


MEMORANDUM

FOR : All Heads of DOST Offices and Agencies
All DOST Regional Directors
All ASTHRDP, ERDT, STRAND Project Leaders

FROM :  **ENGR. ALBERT G. MARIÑO**
Deputy Director and
Officer-in-Charge, Office of the Director, SEI

SUBJECT : Call for Applications to the Doctor of Philosophy in
Materials Science and Engineering with specialization in
Nanotechnology (by Research)


DATE : 4 January 2022

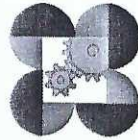
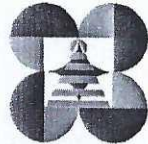
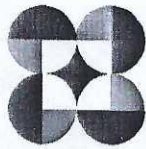
We are pleased to announce the availability of scholarships for the pursuance of Doctor of Philosophy in Materials Science and Engineering with specialization in Nanotechnology (by Research) at the Mapua University effective the Third Term of AY 2021-2022.

Attached is a copy of the announcement flyer and scholarship application form for dissemination to interested applicants. Accomplished application form and other supporting documents must be submitted to the Science Education Institute on or before **31 January 2022** for evaluation. Advance copy of application documents may be submitted through e-mail at sei.erdtships@gmail.com.

Encl.: a/s

RECEIVED:
DIRECTOR'S OFFICE
ITDI

 1/10/22



The **DEPARTMENT OF SCIENCE AND TECHNOLOGY**
in partnership with **MAPUA UNIVERSITY**
announces the call for applications to the

DOCTOR OF PHILOSOPHY (Ph.D.) in MATERIALS SCIENCE AND ENGINEERING (BY RESEARCH)
with Specialization in NANOTECHNOLOGY
Third Quarter Term, AY 2021-2022

The program offers a 3-year graduate research for a Ph.D. degree in Materials Science and Engineering with specialization in Nanotechnology to be undertaken in Mapua University (MU). Successful candidates will receive scholarships from DOST-Science Education Institute (SEI) and will be allowed to conduct their researches in DOST-Industrial Technology Development Institute (ITDI) Nanotechnology and ADMATEL Laboratories guided by its nanotechnology experts as their advisers.

Objectives:

1. To develop expertise in the field of nanotechnology and to increase pool of nanotechnology experts to help accelerate science, technology and innovation in the country; and
2. To provide the necessary technical knowledge and hands-on training to graduate students in the conduct of their research projects/activities in the field of nanotechnology aligned with the DOST Harmonized National Research and Development Agenda.

Priority Areas:

- a. Biomedical
- b. Human Security
- c. Nutraceuticals

Criteria of Eligibility:

An applicant must:

- be a Filipino citizen;
- not be more than 50 years old at the time of application;
- be in good health condition;
- pass the admission requirements for graduate studies of the Mapua University; and
- pass the interview and screening procedure.

Documents to be submitted

- Accomplished Information Sheet;
- Birth Certificate;
- Certified True Copy of Official Transcript of Records;
- Endorsement from two former professors in the Master's program;
- If employed, recommendation and permission to go on a leave of absence while on scholarship from employer or head of agency;
- Medical Certificate as to health status from a licensed physician with his/her PRC license number indicated;

- Valid NBI Clearance; and
- Letter of Admission from the Mapua University.

Scholarship Privileges

Scholarship Privileges	Rate of Financial Assistance (PhP)
Tuition and Other School Fees	Actual
Stipend	33,000/month
Book Allowance	20,000/AY
Transportation Allowance*	Actual
Accident and Health Insurance	1 Million (premium)
Dissertation Allowance	100,000
Student Research Support Fund	475,000

**One academic actual economy class round trip fare per AY; given only to those who will study outside of their home province.*

Terms of Scholarship Award

1. The scholarship shall be for full-time graduate studies to ensure on-time completion of degree.
2. The scholar must not be employed or practicing his/her profession while on scholarship; he/she must secure approval for official leave of absence, if employed.
3. The scholar shall execute a Scholarship Agreement.
4. The academic performance of the scholar shall be evaluated every school term based on established policies to determine his/her scholarship status.
5. A service obligation to be rendered in the Philippines shall be required of the scholar after he/she finishes the degree, i.e. one year service for every year of scholarship.
6. Refund of scholarship grant with interest shall be required of the scholar for non-completion of his/her graduate program or failure to comply with the service obligation.

Selection of Awardee

- Evaluation of accomplished application form and requirement.
- Final screening and selection of qualifiers by SEI, ITDI, MU.
- Approval of the list of awardees by the DOST Secretary.
- The list of awardees approved by the DOST Secretary is final and unappealable.
- Notice of Award will be issued to scholarship qualifiers.

DEPARTMENT OF SCIENCE AND TECHNOLOGY
SCIENCE EDUCATION INSTITUTE
Bicutan, Taguig City

APPLICATION FORM
for the

PHD IN MATERIALS SCIENCE AND ENGINEERING (BY RESEARCH)
WITH SPECIALIZATION IN NANOTECHNOLOGY
Graduate Science and Technology Scholarships
2021-2022
Academic Year

Attach here
1 latest passport
size picture

GENERAL INSTRUCTIONS:

- Please fill-up the form legibly.
- Do not leave any blank fields (State N/A if not applicable to you).
- Have a scanned copy of the complete set of documents in **ONE PDF** file only with the filename following the format: **Lastname_Firstname.pdf**. Ensure that the accomplished application form and other documents are **readable, properly scanned and that the file is not corrupted**.

