

# MAGSAYSAY FUTURE ENGINEERS/TECHNOLOGISTS AWARD

The Magsaysay Future Engineers/Technologists Award aims to encourage young Filipino students to pursue a career in science, engineering, and technology and to recognize outstanding research outputs on engineering and technology at the collegiate level.

## **Candidate Qualification:**

- Filipino citizen
- Bachelor of Science (BS) student or recent graduate with research/study/thesis on engineering sciences and technology
- Must not have graduated with BS degree before October 1 prior to the year of the award
- Of good moral character
- Able to present the research/study/thesis output during the paper presentation, which will be scheduled.

The competition is open to BS students enrolled, or graduated within the recent twelve months, in an engineering or related technology-oriented program (refer to Annex A for the non-exclusive listing of possible programs). Candidates from other STEM programs may also be considered, provided that their research work is technology-oriented. Areas of study should fall within the priority areas of the Department of Science and Technology.

Nominations to this award shall be made/endorsed by the school administrators, or heads of professional, academic, or honor societies, with the following requirements:

- a) duly accomplished nomination form
- b) comprehensive biodata
- c) copy of publication/pre-print based on his/her research/thesis/study
- d) Transcript of Records
- e) certification from co-author/s allowing the nominee to present the paper
- f) certification from co-authors on the extent of the role of the nominee in the research/thesis/study, or from the nominator/endorser in case of sole authorship
- g) relative standing of the nominee in his/her batch

The Criteria for judging are as follows:

- (1) Person (20%)
- (2) Output (80%)
  - Methodology (20%)
  - Quality of innovativeness/originality/creativity (15%)
  - Quality of write-up of the submitted research/thesis/study document/s (15%)
  - Contribution to science/technology knowledge and/or impact on Philippine business and industry (30%)

The First, Second and Third Prize winners will receive a cash prize of Php 100,000.00, Php 50,000.00 and Php 30,000.00, respectively and plaque of recognition from NAST. The special citations will receive a cash prize of Php 10,000.00 each and a plaque of recognition.

ANNEX A

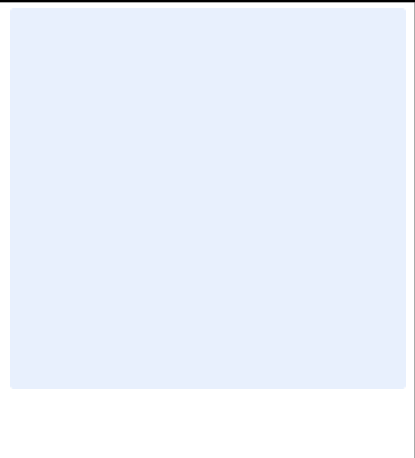
| <b>BS STEM PROGRAMS IN PHILIPPINE HEIs</b> |  |   |                     |
|--|--|---|---------------------|
| SCIENCE                                    | TECHNOLOGY   | ENGINEERING                                   | MATHEMATICS         |
| General Science                            | Engineering Technology                             | Basic Engineering                             | General Mathematics |
| Natural Science                            | Technology / Engineering                           | Aerospace Engineering                         | Applied Mathematics |
| Other Natural Science                      | Other Engineering and Technology                   | Aeronautical Engineering                      |                     |
| Applied science                            | Aircraft Maintenance Technology                    | Aviation Electronics / Electrical Engineering |                     |
| Physics                                    | Avionics Engineering / Technology / Civil Aviation | Air Transportation                            |                     |
| Applied Physics                            | Aircraft/Avionics Technology                       | Agricultural Engineering                      |                     |
| Physics-Mathematics                        | Automotive Technology                              | Ceramics Engineering                          |                     |
| Chemistry                                  | Building Technology                                | Chemical Engineering                          |                     |
| Biochemistry                               | Construction Technology                            | Materials Science and Engineering             |                     |
| Biology                                    | Biotechnology                                      | Food Engineering                              |                     |
| Botany                                     | Chemical Technology                                | Civil Engineering                             |                     |
| Zoology                                    | Chemical Engineering Technology                    | Structural Engineering                        |                     |
| Entomology                                 | Electrical Technology                              | Sanitary Engineering                          |                     |
| Microbiology                               | Electronics Engineering/Technology                 | Environmental and Sanitary Engineering        |                     |
| Molecular Biology and Biotechnology        | Instrumentation and Control Technology             | Water Resources Engineering                   |                     |
| Genetics                                   | Radio Communication Technology                     | Computer Engineering                          |                     |
| Marine Biology                             | Industrial Technology                              | Electrical Engineering                        |                     |
| Marine Biodiversity                        | Mechanical Technology                              | Electronics and Communications Engineering    |                     |
| Marine Science                             | Information Technology                             | Geodetic Engineering                          |                     |
| Human Biology                              | Software Engineering/Technology                    | Remote Sensing                                |                     |
| Biological Science                         |  | Energy Engineering                            |                     |
| Physiology                                 |  | Geothermal Engineering                        |                     |
| Pharmacology                               |  | Industrial Design                             |                     |
| Geology                                    |  | Industrial Engineering                        |                     |
| Astronomy                                  |  | Industrial and Management Engineering         |                     |
| Oceanography                               |  | Management Engineering                        |                     |
| Meteorology                                |  | Mechanical Engineering                        |                     |
|  |  | Manufacturing/Production Engineering          |                     |
|  |  | Metallurgical Engineering                     |                     |
|  |  | Mining Engineering                            |                     |
|  |  | Petroleum Engineering                         |                     |

