



**NANYANG  
TECHNOLOGICAL  
UNIVERSITY**  
SINGAPORE

College of Computing & Data Science

Reg. No. 200604393R

# **CCDS INTERNATIONAL POSTDOCTORAL FELLOWSHIP (IPF) 2025**

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## **INFORMATION BOOKLET**



## CCDS INTERNATIONAL POSTDOCTORAL FELLOWSHIP (IPF)

### INFORMATION BOOKLET

Updated: 17 October 2024

#### 1. WHAT IS IPF?

- 1.1 The College of Computing & Data Science (CCDS) International Postdoctoral Fellowship (IPF) aims to encourage outstanding Singapore citizens to pursue an academic career in computing, artificial intelligence, and data science at the Nanyang Technological University (NTU), by supporting their postdoctoral fellowship abroad.
- 1.2 Under IPF, the successful candidates will be employed as University staff. They will be granted paid leave to pursue a sponsored postdoctoral research fellowship at an approved overseas university for an extended period (normally two years). The fellowship will commence in AY2025. Upon successful completion of the postdoctoral fellowship, they will be appointed as tenure-track Assistant Professors of the University.

#### 2. ELIGIBILITY

- 2.1 IPF is open to **Singapore Citizens only**.
- 2.2 The successful applicant will possess (1) at least a Second Upper Class Honours Bachelor of Science or Engineering or equivalent qualification and (2) a PhD degree in Science or Engineering, from reputable universities including NTU.
- 2.3 A detailed study plan and interviews by College, and University panels will form an important part of the selection process.

#### 3. PROGRAMME STRUCTURE

- 3.1 The area of research pursued should be relevant to the University's and College's current and future teaching and research directions.
- 3.2 IPF allows successful candidates ("Awardees") to pursue their postdoctoral fellowship overseas, through pursuing postdoctoral fellowship in an approved overseas university.



- 3.3 The Awardee will maintain a regular and academically significant relationship with NTU during the postdoctoral fellowship years, including delivering several presentations, engaging in yearly discussion with the host Programme at NTU, and acknowledging NTU on all publications and conference presentations.

#### 4. MENTORSHIP

- 4.1 NTU will appoint one or more Faculty Mentors to each Awardee from the Awardee's home School and primary disciplinary area.
- 4.2 The responsibilities of the Faculty Mentor include:
- (a) Providing regular guidance to Awardees as their postdoctoral fellowship progresses; and
  - (b) Ensuring that Awardees engage in the academic life and activities of the University.

#### 5. BENEFITS

- 5.1 Before the start of the programme, Postdoctoral Awardees will be appointed by NTU to be an International Postdoctoral Fellow.
- 5.2 Awardees will enjoy prevailing staff benefits, as follows:

<b>Benefits for Postdoctoral Fellowship</b>	
Minimum starting salary	S\$6,000 per month
Contributions to Central Provident Fund (CPF) account	Prevailing rate
Return economy-class airfares between Singapore and country of study	Up to two sets per fellowship
Overseas maintenance allowance	S\$1,500 per month
Conference and fieldwork grants	S\$2,000 per year
Medical benefits	In accordance with the University's medical benefits scheme or as required by the host institution
One-time upfront pre-studies allowance	S\$2,800
Visa and immigration fees	In accordance with visa requirements



- 5.3 Awardees pursuing a postdoctoral programme in an approved overseas university will be granted full-pay study leave of up to **two [2] years**. An extension of up to six [6] months may be granted only in exceptional cases.
- 5.4 Upon successful completion of the postdoctoral fellowship, Awardees will be appointed as tenure-track Assistant Professors of the University. The Assistant Professor appointment will be tenable for an initial period of four years. Upon expiry of the term, he/she may be offered a further contract of three years by the University taking into consideration his/her teaching and research performance.

## **6. SERVICE OBLIGATIONS**

- 6.1 Postdoctoral Awardees have to serve at least two years at NTU after completion of postdoctoral training. For mid-term postdoctoral awardees, they will have to serve at least one year at NTU after completion of postdoctoral training.
- 6.2 To remain in the IPF programme, Awardees must submit an annual progress report to the University, stating their progress in their research.
- 6.3 Awardees must seek the College's approval if they wish to change their area of research midway through their postdoctoral fellowship.
- 6.4 Awardees must visit their home School in IPF at least once during their study overseas, for a period of no less than four weeks. During which, Awardees are to interact with fellow faculty and participate in suitable teaching / research and school activities.

## **7. OTHER SOURCES OF FUNDING**

- 7.1 Awardees are permitted, and encouraged, to contribute to university-level teaching in the host university, while pursuing their postdoctoral fellowship, subject to open disclosure to NTU.
- 7.2 Awardees cannot be recipients of scholarships or on talent development programmes that are already in receipt of direct public funding.
- 7.3 Awardees are permitted to seek external funding from other institutions (e.g. waiver of tuition fees and/or provision of stipends or maintenance allowances), only if they do not impose obligations that are in conflict with the terms of the IPF.



## COE INTERNATIONAL POSTDOCTORAL FELLOWSHIP (IPF)

### APPLICATION PROCEDURE

Updated: 17 October 2024

#### 1. APPLICATION PROCEDURE

- 1.1 Applicants who have not read this booklet in detail are advised to do so before proceeding with the application.
- 1.2 Applications, together with the supporting documents listed in paragraph 2 below, should be submitted to NTU through Workday by 31 December 2024.

#### 2. DOCUMENTS REQUIRED FOR APPLICATION

The following supporting documents should be submitted together with a completed [Application Form](#):

- 2.1 An abstract of any thesis previously written;
- 2.2 Copies of 2 or 3 pieces of research/design work that the applicant considers to be his/her most significant works;
- 2.3 A proposal of at least 2 research topics which he/she intends to pursue, with a minimum of a half-page write-up on the details of each proposed topic;
- 2.4 A copy each of the detailed results/transcripts of the following examinations:
  - GCE 'O' & 'A' Levels / School & Higher School Examinations
  - University degree(s)
- 2.5 A copy each of the following certificates:
  - GCE 'O' & 'A' Levels / School & Higher School Examinations
  - University degree(s)
- 2.6 A copy of the Graduate Management Admission Test (GMAT) or Graduate Record Examination (GRE) score sheet, if applicable;
- 2.7 A copy of the letter(s) of offer from each university applied to for admission to postdoctoral fellowship;



- 2.8 A copy of the letter(s) of offer for other scholarships and/or awards applied for and the outcome of these applications; and
- 2.9 A minimum of 2 confidential referees' report, to be sent through email to [<CCDS-IPF@ntu.edu.sg>](mailto:CCDS-IPF@ntu.edu.sg).

### **3. SELECTION PROCESS**

Only short-listed candidates will be notified. A preliminary selection will be carried out at the College level, and candidates short-listed for final selection will be interviewed by the University IPF Interview Panel. Selected candidates can expect to go through several rounds of interviews and to conduct an undergraduate lecture and research seminar as part of the evaluation process. Successful applicants will be notified shortly thereafter.