總計三個項目所佔比例及計算方

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式如下：

3. Score structure based on 3 sections: the number of projects, the number of papers, and Impact Factor, is described below:

| Section   | Point System  | Maximum Points | Note   |
|---|---|----------------|--|
| Special research projects or international cooperation projects of the Ministry of Science and Technology (excluding projects which only require international business trips and attendance to international meetings) | <p>7 points for participating in 1 special research project or international cooperation project of the Ministry of Science and Technology (excluding projects which only require international business trips and attendance to international meetings) as the principal investigator.</p> <p>For participating in both an integrated project of the Ministry of Science and Technology and its subproject as the principal investigator, 4 points are given for the integrated project and 7 points are given for the subproject.</p> <p>For participating in a collaborative research project of the Ministry of Science and Technology as the principal investigator, or for participating in an exclusive project (During the project implementation period, the principal investigator must not concurrently implement other subsidy projects of the Ministry of Science and Technology) as the principal investigator or as the subproject investigator, 14 points are given for the investigator who meets the aforementioned conditions.</p> | 35             | Those who participate in a collaborative research project or an exclusive project (During the project implementation period, the principal investigator must not concurrently implement other subsidy projects of the Ministry of Science and Technology) are obliged to attach project plan solicitation announcement as proof. |
| Number of Papers Published in SCIE-Indexed Journals   | 6 points for the first 3 papers and 3 points for subsequent papers.   | 35             |  |
| Impact Factor<br>Impact Factor for Papers   | (1.0 – Ranking of the journal in which the best paper was published over the last 3 years/Number of the journals in the same category) x 8 points + (1.0 – Ranking of the journal in which the second best  | 30             | Please attach the information regarding the journal category and the number of journals in that category   |

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|  | <p>paper was published over the last 3 years/Number of the journals in the same category) x 8 points + (1.0 – Ranking of the journal in which the third best paper was published over the last 3 years/Number of the journals in the same category) x 8 points + (1.0 – Ranking of the journal in which the fourth best paper was published over the last 3 years/Number of the journals in the same category) x 4 points + (1.0 – Ranking of the journal in which the fifth best paper was published over the last 3 years/Number of the journals in the same category) x 4 points</p> |  |  |
|--|---|--|--|

※Papers published within the last 3 years prior to the deadline are acceptable. For example, if the deadline falls in April 2011, papers published between January 1, 2008, and December 31, 2010, can be submitted. Journal ranking refers to the best ranking of the last 3 issues.

四、 前述論文發表，申請教師需為學生以外之第一作者或通訊作者，其論文地址欄，如有兩個以上單位時，以中山大學為第一單位名義發表者為限，且兩個以上之本校作者將以排名在前之作者或通訊作者其中一位為執行獎勵對象；若該論文於所屬領域期刊排名 10% 內，則以排名在前之作者或通訊作者至多兩位為執行獎勵對象。論文採認之爭議由研發處認定之。

4. The applicant must publish papers stated above as the first author (aside from the student authors) or the corresponding author. If there are two or more organizations in the “address” section in the paper, NSYSU must be listed first. In the case that there are two or more authors from NSYSU, only one author (either the first author or one of the corresponding authors) is eligible as a qualified applicant. However, if the paper is ranked within 10% of the journals in its field, two authors (the first and the corresponding authors) are eligible as qualified applicants. Any controversy over the recognition of a paper shall be settled by the Office of Research and Development.

五、 審查作業程序：符合基本資格之教師，於每年依研發處公告時程逕向工學院申請，並由工學院學術審議委員會將審查結果排序(以本院教師人數百分之三十為限)，送研發處確認。

為兼顧不同領域之差異，申請教師經審議，其點數排名位於所屬系所第一順位(電力學程併入電機系、電信學程併入通訊所)，且點數達 70 點以上者，且其所屬系所專任教師人數達 6 人以上者，列入優先排序名單。

5. Review Procedure: Teachers who meet the basic requirements may submit their applications to the College according to the schedule released by the Office of Research and Development

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every year. The Academic Review Committee of the College ranks the applicants based on the review results (no more than 30% of the faculty of the College) and sends the list of applicants to the Office of Research and Development for confirmation.

To accommodate the differences between various academic fields, applicants who are evaluated as top-ranked within their respective departments/institutes (the International Master's Program in Electric Power Engineering is integrated into the Department of Electrical Engineering as one unit; the International Master's Program in Telecommunication Engineering is integrated into the Institute of Communications Engineering as one unit), with a score of 70 points or more, and whose affiliated departments/institutes have a minimum of six full-time faculty members, shall be given priority.

- 六、 凡任職本院之專任教師、約聘教師、約聘研究人員(不含博士後研究人員)，三年內以本校名義參與發表 Nature 或 Science 期刊論文者，不受本要點二、三、四點限制，即優先排序，送研發處確認。
6. Articles 2-4 of the Directions do not apply to full-time teachers, contract teachers, and contract researchers (excluding postdoctoral researchers) of the College who published papers in Nature or Science in the name of NSYSU in the last 3 years. They will have higher priority for confirmation from the Office of Research and Development.
- 七、 本要點如有未盡事宜，悉依有關法令及本校相關規定辦理。
7. Matters not stated in the Directions shall be handled according to statutory requirements and relevant rules of NSYSU.
- 八、 本要點經工學院院務會議通過後施行，修正時亦同。
8. The Directions become effective after being approved at the College Affairs Meeting. Amendments to the Directions shall follow the same procedure.

