

Application Form
for
The Education and Research Collaboration Between
National Science and Technology Development Agency (NSTDA) and
Asian Institute of Technology (AIT)
Academic Year 2021

- Application Type:** HMK's Scholarship – Doctoral Degree
 RTG Fellowship – Doctoral Degree
 RTG Fellowship – Master's Degree

1. AIT Faculty Member

- 1.1. Name (English): _____
 (Thai, if any): _____
- 1.2. Academic Title: Lecturer Assistant Professor Associate Professor Other ...Please specify...
- 1.3. Contact
School: _____
Phone: _____ Mobile Phone: _____
Fax: _____ E-mail: _____
- 1.4. Research Expertise/Interests _____

- 1.5. Academic and Research Profile
.....Please complete the form as provided in the *Attachment 2*.....

2. NSTDA Researcher

- 2.1. Name (English): _____
 (Thai, if any): _____
- 2.2. Position: Researcher Lab Head Research Group Director
 Other(Please Specify)_____
- 2.3. Contact
Research / Focus Center: _____
Phone: _____ Mobile Phone: _____
Fax: _____ E-mail: _____
- 2.4 Research Expertise/Interests _____

- 2.5. Academic and Research Profile
.....Please complete the form as provided in the *Attachment 2*.....

2.6. Collaboration between AIT and NSTDA in this Project (Please describe how researcher(s)/faculty member(s) from both sides will collaborate in conducting this Project)

2.7. Expertise of AIT Faculty Member and NSTDA Researcher that would contribute to the success of student's research and in supervising and mentoring of the student. (Please explain)

2.8. Collaboration with Other Institutes (International/National) which relate to the research of NSTDA /AIT in this proposal, please advise (if any).

3. Student

3.1. Student Name: _____
 (Thai, if any): _____

3.2. Academic Program of Study:

School: _____

Department: _____

Program of Study: _____

3.3. Education Background related to the Thesis / Research topic:

.....

.....

.....

4. Research Proposal

4.1. **Main Research by NSTDA / NSTDA & AIT**

4.1.1. Project Title: ...

.....

.....

4.1.2 Research Planning and Scope (Main Research Project at NSTDA)

Year	Objective	Research Scope or Activity

4.1.3 Research Funds

Main Project by NSTDA NSTDA & AIT AIT

Funding Agency	Total Budget (THB)	Duration (Year, from – to)
*Fill in all sources		

4.2 Thesis / Research Project by “Student”

4.2.1 Abstract and Keywords

4.2.2 Research Area (*can select more than one area - if the thesis & research is related to*)

- 1. precision Agriculture
- 2. Medical devices
- 3. Digital Technology
- 4. Industrial Automation and Robotics
- 5. Bio Nano Materials
- 6. Food and Feed (including Bioprocess technology)
- 7. Energy and Environment
- 8. Environmental Technology
- 9. Others..... Please describe

4.2.3 Research Problem and Its Significance

4.2.4 Literature Review

4.2.5 Methodology

4.3 Scope of Research to be Conducted by Student

4.4 Expected Research Outcomes by Student

Title	Document Type (Publication, Patent...)	Expected Impact

* Required information and acknowledgment in

1. Application Form
2. Academic and Research Profile (Attachment 2)
3. Check list (attachment 3)
4. Acknowledgment of the Data Protection Policy (attachment 4)

Applicant (Student)

(_____)
 Date: _____

Signature of AIT Faculty Member

(_____)
 Date: _____

Signature of NSTDA Researcher

(_____)
 Date: _____

Attachment 1: The Qualification of AIT Faculty / NSTDA Researcher / Student (Candidate)