I. PERSONAL INFORMATION

a.
Last Name ▲ First Name ▲ Middle Name ▲

b.
Complete Permanent Address ▲

c.
Zip Code ▲ Region ▲ District ▲ Passport No. ▲ E-mail Address ▲

d.
Current Mailing Address (If different from the permanent address) ▲

e.
Telephone Nos. (Landline/Mobile) ▲

f.
Civil Status ▲ Date of Birth ▲ Age ▲ Sex ▲

g.
Father's Name ▲ Mother's Name ▲

II. EDUCATIONAL BACKGROUND

LEVEL	PERIOD (Year Started – Year Ended)	FIELD	UNIVERSITY/ SCHOOL	SCHOLARSHIP (if applicable)	REMARKS
HS				<input type="checkbox"/> PSHS OTHERS: _____	
BS				<input type="checkbox"/> RA 7687 <input type="checkbox"/> NSDB/NSTA/MERIT <input type="checkbox"/> RA10612 OTHERS: _____	
MS				<input type="checkbox"/> NSDB/NSTA <input type="checkbox"/> ASTHRDP <input type="checkbox"/> CBPSME <input type="checkbox"/> ERDT <input type="checkbox"/> DOST COUNCIL/SEI OTHERS: _____	
PHD				<input type="checkbox"/> NSDB/NSTA <input type="checkbox"/> ASTHRDP <input type="checkbox"/> CBPSME <input type="checkbox"/> ERDT <input type="checkbox"/> DOST COUNCIL/SEI OTHERS: _____	

III. GRADUATE SCHOLARSHIP INTENTIONS DATA

New Applicant

a. University where you applied/intend to enroll for graduate studies

b. Course/Degree

Lateral Applicant

a. University enrolled in

b. Course/Degree

c. Number of units earned d. No. of remaining units/sems

e. Has your research topic been approved by the panel? ☐ YES ☐ NO

Title

Date of last enrolment in thesis/dissertation course

IV. CAREER/EMPLOYMENT INFORMATION

a. Present Employment Status () Permanent () Contractual () Probationary
() Self-employed () Unemployed

a.1 For those who are presently employed*

Position _____

Length of Service From: _____ Until: _____
(MM-DD-YYYY) (MM-DD-YYYY) or Present

Name of Company/Office _____

Address of Company/Office _____

Email _____ Website _____

Telephone No. _____ Fax No. _____

a.2 For those who are self-employed

Business Name _____

Address _____

Email/Website _____ Telephone No. _____ Fax No. _____

Type of Business _____ Years of Operation _____

**Once accepted in the scholarship program, the scholar must obtain permission to take a Leave of Absence (LOA) from his/her employer and become a full-time student. The scholar must submit a letter from his/her employer approving the LOA.*

b. CAREER PLANS (Write in the separate sheet attached to this form)

- b.1 Briefly discuss your research area/s of interest
- b.2 Future Plans (After Graduation)

V. RESEARCH AND DEVELOPMENT INVOLVEMENT (Last five years)

(Please use additional sheet if necessary)

FIELD AND TITLE OF RESEARCH	LOCATION/DURATION	FUND SOURCE	NATURE OF INVOLVEMENT

VI. PUBLICATIONS (Last five years)

(Please use additional sheet if necessary)

TITLE OF ARTICLE	NAME/YEAR OF PUBLICATION	NATURE OF INVOLVEMENT

VII. AWARDS RECEIVED

TITLE OF AWARD	AWARD GIVING BODY	YEAR OF AWARD

I hereby certify that all information given above are true and correct to the best of my knowledge. Moreover, I hereby authorize the Science Education Institute of the Department of Science and Technology (SEI-DOST) to collect, record, organize, update or modify, retrieve, consult, use, consolidate, block, erase or destruct my personal data that I have provided in relation to my application to this scholarship. I hereby affirm my right to be informed, object to processing, access and rectify, suspend or withdraw my personal data, and be indemnified in case of damages pursuant to the provisions of the Republic Act No. 10173 of the Philippines, Data Privacy Act of 2012 and its corresponding Implementing Rules and Regulations.

Printed Name and Signature of Applicant
Date: _____

CHECKLIST OF REQUIRED DOCUMENTS SUBMITTED (for staff use only)

- ☐ Birth Certificate (Photocopy)
- ☐ Certified True Copy of the Official Transcript of Records
- ☐ Endorsement from two former professors in the MS program
- If Employed**
 - ☐ Recommendation from Head of Agency
 - ☐ Permission to take a leave of absence (LOA) while on scholarship or proof of resignation or termination of contract
- ☐ Medical Certificate stating that applicant is of good health condition and fit to study from a licensed physician with his/her PRC license number indicated
- ☐ Valid NBI Clearance
- ☐ Letter of Admission **with Regular status** from the Program Head of the accepting institution; include the evaluation sheet.
- ☐ Approved Program of Study
- Additional Requirements for Lateral Applicants**
 - ☐ Certification from the university indicating the following:
 - number of graduate units required in the program
 - number of graduate units already earned with corresponding grades

PHD IN MATERIALS SCIENCE AND ENGINEERING (BY RESEARCH)
WITH SPECIALIZATION IN NANOTECHNOLOGY
Graduate Science and Technology Scholarships
2021-2022
Academic Year

Name of Applicant: _____
Date: _____

CAREER PLANS

b.1) Briefly discuss your research area/s of interest.

b.2) Future Plans (After Graduation)