



**NATIONAL GRADUATE SCHOOL OF ENGINEERING**  
**COLLEGE OF ENGINEERING**  
 University of the Philippines, Diliman  
 1101 Quezon City

Staple 2 pieces  
 Passport size  
 Picture here

## APPLICATION FORM FOR ENGINEERING RESEARCH FOR DEVELOPMENT AND TECHNOLOGY (ERDT) SCHOLARSHIP\*

- \*This form is for those already admitted to the *National Graduate School of Engineering program* and applying only for ERDT Scholarship in UP Diliman; i.e., lateral entry to the ERDT scholarship program

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Last Name

First Name

Middle / Maiden Name

### Instructions

- Accomplish properly this application form for ERDT scholarship (GPC 03).
- Request **three (3)** former professors or experts in the field as references to accomplish the recommendation form. Each accomplished recommendation form should be enclosed in an envelope, sealed and signed across the seal. Accomplished recommendation forms may be returned to the applicant to be submitted to the Engineering Research and Development for Technology (ERDT) Office  
 MH 203 Engineering Research and Development for Technology (ERDT) Office  
 College of Engineering, Melchor Hall  
 University of the Philippines, Diliman  
 Quezon City 1101
- Submit accomplished application form (GPC 03) to the ERDT Office together with the following requirements:
  - ☐ Three (3) accomplished recommendation forms
  - ☐ Transcript of Records:
    - a. For Lateral Entry to ERDT Scholarship in the Master's Program:
      - Copy of Undergraduate Degree Transcript (official copy bearing the school seal and registrar's signature)
      - True Copy of Grades for all the courses taken in the Master's Program (certified by the National Graduate School of Engineering Office)
    - b. For Lateral Entry to ERDT Scholarship in the Doctoral Program:
      - Copy of Undergraduate and Master's Degree Transcript (official copy bearing the school seal and registrar's signature)
      - True Copy of Grades for all the courses taken in the Doctoral Program (certified by the National Graduate School of Engineering Office)
  - ☐ One (1) recent picture, passport size
  - ☐ Three (3) narrative essays
  - ☐ Valid NBI clearance
  - ☐ Photocopy of NSO Birth Certificate
  - ☐ If employed, certification from the employer or head of agency that applicant is permitted to take a leave of absence while on Scholarship or an intent letter if you intend to resign once accepted in the scholarship program. Once accepted, you will be Required to submit a copy of your official approved study leave or a copy of your approved resignation or clearance from the Company.
- Wait for the decision on your application for ERDT scholarship which will be communicated to you by email and/or phone. Note that the duration of the scholarship period varies depending on the units already earned in the graduate program. Maximum scholarship period for Master's program is two (2) years and the maximum scholarship period for the Doctoral program is three (3) years.

### Qualifications for ERDT Scholarship

- Must be a Filipino Citizen not over 45 years of age at the time student is admitted to the graduate program
- Must be in good health condition
- Must not have a criminal or administrative case
- Must have a GWA of 1.75 for all courses taken in the Master's program (for lateral MS applicants) or must have a GWA of 1.75 for all courses taken in the Doctoral program (for lateral Doctoral applicants)

#### *The successful applicant:*

- Must be enrolled as a full-time graduate student
- Must enter into a scholarship contract and fulfill its terms
- Must be willing to render the required service obligation equivalent to the length of time that the scholar enjoyed the scholarship - one year of service for every year of scholarship or a fraction thereof
- Must have a full-time commitment to the scholarship and must not be engaged in any form of employment (paid work) during the scholarship.

*Note: Once accepted into the scholarship, the awardee must NOT shift to another graduate program of study.*

**For ERDT Office Use Only**

(To the applicant: Do not fill this portion)

Date of Submission \_\_\_\_\_  
Received by \_\_\_\_\_

O.R. Number \_\_\_\_\_

	SCHOOL	AVERAGE
BS		
MS		

**For Department/Institute Admission and Screening Committee Use Only**

(To the applicant: Do not fill this portion)

The undersigned recommends that the applicant be

☐ awarded of ERDT SCHOLARSHIP for \_\_\_\_\_ years

☐ awarded of ERDT SCHOLARSHIP for \_\_\_\_\_ years with following condition(s):

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☐ refused of ERDT SCHOLARSHIP

\_\_\_\_\_  
Printed Name & Signature of Dept. Chairman,  
Institute Director or Program Coordinator

\_\_\_\_\_  
Date

## I. PROGRAM OF STUDY

1.a. Degree program **ENROLLED** in (e.g., Civil Engineering): \_\_\_\_\_

- ☐ Master of Science  
☐ Doctor of Philosophy (for selected programs only, CE, CS, MSE, ChE, EE, EnE, EgyE)  
☐ Master of Engineering (for EE program only)  
☐ Straight Ph.D. (for EEE program only)

1.b. Subfield: **Answer only for the degree program you have chosen above.**

**Civil Engineering (CE):**

- ☐ Geotechnical   ☐ Structural   ☐ Transportation   ☐ Water Resources

**Chemical Engineering (ChE):**

- ☐ Biological Engineering   ☐ Environmental   ☐ Fuels Energy and Thermal Systems  
☐ Materials and Catalyst   ☐ Process Systems Engineering