Type 1 : HMK- PhD		
AIT Faculty	NSTDA Researcher	Student
1.Full-time faculty member	1. Be employed by NSTDA as a full-time researcher	1.Having outstanding education record in 4-year Undergraduate Program and 2-year Master Program from accredited institution in related fields;
2.Having research with patent or published research within 5 years in International Journal as indicated below; <ul style="list-style-type: none"> • Nature Index • IEEE Xplore Digital Library/ACM Digital Library (IEEE/ACM Transactions/ Journals) or International Journal • International Journal with impact factor • SCOPUS 	2. Having filed or granted patents or published research in journals listed in Scopus or Web of Science (Science Citation Index Expanded: SCIE) at least 3 Paper within 5 years. Having publication in the international publication which related to the research topic not less than 5 papers would be highly considered.	2.CGPA of Bachelor's degree not less than 3.0 and Master's degree not less than 3.5
3.Having experience in being main advisor of PhD students	3. Having experience as a project leader of Research Development and Engineering (RDE) project which related to the research area of student's thesis.	3.English score of IELTS not less than 6.0 (overall and writing bands) or AIT EET not less than 6
4.Faculty receiving external research funding especially from Industrial sector would be highly considered	4. Having intensive experience and expertise in the field of student's research area/project.	4.Having research proposal relevant to AIT-NSTDA expertise
	5. Having a high potential to be a professional advisor who could give guidance, advice and support that enable students to conduct their research progressively. Having a proven experience in supervising completed graduate student(s) would be highly considered.	5.Applicants having research articles published in Scopus indexed publications would be highly considered.
	6. Having received external research funding from the Government or Industrial partner(s) would be highly considered.	6.Applicants receiving awards from academic competitions would be highly considered.

Attachment 1: The Qualification of AIT Faculty / NSTDA Researcher / Student (Candidate)

Type 2 : RTG- PhD		
AIT Faculty	NSTDA Researcher	Student
1.Full-time faculty member	1. Be employed by NSTDA as a full-time researcher	1.Having outstanding education record in 4-year Undergraduate Program and 2-year Master Program from accredited institution in related fields;
2.Having research with patent or published research within 5 years in International Journal as indicated below; <ul style="list-style-type: none"> • Nature Index • IEEE Xplore Digital Library/ACM Digital Library (IEEE/ACM Transactions/ Journals) or International Journal • International Journal with impact factor • SCOPUS 	2. Having filed or granted patents or published research in journals listed in Scopus or Web of Science (Science Citation Index Expanded: SCIE) at least 3 Paper within 5 years. Having publication in the international publication which related to the research topic not less than 5 papers would be highly considered.	2.CGPA of Bachelor's degree not less than 3.0 and Master's degree not less than 3.5
3.Having experience in being main advisor of PhD students	3. Having experience as a project leader of Research Development and Engineering (RDE) project which related to the research area of student's thesis.	3.English score of IELTS not less than 5.5 (overall and writing bands) or AIT EET not less than 5.5
4.Faculty receiving external research funding especially from Industrial sector would be highly considered	4. Having intensive experience and expertise in the field of student's research area/project.	4.Having research proposal relevant to AIT-NSTDA expertise
	5. Having a high potential to be a professional advisor who could give guidance, advice and support that enable students to conduct their research progressively. Having a proven experience in supervising completed graduate student(s) would be highly considered.	5.Applicants having research articles published in Scopus indexed publications would be highly considered.
	6. Having received external research funding from the Government or Industrial partner(s) would be highly considered.	6.Applicants receiving awards from academic competitions would be highly considered.

Type 3 : RTG- Master Degree		
AIT Faculty	NSTDA Researcher	Student
1.Full-time faculty member	1. Be employed by NSTDA as a full-time researcher	1.Having very good education record in 4-year Undergraduate Program
2.Having research with patent or published research within 5 years in International Journal as indicated below; <ul style="list-style-type: none"> • Nature Index • IEEE Xplore Digital Library/ACM Digital Library (IEEE/ACM Transactions/ Journals) or International Journal • International Journal with impact factor • SCOPUS 	2. Having filed or granted patents or published research in journals listed in Scopus or Web of Science (Science Citation Index Expanded: SCIE) at least 1 Paper within 5 years. Having publication in the international publication which related to the research topic not less than 5 papers would be highly considered.	2.CGPA of Bachelor's degree not less than 3.0.
3.Having experience in being main advisor of PhD students	3. Having experience as a project leader of Research Development and Engineering (RDE) project which related to the research area of student's thesis.	3.English score of IELTS not less than 5.0 (overall and writing bands) or AIT EET not less than 5.0.
4.Faculty receiving external research funding especially from Industrial sector would be highly considered	4. Having intensive experience and expertise in the field of student's research area/project.	4.Having research proposal relevant to AIT-NSTDA expertise
	5. Having a high potential to be a professional advisor who could give guidance, advice and support that enable students to conduct their research progressively. Having a proven experience in supervising completed graduate student(s) would be highly considered.	5.Applicants having research articles published in Scopus indexed publications would be highly considered.
	6. Having received external research funding from the Government or Industrial partner(s) would be highly	6.Applicants receiving awards from academic competitions would be highly considered.

