



GhIE

GHANA INSTITUTION OF ENGINEERING

GUIDELINES FOR NOMINATIONS

2023 ENGINEERING EXCELLENCE AWARDS



Many Engineering and Non-Engineering professionals working in both the public and private sectors of Ghana continue to play important roles in shaping our environment and promoting sustainable development. These professionals need to be appreciated for their efforts and contributions in maintaining the integrity of good engineering practice amidst competing development interests and challenging situations.

The Engineering Excellence Awards (EEA) of the Ghana Institution of Engineering (GhIE) has been established to reflect on and recognize the valuable contributions that individuals and organizations make, to inspire their continued involvement and those of others, and to promote the key role of the engineering profession in public life. It also recognizes valuable contributions and extraordinary performance in all aspects of the engineering profession. The EEA provides strong awareness of the profession among related professions and the general public.

The EEA is a prestigious event with an increasingly

significant interest among members and the general public.

From its inception in 2014, many engineers and others related to the profession have been recognized and duly honoured. During the previous edition, which was held on 24th November 2022 at the Engineering Centre, Accra, remarkable engineers, corporate partners, and engineering firms were among those who received specially designed awards and citations of recognition to mark their achievements. The ceremony profiled and shared the work of award recipients to encourage others to also aspire and perform better in relation to engineering practice. The Award Event was appreciably supported by kind sponsorship from the **VOLTA RIVER AUTHORITY, FABRIMETAL GHANA LTD, BUI POWER AUTHORITY AND GOIL.**

The EEA Ghana is a National Award honouring the outstanding contribution of individuals or organizations promoting engineering excellence and innovations, and engineering students showing great potential for research. The 6th EEA event will be presented in March 2024 in Accra, Ghana. The 2023 Event expands the scope by seeking to encourage Engineering Research, Engineering Evangelism, and the study of Engineering Subjects by young people. This initiative is brought to life by the introduction of new categories as well as the expansion of existing ones. The General public is encouraged to participate in this prestigious and increasingly competitive award. The subsequent pages provide information on the call for nomination for the 2023 Awards.

A person, project or organization will be awarded the EEA, Ghana for significant contribution to creating sustainable solutions in the field of engineering for public benefit.

The EEA event will be bestowed by high-profile dignitaries including the President of GHIE.

The Ghana Institution of Engineering (GHIE) is calling for nomination for the 2023 Engineering Excellence Awards (EEA). The submission for Awards follows a strict process as outlined below:

- Self-nominations are accepted.
- All nominations for the 2023 EEA, Ghana, will be examined by a Panel of Assessors. Its members include distinguished personalities revolving around the Awards Categories.
- Nominations are opened from 15th November 2023. All nominations must be received not later than 31st December 2023.
- The nomination form and all accompanying materials must be submitted in English. Information about the nominee should be provided as accurately as possible on the nomination form.

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- Submission must comprise a complete nomination form (downloadable from www.ghie.org.gh) and:
 - A description of the nature of the nominee's activities that contribute to solving problems for engineering excellence
 - Completed nomination documents should be emailed (ghieawards@ghie.org.gh) or sent to the Secretariat of GHIE.

POSTAL/ PHYSICAL ADDRESS:

The Executive Director
Engineers Centre, 13 Continental Road,
Roman Ridge, Accra
P.O. Box AN 7042
Accra-North Ghana

For more information please visit
www.ghie.org.gh or

Below is information of Award Categories

CATEGORIES FOR NOMINATIONS (OCTOBER 2022 – OCTOBER 2023)

1 FOR AN ENGINEER/GROUP/ORGANIZATION THAT HAS

1.1 RESEARCH & ACADEMIC-INDUSTRIAL AWARD (2 Awards)

For an engineer/group/organization that has made an outstanding contribution to the public benefit through innovative research for solving a problem. The general criteria, among others, are as follows:

Being a registered member of GhIE in good standing
Contribution to the National Economy
Research Output – quality, originality, and innovativeness
Research Input – partnership and collaborations

1.2 MOST PUBLISHED AUTHOR IN ENGINEERING AWARDS (1 Award)

For an engineer who has made outstanding contributions to public benefit through publications in magazines, newsletters, media, the internet, etc. Criteria include:

Research Output – quality, originality, and innovativeness
Research Input – partnership and collaborations
Impact of research on society, industry, considering environmental, social, and economic impact
Creating Public Awareness
Contribution to the National Economy
Impact of Publication on Society, Industry, Science, etc
Demonstrate a sizeable number and quality of peer-reviewed publications in recognized journals at the time of submission.