**Computer Science (CS):**

- ☐ Algorithms and Complexity   ☐ Computer Security  
☐ Computer Vision and Machine Intelligence   ☐ Network and Distributed Systems  
☐ Scientific Computing   ☐ Software Engineering and Service Sciences  
☐ Web Science

**Electrical Engineering (EE):**

- ☐ Computers and Communications   ☐ Instrumentation and Control   ☐ Microelectronics   ☐ Power Systems

**Energy Engineering (EgyE):**

- ☐ Renewable Energy   ☐ Energy Storage   ☐ Biofuels   ☐ Resource Assessment   ☐ Energy Planning  
☐ Energy Modeling   ☐ Waste to Energy   Others: \_\_\_\_\_

**Environmental Engineering (EnE):**

- ☐ Air Quality Management   ☐ Environmental Management   ☐ Geoenvironmental Engineering  
☐ Solid and Hazardous Waste Management   ☐ Water Quality Management

**Geomatics Engineering (GE):**

- ☐ Applied Geodesy   ☐ Geoinformatics   ☐ Remote Sensing and Photogrammetry

**Industrial Engineering:**

- ☐ Production Systems   ☐ Human Factors and Ergonomics   ☐ Operations Research   ☐ Information Systems

**Material Science and Engineering (MSE; Joint program with College of Science):**

- ☐ Metals and Alloys   ☐ Ceramic Materials   ☐ Polymeric Materials   ☐ Composite Materials  
☐ Semiconductor Materials   ☐ Biomaterials   ☐ Nanomaterials  
☐ Materials for Energy   ☐ Green or Environmental Materials   ☐ High-value adding of Local Materials  
☐ Material Forensics (i.e. Corrosion Engineering or Failure Analysis)

**Mechanical Engineering (ME):**

- ☐ Automation, Control and Robotics   ☐ Biomechanics   ☐ Computational Mechanics  
☐ Fluids Engineering   ☐ Heating, Ventilation, Air Conditioning and Refrigeration   ☐ Machine Design  
☐ Power   ☐ Vehicle Engineering

**Metallurgical Engineering (MetE):**

- ☐ Minerals Processing   ☐ Metal Extraction   ☐ Physical Metallurgy   ☐ Ultrafine Processing

1.c. When did you start your graduate study?: ☐ 1<sup>st</sup> semester   ☐ 2<sup>nd</sup> semester   AY \_\_\_\_\_ - \_\_\_\_\_

1.d. How many units have you already taken? \_\_\_\_\_

1.e. How many units remaining in your program of study? \_\_\_\_\_

1.f. Are you applying for another scholarship/grant? ☐ Yes   ☐ No

If yes, what is the name of the scholarship program in which you are applying for?

\_\_\_\_\_

1.g. Indicate the name of the potential adviser (*list provided in the brochure or UP Engg website*)

\_\_\_\_\_

## II. PERSONAL DETAILS

<input type="text"/>			<input type="checkbox"/> Male <input type="checkbox"/> Female	
Last Name	First Name	Middle / Maiden Name	Sex	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Date of Birth (mm/dd/yyyy)		Place of Birth	Citizenship	
<input type="text"/>		<input type="text"/>		
Street,		Village,	Town	
<input type="text"/>				
Province,		Zip code,	Region,	Country
<input type="text"/>				
Street,		Village,	Town	
<input type="text"/>				
Province,		Zip code,	Region,	Country
<input type="text"/>		<input type="text"/>		
Contact Number	Email			
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Civil Status	Date of Birth	Age	Male	Female

Information on nearest relative (Father / Mother / Spouse if married / Guardian)

Name	<input type="text"/>	Relationship	<input type="text"/>
Address	<input type="text"/>	Tel. No.	<input type="text"/>

### CAREER/EMPLOYMENT INFORMATION

Present Employment Status: ( ) Permanent ( ) Contractual ( ) Probationary  
( ) Self-employed ( ) Unemployed ( ) Student

For applicants who are currently employed

Position	<input type="text"/>	Length of Service	<input type="text"/>
Name of Company/Office	<input type="text"/>		
Address of Company/Office	<input type="text"/>		
E-mail	<input type="text"/>	Website	<input type="text"/>
Telephone No.	<input type="text"/>	Fax No.	<input type="text"/>

For those who are self-employed

Business Name	<input type="text"/>		
Address	<input type="text"/>		
Email/Website	<input type="text"/>	Tel. No.	<input type="text"/>
Type of Business	<input type="text"/>	Years of Operation	<input type="text"/>

### III. PROFESSIONAL EXPERIENCE (exclude the work experience above)

Dates of Employment		(F)Full/ (P)Part-time	Employer	Job Title
From	To			
		<input type="checkbox"/> F <input type="checkbox"/> P		
		<input type="checkbox"/> F <input type="checkbox"/> P		
		<input type="checkbox"/> F <input type="checkbox"/> P		
		<input type="checkbox"/> F <input type="checkbox"/> P		
		<input type="checkbox"/> F <input type="checkbox"/> P		