Attachment 2
Academic and Research Profile

1. Name (English):
2. Name (Thai, if any):
3. Current Academic Title or Position:
4. Contact (Address/Phone/Mobile Phone/Fax/E-mail):
5. Education Background and Fellowship in reverse chronological order:
6. International Publications, Patents and others in the past 5 years in reverse chronological order
(*please attach relevant documents and specify impact factor scores or percentile ranks*):
7. Student / Others Supervision Experience:

	Number of Student		
	Doctoral Degree	Master's Degree	Others e.g., Research Assistant
Principal supervisor			
Completed			
In-progress			
Co-principal supervisor			
Completed			
In-progress			

8. Research Grants:

Project Title (<i>You can leave it blank if the title is confidential</i>)	Funding Agency	Total Budget (THB)	Duration (Year, from – to)	Responsibility (PI or Co-PI)	Status (Completed or In-progress)
1.					
2.					

For NSTDA researcher, please specify your experiences as a PI of development and engineering project(s) and please attach relevant documents.

9. Research and Professional Experience:
10. Awards and Distinctions:

Please select (Faculty / Researcher / Student)

(_____)

Date: _____

Attachment 3: Check list (Please complete the check list and submit with the application form)
Qualification Checklist for Type 1: His Majesty the King's scholarship – PhD_____

AIT Faculty Member		NSTDA Researcher		Student (who will be nominated in the next round)
Information	Works and Experiences	Information and Experience	Works and experiences	
Name: _____ <input type="checkbox"/> Be a full-time lecturer <input type="checkbox"/> Previously receive external research funding especially from Industrial sector _____ _____ _____	<input type="checkbox"/> Have experience in being main advisor of PhD Students In past 5 years (2015 – 2019): Have <input type="checkbox"/> _____ (number) patents <input type="checkbox"/> _____ (number) published research in Nature Index Journals <input type="checkbox"/> _____ (number) published research in IEEE Xplore Digital Library/ACM Digital Library (IEEE/ACM Transactions/ Journals) or International Journal <input type="checkbox"/> _____ (number) published research in International Journal with impact factor *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____	Name: _____ Status: Be employed by NSTDA as full-time researcher <input type="checkbox"/> Yes <input type="checkbox"/> No Experience: Experience in being head of research, development and engineering <input type="checkbox"/> Yes <input type="checkbox"/> No Having a proven experience in supervising completed graduate student(s) would be highly considered. <input type="checkbox"/> Yes <input type="checkbox"/> No (Please fill the detail in the application form) Funding Support: Having received external research funding from the Government or Industrial partner(s). <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: Please identify the sources: Organization: Funding:baht. Duration:to (.....years)	In past 5 years (2016 – 2020): Patent & Publication: <input type="checkbox"/> _____ (number) patent, <input type="checkbox"/> _____ (number) published research in journals listed in Scopus or Web of Science (Science Citation Index Expanded: SCIE) at least 3 Paper within 5 years). <input type="checkbox"/> _____ (number) published (in the international publication which related to the research topic not less than 5 papers would be highly considered) *Please attach the document with the application form* *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____	Name: _____ <input type="checkbox"/> Have outstanding education record in 4-year Undergraduate Program and 2-year Master Program from accredited institution in related fields CGPA of Bachelor's degree _____ CGPA of Master's degree _____ <input type="checkbox"/> Have research articles published in Scopus indexed publications <input type="checkbox"/> Receive awards from academic competitions <input type="checkbox"/> IELTS score _____, or <input type="checkbox"/> AIT EET score _____ <input type="checkbox"/> Have research proposal relevant to AIT-NSTDA expertise *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____