1.3 ENGINEERING CONCEPTS AND INNOVATIONS AWARD (2 Awards)

For an engineer/group/organization that has demonstrated engineering excellence in innovative project design and implementation considering economic impact, environmental impact, social impact, and sustainability. The general criteria, among others, are as follows:

Being a registered member of GhIE in good standing
Potential Contribution to the National Economy
Relevance and Impact of Engineering Output

1.4	ENGINEERING BUSINESS MANAGEMENT (1 Award) For an engineer/group/organization that has demonstrated excellence in planning, leadership, organization, and a commitment to health and safety. Criteria include: <i>Contribution to the National Economy</i> <i>Relevance and Impact of Engineering Output.</i>
1.5	IMPLEMENTATION OF ENGINEERING SOLUTIONS (2 Awards) For an engineer/group/organization that has demonstrated engineering excellence in achieving the original intent, local content participation, efficient use of resources, impact on society and environment, engineering innovation, outstanding quality, and commitment to health and safety issues. <i>The individual/engineering organization/company/industry/corporation must be a registered member of GhIE and in good standing.</i> <i>Contribution to the National Economy</i> <i>Relevance or impact of engineering output on society, industry, etc.</i>
1.6	DISTINGUISHED WOMAN IN ENGINEERING EXCELLENCE (1 Award) For a female engineer who has shown exemplary achievement in her professional engineering practice. Criteria include: <i>Being a registered member of GhIE in good standing</i> <i>Exhibit leadership in her discipline or area of expertise</i> <i>Serve as a role model and mentor to other female engineers.</i> <i>Evidence of her contribution to the National Economy</i> <i>Relevance or impact of engineering output on society, industry, etc.</i>
1.7	ENGINEERING CRAFTSMANSHIP (1 Award) For artisans/craftsmen, individuals/groups in the Public and Private Sectors who have contributed to public benefit through innovative and creative ideas. Criteria include: <i>Being a registered member of GhIE and the Artisans Association of Ghana</i> <i>Uniqueness of Ideas (Demonstrate success of technical skills)</i> <i>Promoting and supporting diversity in engineering (combining traditional knowledge and modern practices)</i>

	<p><i>Impact on science and society</i> <i>Other criteria agreed with the Association of Artisans, Ghana.</i></p>
2.0	STUDENTS AND YOUNG INNOVATORS CATEGORIES (5 Awards)
2.1	<p>INNOVATION: APPLIED SCIENCE & MATHEMATICS -JHS and SHS (4 Awards)</p> <p>For students, individuals/groups in the Public and Private Second Cycle and Basic levels of Education in Ghana, for an innovative and relevant project. Criteria include:</p> <p><i>Uniqueness of Ideas</i> <i>Potential Impact on Science and Society</i> <i>Other criteria agreed upon with the Ghana Association of Science Teachers (GAST) for secondary and Basic levels.</i></p>
2.2	<p>OUTSTANDING ENGINEERING KNOWLEDGE & EXEMPLARY ACHIEVEMENT (1 Award)</p> <p>For a young engineer (not more than 35 years old by October 31, 2023), for their exemplary achievements and demonstrated potential in the engineering profession. Criteria include:</p> <p><i>Being a Registered Member in good standing of GhIE</i> <i>Uniqueness of Idea</i> <i>Demonstration of Applied Engineering Principles</i> <i>Relevance and Impact of Engineering Output</i> <i>Possible Impact of Research on Society, Science, etc.</i></p>
3	PUBLIC AWARDS CATEGORY (5 Awards)
3.1	<p>PUBLIC AWARD (4 Awards)</p> <p>For individuals/groups who have contributed substantially to promoting engineering practice and increasing public understanding of engineering. Criteria include:</p> <p><i>Increased the public's understanding of science and engineering processes through scientific discovery, innovation, and communication to the public.</i> <i>Encouraged others to help raise public understanding of technology.</i></p>

*Contributed to the development of broad engineering policy and its support.
Influenced and encouraged or mentored the next generation of engineers.
Supported the development and practice of engineering in Ghana.
Contribution to societal needs*

3.2

ENGINEERING EVANGELISM AWARD

(1 Award)

For individual/group media practitioners who have substantially contributed to promoting engineering practice and increasing public awareness and understanding of engineering. Criteria include.

*Any news or story on engineering and environmental issues that properly educates and informs the public and presents a balanced perspective of the issues.
Entry must be certified or endorsed by the relevant professional association (GJA, GIBA, etc.)*

NOMINATION FORM



2023 ENGINEERING EXCELLENCE AWARDS NOMINATION FORM

TYPE OF NOMINEE

Please Indicate one of the following

- Individual(s), proceed to section ii
- Institution or organization, proceed to section iii
- Project(s), proceed to section iv

ii. Nominee (Individual)

Name of Nominee

Title and Profession

Place of Employment/ School

Address

Contact No. / Telephone

Email

iii. Nominee (Institution/ Organization/ Company)

Name of Institution/Organization/ Company

Contact Person

Address

Telephone

Email

Website

iv. Nominee (Projects)

Name (Project Title)

Location

Client (with contact details)

Consulting Team (with contact details)

v. Other Requirements

- Write up Summary Referees Supporting Documents Other

NOTE

This form and the accompanying documents must reach the following address **NOT LATER THAN 31st December 2023**.
ghieawards@ghie.org.gh OR The Executive Director, Ghana Institution of Engineering, Engineering Centre, 13 Continental Road, Roman Ridge, Accra.