**「國立中山大學學術研究績優教師」工學院申請表**  
**Application Form of Excellent Teachers in Academic Research**  
**of the College of Engineering of National Sun Yat-sen**  
**University**

Approved at the 4th College Affairs Meeting of the 2010 academic year on April 15, 2011

Approved at the 2nd College Affairs Meeting of the 2011 academic year on January 11, 2012

Approved at the 3rd College Affairs Meeting of the 2013 academic year on March 6, 2014

Approved at the 3rd College Affairs Meeting of the 2015 academic year on February 25, 2016

Approved at the 1st College Affairs Meeting of the 2020 academic year on February 19, 2021

Approved at the 2nd College Affairs Meeting of the 2021 academic year on January 17, 2022

|   |  |  |
|---|--|--|
| Name of Unit:   | Applicant:   |  |
| Position:   | Nationality:   |  |
| Date of birth:  | Highest education level and year:  |  |
| <input type="checkbox"/> Application for Promotion in the Current Academic Year   | <input type="checkbox"/> Application for Retirement in the Current Academic Year |  |
| Requirement   | Please check the corresponding box   | Review and Approval Stamp of Department/Institute                                    |
| Fulfill the requirements specified in the Implementation Plan for Academic Ethics of NSYSU<br>(Please attach relevant training certificate in the last 3 years) | Yes <input type="checkbox"/> No <input type="checkbox"/>                         | Yes <input type="checkbox"/> No <input type="checkbox"/><br>Approval Stamp:<br>_____ |
| Full-time teachers, contract teachers, and contract researchers (excluding postdoctoral researchers) who have worked under the College for more than 1 year     | Yes <input type="checkbox"/> No <input type="checkbox"/>                         | Yes <input type="checkbox"/> No <input type="checkbox"/><br>Approval Stamp:<br>_____ |

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|   |                                     |                                    |   |
|---|-------------------------------------|------------------------------------|---|
| <p>Participated in 3 or more special research projects of the Ministry of Science and Technology, international cooperation projects of the Ministry of Science and Technology (excluding projects which only require international business trips and attendance to international meetings), or Teaching Practice Research Program of the Ministry of Education as the Principal Investigator; published at least 3 papers in SCIE-indexed (Science Citation Index Expanded) journals; and achieve a score of 1.0 of Impact Factor for papers published in the last 3 years.</p> | <p>Yes <input type="checkbox"/></p> | <p>No <input type="checkbox"/></p> | <p>Yes <input type="checkbox"/> No <input type="checkbox"/><br/>Approval Stamp:<br/>_____</p> |
| <p>Published papers submitted for application as the first author (in addition to the student author) or corresponding author and listing NSYSU first in the address section of papers.</p>   | <p>Yes <input type="checkbox"/></p> | <p>No <input type="checkbox"/></p> | <p>Yes <input type="checkbox"/> No <input type="checkbox"/><br/>Approval Stamp:<br/>_____</p> |
| <p>Published papers in Nature or Science in the name of NSYSU in the last 3 years (Please attach the full text of the paper published)</p>  | <p>Yes <input type="checkbox"/></p> | <p>No <input type="checkbox"/></p> | <p>Yes <input type="checkbox"/> No <input type="checkbox"/><br/>Approval Stamp:<br/>_____</p> |

**Scoring Form of Numbers of Projects and Papers and Impact Factor:**

| Section   | Point System  | Self-Evaluated Points | Points Reviewed by Department/Graduate Institute | Points Reviewed by Committee |
|---|---|-----------------------|--|------------------------------|
| <p>Special research projects or international cooperation projects of the Ministry of Science and Technology (excluding projects which only require international</p> | <p>7 points for participating in 1 special research project or international cooperation project of the Ministry of Science and Technology (excluding projects which only require international business trips and attendance to international meetings) as the principal investigator. For participating in both</p> |                       |  |                              |

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|---|---|--|--|--|
| <p>business trips and attendance to international meetings)</p> | <p>an integrated project of the Ministry of Science and Technology and its subproject as the principal investigator, 4 points are given for the integrated project and 7 points are given for the subproject.</p> <p>For participating in a collaborative research project of the Ministry of Science and Technology as the principal investigator, or for participating in an exclusive project (During the project implementation period, the principal investigator must not concurrently implement other subsidy projects of the Ministry of Science and Technology) as the principal investigator or as the subproject investigator, 14 points are given for the investigator who meets the aforementioned conditions.<br/>※Maximum: 35 Points</p> |  |  |  |
| <p>Number of Papers Published in SCIE-Indexed Journals</p>      | <p>6 points for the first 3 papers and 3 points for subsequent papers.<br/>※Maximum: 35 Points</p>  |  |  |  |
| <p>Impact Factor<br/>Impact Factor for Papers</p>               | <p>(1.0 – Ranking of the journal in which the best paper was published over the last 3 years/Number of the journals in the same category) x 8 points + (1.0 – Ranking of the journal in which the second best paper was published over the last 3 years/Number of the</p>   |  |  |  |

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|-------|---|--|--|--|
|       | <p>journals in the same category) x 8 points + (1.0 – Ranking of the journal in which the third best paper was published over the last 3 years/Number of the journals in the same category) x 8 points + (1.0 – Ranking of the journal in which the fourth best paper was published over the last 3 years/Number of the journals in the same category) x 4 points + (1.0 – Ranking of the journal in which the fifth best paper was published over the last 3 years/Number of the journals in the same category) x 4 points</p> <p>※Maximum: 30 Points</p> <p>Multiply the calculated number in parentheses by the point number specified and round the final number to 2 decimal places.</p> |  |  |  |
| Total |   |  |  |  |
|       | Applicant's Signature   | Stamp of Department/Graduate Institute |  |  |

Notes:

1. The applicant is required to attach the information regarding the journal category and the number of journals in that category.
2. Papers published within the last 3 years prior to the deadline are acceptable. For example, if the deadline falls in April 2011, papers published between January 1, 2008, and December 31, 2010, can be submitted. Journal ranking refers to the best ranking of the last 3 issues.