**Please complete the check list and submit with the application form.*

Qualification Checklist for Type 2: Royal Thai Government scholarship – PhD

AIT Faculty Member		NSTDA Researcher		Student (who will be nominated in the next round)
Information	Works and Experiences	Information	Works and experiences	
Name: _____ <input type="checkbox"/> Be a full-time lecturer <input type="checkbox"/> Previously receive external research funding especially from Industrial sector _____ _____	<input type="checkbox"/> Have experience in being main advisor of PhD Students In past 5 years (2015 – 2019): Have <input type="checkbox"/> _____ (number) patents <input type="checkbox"/> _____ (number) published research in Nature Index Journals <input type="checkbox"/> _____ (number) published research in IEEE Xplore Digital Library/ACM Digital Library (IEEE/ACM Transactions/ Journals) or International Journal <input type="checkbox"/> _____ (number) published research in International Journal with impact factor *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____	Name: _____ Status: Be employed by NSTDA as full-time researcher <input type="checkbox"/> Yes <input type="checkbox"/> No Experience: Experience in being head of research, development and engineering <input type="checkbox"/> Yes <input type="checkbox"/> No Having a proven experience in supervising completed graduate student(s) would be highly considered. <input type="checkbox"/> Yes <input type="checkbox"/> No (Please fill the detail in the application form) Funding Support: Having received external research funding from the Government or Industrial partner(s). <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: Please identify the sources: Organization: Funding:baht. Duration: ...to ... (...years)	In past 5 years (2016 – 2020): Patent & Publication: <input type="checkbox"/> _____(number) patent, <input type="checkbox"/> _____ (number) published (published research in journals listed in Scopus or Web of Science (Science Citation Index Expanded: SCIE) at least 3 Paper within 5 years). <input type="checkbox"/> _____ (number) published (in the international publication which <u>related to the research topic not less than 5 papers would be highly considered</u>) *Please attach the document with the application form* *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____	Name: _____ <input type="checkbox"/> Have very good education record in 4-year Undergraduate Program and 2-year Master Program from accredited institution in related fields CGPA of Bachelor's degree _____ CGPA of Master's degree _____ <input type="checkbox"/> Have research articles published in Scopus indexed publications <input type="checkbox"/> Receive awards from academic competitions <input type="checkbox"/> IELTS score _____, or <input type="checkbox"/> AIT EET score _____ <input type="checkbox"/> Have research proposal relevant to AIT-NSTDA expertise *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____

**Please complete the check list and submit with the application form.*

Qualification Checklist for Type 3: Royal Thai Government scholarship – Master Degree

AIT Faculty Member		NSTDA Researcher		Student (who will be nominated in the next round)
Information	Works and Experiences	Information	Works and experiences	
Name: _____ <input type="checkbox"/> Be a full-time lecturer Academic Rank: <input type="checkbox"/> Assistant Professor <input type="checkbox"/> Associate Professor <input type="checkbox"/> Professor <input type="checkbox"/> Hold a PhD <input type="checkbox"/> Previously receive external research funding especially from Industrial sector _____ _____	<input type="checkbox"/> Have experience in being main supervisor of Master's students whom already graduated In past 5 years (2015 – 2019): <input type="checkbox"/> Have academic research excluding from thesis. The academic research must be published and disseminated in according to criteria of appointing. *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____	Name: _____ Status: Be employed by NSTDA as full-time researcher <input type="checkbox"/> Yes <input type="checkbox"/> No Experience: Experience in being head of research, development and engineering <input type="checkbox"/> Yes <input type="checkbox"/> No Having a proven experience in supervising completed graduate student(s) would be highly considered. <input type="checkbox"/> Yes <input type="checkbox"/> No (Please fill the detail in the application form) Funding Support: Having received external research funding from the Government or Industrial partner(s). <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: Please identify the sources: Organization: Funding:baht. Duration: ...to ... (...years)	In past 5 years (2016 – 2020): Patent & Publication: <input type="checkbox"/> _____(number) patent, <input type="checkbox"/> _____ (number) published (published research in journals listed in Scopus or Web of Science (Science Citation Index Expanded: SCIE) at least 1 Paper within 5 years). <input type="checkbox"/> _____ (number) published (in the international publication which related to the research topic not less than 5 papers would be highly considered) *Please attach the document with the application form* *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____	Name: _____ CGPA of Bachelor's degree _____ <input type="checkbox"/> Have research articles published in Scopus indexed publications <input type="checkbox"/> Receive awards from academic competitions <input type="checkbox"/> IELTS score _____, or <input type="checkbox"/> AIT EET score _____ *I declare that I am qualified as program criteria said. The information contained in the application form, in the curriculum vitae and in the enclosed documents is true and I undertake to provide documentary evidence, if required. Signature: _____

**Please complete the check list and submit with the application form.*

Attachment 4 : Acknowledgement of the Data Protection

This section provides information about the use of personal information while you are applying for a Education **collaboration** in the Master and Doctoral Degree between Asian Institute of Technology (AIT) and National Science and Technology Development Agency (NSTDA) : Scholarship Program.