### IV. ACADEMIC QUALIFICATIONS

#### Tertiary Education

Institution	Location	Degree Received	Years Enrolled	
			From	To

#### Graduate Studies (Master's degree) (Do not fill-up if applicant is applying for scholarship in the Master's Degree Program)

Institution	Location	Degree Received	Years Enrolled	
			From	To

#### Scholastic Honors or Awards Received

Title of Award	Institution	Date

#### Details of Other Qualifications Held

(e.g., Membership in professional bodies, eligibilities/certificates)


### Journal Publications in the last five years

Use additional sheets if necessary


### Conference Presentations in the last five years

Use additional sheets if necessary


## V. RESEARCH and CAREER PLANS

Write on a separate paper (minimum of 300 words and maximum of 1000 words) the following:

Essay 1: A description of your current work or project  
or undergraduate research that you have done (for those who have just graduated from BS degree)  
or graduate research that you have done (for those applying for doctoral degree)

Essay 2: Future plans after your graduation from the graduate program

Essay 3: Research that you want to do in the graduate program. This research proposal should include problem statement, significance of the research, brief literature review, outlined methodology, and GANNT chart (Note that 1 year is usually devoted to course work; make a research timeline for 1 year for Master's and 2 years for doctoral).

## VI. REFERENCES

List your former instructors/professors or experts in your fields as references.

Name	Address	Telephone

## VII. APPLICANT'S DECLARATION

I declare that the information supplied in this application and the documentation supporting it are true and complete. I acknowledge that the provision of incorrect information or documentation relating to my application may result in cancellation of admission or enrolment. If admitted to the ERDT Scholarship, I agree to abide by the rules and regulations of the University of the Philippines, the College and the ERDT Scholarship Program.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\* How did you know about ERDT scholarship?

- University/campus roadshow

- Friend

- ERDT scholar

- Others (please specify): \_\_\_\_\_


***Please submit this form with together with the requirements to ERDT Office:  
MH 203 ERDT Office, Melchor Hall, College of Engineering  
University of the Philippines, Diliman, Quezon City 1101***

For any inquiries, please contact the following offices:

ERDT Office: +632-981-8500 local 3160

(Telefax): +632-434-0304



**NATIONAL GRADUATE SCHOOL OF ENGINEERING**  
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1101 Quezon City



**LETTER OF RECOMMENDATION  
FOR ERDT SCHOLARSHIP**

**To be completed by applicant** (Please type or Print)

Name: \_\_\_\_\_

Current Address: \_\_\_\_\_

Degree program currently enrolled in: \_\_\_\_\_

Start of graduate study: ☐ 1<sup>st</sup> semester ☐ 2<sup>nd</sup> semester AY \_\_\_\_\_ - \_\_\_\_\_

Note to applicant: Ask your recommender to enclose this form in an envelope, seal the envelope, and sign across the seal. Submit the envelope with its seal unbroken with the rest of your application materials to the ERDT Office, MH 203, College of Engineering, U.P. Diliman.

**To be completed by recommender**

Any pertinent information regarding the applicant and your evaluation of the applicant's ability to undertake graduate studies and research will be held in strict confidence.

How long have you known the applicant? \_\_\_\_\_

In what capacity have you known the applicant? \_\_\_\_\_

If the applicant was a student in some of your classes, what were these subjects? \_\_\_\_\_

\_\_\_\_\_

What do you consider as the applicant's outstanding talents or strengths in relation to graduate research? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What do you consider as his/her weakness or deficiencies in relation to graduate research? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



FORM GPC 03: Application for ENGINEERING RESEARCH AND DEVELOPMENT FOR TECHNOLOGY (ERDT) Scholarship

Please rate the applicant on the following characteristics in comparison with other students in the same disciplines who are known to you and who have had more or less the same amount of training and experience. (Indicate size of group with which applicant is being compared \_\_\_\_\_ and its educational level \_\_\_\_\_).

	Excellent	Above Average	Average	Below Average	Inadequate basis for judgment
1. Intellectual ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Academic preparation for proposed field of study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Motivation for proposed field of study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Originally, creativity & imagination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Analytical & problem-solving ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Initiative and independence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Honesty & integrity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Conscientiousness & ability to work independently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Ability to work with others	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Oral communication skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Written communication skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Emotional maturity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Potential as a researcher in the discipline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Potential as a teacher in the discipline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional information and comments about the applicants (please use a separate sheet of paper, if necessary).

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I therefore ☐ strongly recommend ☐ recommend ☐ recommend with reservations ☐ do not recommend the applicant for the ERDT scholarship.

Recommender's Printed Name: \_\_\_\_\_

Recommender's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Position: \_\_\_\_\_ Highest Educational Attainment: \_\_\_\_\_

Name and Address of Organization: \_\_\_\_\_

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*Note to recommender: Please enclose this form in an envelope, seal the envelope, sign across the seal, and return sealed envelope to applicant.*