*Note: These data are from CHED Office of Planning, Research and Knowledge Management (OPRKM).*

**Nomination Form**

(Please follow this format)

# MAGSAYSAY FUTURE ENGINEERS/ TECHNOLOGISTS AWARD



1. Name of nominee

First Name:

Middle Name:

Surname:

2. Date and place of birth:

3. Age:

4. Sex:

5. Civil Status:

6. Nationality:

7. Mailing address and telephone number:

8. E-mail address:

9. Organization/ Institute represented:

10. Educational background (Indicate school/university address, degree, and year obtained, inclusive dates of attendance, honors/awards received).

| Degree<br>(In case of BS-MS, indicate Periods of Attendance for BS and MS in separate rows.) | Institution/University | Period of Attendance |    | Honors/Award | Year and Month Awarded with Degree |
|--|------------------------|----------------------|----|--------------|------------------------------------|
|  |                        | From                 | To |              |                                    |
|  |                        |                      |    |              |                                    |
|  |                        |                      |    |              |                                    |

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11. Nominee's aspirations to be a future leader in engineering/technology:

12. Important Awards received (Indicate title/award, sponsor, and year obtained.)

13. Title of Research/study/thesis entry (Please attach 10 copies of abstract and full paper.)

14. Assessment by the nominator of importance of scientific and technological contribution of the nominee's research/study/thesis entry to society/national development/knowledge (State explicitly the new contributions and assess their importance)

15. Assessment by the nominator on the extent of the role of the nominee in the research/thesis/study (State explicitly the individual contributions and roles in case of joint authorship.)

16. Reference (Include addresses.)

This is to certify that \_\_\_\_\_  
Name of Organization/Institution  
nominates \_\_\_\_\_  
Name of Nominee for the **Magsaysay Future Engineers/Technologists Award.**

This is also to certify that the nominee is known to me to be of good moral character.

Name and Signature of Nominator

Institution

Position/Designation

Address

Telephone/Fax Nos./Email Address

Date prepared

## CERTIFICATION

*(All co-authors should sign in this form)*

This is to certify that I agreed and allowed \_\_\_\_\_  
Name of the Nominee  
to present our joint paper entitled, \_\_\_\_\_  
Title of the Paper  
as his/her entry for the **Magsaysay Future Engineers/Technologists Award.**

This is to certify further that \_\_\_\_\_ performed  
Name of the Nominee  
in our research/study/thesis the following role:

\_\_\_\_\_  
Role of the Nominee

| Name of Co-Author | Signature |
|-------------------|-----------|
|                   |           |
|                   |           |
|                   |           |
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## AGREEMENT OF NOMINEE

*(All nominees should accomplish this form)*

I hereby agree: (1) to abide by the rules and regulations of the competition; (2) to give additional information as may be requested; (3) to be available should the Screening Committee/Board of Judges require my presence; and (4) to receive the award in person, if selected.

\_\_\_\_\_  
Name and Signature of Nominee