What is 'personal information'?

'Personal information' means any information which relates to or identifies you as an individual.

How does this Scholarship program relate to other information about data protection?

When you applied to scholarship program AIT and NSTDA would use your personal information to process your application and for relate purposes .

Who will process my personal information?

The information provided here applies to the use, sharing and disclosure of your personal information by AIT in relation to your application for this Scholarship Program.

What personal information will be processed?

AIT will keep a record of the details you provided on your application form for admission to the scholarship program, any supporting documents requested a part of the admission process, any additional details provided by referees and recorded following any interview process and any additional information provided by you as part of the application process.

Your personal information is created, stored and transmitted securely in a variety of paper and electronic formats, including a database. Access to your personal information is limited to AIT staff who have a legitimate interest in it for the purpose of carrying out their contractual duties. The use of your personal information will not be excessive.

What is the purpose and legal basis of the processing?

We will process the personal information provided on your application for a Scholarship program (which forms part of your application for admission and funding to AIT) and the other information referred to above for the purposes of identifying you, processing your application, verifying the information provided, deciding whether to offer you a scholarship, and communicating that outcome.

We may also use or disclose the information provided for the following statutory or public interest purposes such as :

- To prevent or detect fraud.
- To provide statutory returns required by applicable legislation.
- For research and statistical purposes, but no information which could identify you will be published.

We consider the processing of your personal information for the above purposes to be either necessary for us to take steps with a view to creating a contractual relationship with you (e.g. to assess your application for a Scholarship Program), or necessary for compliance with a legal obligation (e.g. equal opportunities monitoring), or necessary for the performance of tasks we carry out related to our work (e.g. reporting). We require you to provide us with the disclosable information we ask for during the application process in order to assess your application properly.

Who will my personal information be shared with?

As described above, your personal information (including photographs of you) is shared with relevant staff at AIT as required. In addition, it is shared as permitted or required by law, on a considered and confidential basis, including the funding provider (NSTDA).

Other than as set out above, we will not normally publish or disclose any personal information about you to other external enquirers or organizations unless you have requested it or consented to it, or unless it is in your vital interest to do so (e.g. in an emergency situation).

How is my personal information used if I am offered a scholarship?

We may publish details of all our successful scholars on AIT or NSTDA website. This information may consist of your name, nationality, degree, subject, College, matriculation year, your biographical details and a photo. You may opt out of this at any time by contacting us using the details below. We do not publish any details of applicants who were not successful in getting the scholarship.

How can I access my personal information?

You have the right to access the personal information that is held about you by AIT. You also have the right to be Informed, right to Rectification, right to Erasure, Right to Restriction of Processing, right to Data Portability, right to Object, right on Automated Individual Decision-Making, including Profiling.

How long is my information kept?

We store and process your information for the duration of being the students and alumni status. In addition, the applicants data who may not be considered for the scholarship will be also kept for reporting and related to this scholarship's purposes as anonymous information.

How do I complain?

AIT will take any request, comment or complaint about data protection seriously and will make every effort to find the best solution and comply with legislation and your wishes. In the first instance we ask that you contact us (details below) so we can aim to resolve the issue. But if you are not happy with the way your information is being handled, or with the response received from us, you have the right to lodge a complaint with Office of Thailand Affairs, Ms. Saranya Tangwongkit, email: saranya@ait.asia

Who can I contact?

If you have any questions about how your personal information is used, or wish to exercise any of your rights, please contact: Office of Thailand Affairs, Ms. Saranya Tangwongkit, email: saranya@ait.asia

Applicant (Student)

(_____)

Date: _____

Signature of AIT Faculty Member

Signature of NSTDA Researcher

(_____)

Date: _____

(_____)

Date: _____