Overview

of

FAEO 2021
Women in Engineering
VIRTUAL ART COMPETITION
SUMMARY

The Women in Engineering Committee (WIE) is a Standing Technical Committee of the Federation of African Engineering Organizations (FAEO). The secretariat is hosted by the Nigerian Society of Engineers (NSE), Abuja, Nigeria.

The Committee, in celebration of the 2021 International Women in Engineering Day (INWED 2021), organized a Virtual Art Competition for 5–7-year-old girls across Africa to inspire (Catch Them Young) our future Engineering SHEROES.

The Competition is part of FAEO-WIE mission to wake up the African talent in Engineering, Design and Technology by seeking out very young artists who could be African engineers in future. Entries were received from 4th-25th June, 2021.

The Children were required to produce a drawing of a ‘FEMALE ENGINEER AT WORK’. Submissions were judged based on creativity/originality of work, description of a female engineer, interpretation and clarity of the theme to the viewer, colour/tone and relevance to the theme. They were also required to produce a short video, explaining the drawing and to name their favorite female engineer or SHERO.

Ten (10) participants from four African countries were shortlisted from the various entries received. Eventually, there were 8 girls in the final event which held virtually on 27th July, 2021 with 78 attendees from all over Africa, including the top management of the main sponsors- Messrs OLAM COCOA COMPANY, GHANA. The judges included two 10-year-old female budding artists (who wanted to participate but could not due to age restrictions All 8 finalists were given prizes in their different countries.

BENEFITS OF THE COMPETITION

Harnesses the talent of Africa through our female children and connects the countries in a common goal.

Expresses the diversity of Africa and encourages expression and creation of technology through art

Essentially a STEAM program, the competition inspires African girls to be innovative, think critically and use engineering or technology in imaginative designs or creative approaches to real-world problems, while building on students' mathematics and science base

ASSESSMENT

The videos were played during the virtual programme and for the judges’ assessment. A panel of 4 judges namely Naa Dedei Quaye - Ballard from Ghana, Taraoluwa Adebowale from Nigeria (both 10 years old), Engr. Angelina Ssebankitta from Uganda and Engr. Samira Achour from Morocco (both members of the WiE Committee) carefully assessed the submissions.

Assessment was based on the following criteria:

- Relevance to the theme: development of theme through creativity/and depiction of an engineer at work 20
- Creativity, originality and uniqueness of the depicted theme 10
- Interpretation and the clarity of the theme to the viewer 10
- Quality of artistic composition and overall design based on the theme 15
- Colour and Tone 15
- Overall Impression of the art 10
- Description of female engineer 15

**TOTAL** 100

Grading of the contestants is as shown below:

<table>
<thead>
<tr>
<th>S/N</th>
<th>NAME</th>
<th>AGE</th>
<th>COUNTRY</th>
<th>TOTAL SCORE</th>
<th>POSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Iyanda Omotayo Iwilade</td>
<td>7</td>
<td>Nigeria</td>
<td>88.6</td>
<td>1&lt;sup&gt;st&lt;/sup&gt;</td>
</tr>
<tr>
<td>2</td>
<td>Adesewa Adefemi</td>
<td>7</td>
<td>Nigeria</td>
<td>84.7</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt;</td>
</tr>
<tr>
<td>3</td>
<td>Mansa Praba Kittah</td>
<td>6</td>
<td>Ghana</td>
<td>77.3</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt;</td>
</tr>
<tr>
<td>4</td>
<td>Rina Anne Opoku</td>
<td>7</td>
<td>Ghana</td>
<td>72.7</td>
<td>4&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>5</td>
<td>Joanna Chaze</td>
<td>5</td>
<td>Namibia</td>
<td>71.3</td>
<td>5&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>6</td>
<td>Joan Zara Nweke</td>
<td>5</td>
<td>Nigeria</td>
<td>70.3</td>
<td>6&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>7</td>
<td>Ozioma Dimson</td>
<td>7</td>
<td>Nigeria</td>
<td>68.3</td>
<td>7&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>8</td>
<td>Chibomba Chisala</td>
<td>7</td>
<td>Zambia</td>
<td>68.0</td>
<td>8&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

**THE AWARDEES**

Eight students made it to the final stage of the competition. The first position went to Miss **Iyanda Omotayo Iwilade**, student of Treasure House School, Lagos-Nigeria. First runner-up was Miss **Adesewa Adefemi**, also of Treasure House School, Lagos-Nigeria and the second runner-up was Miss **Mandie Adewoa Mansa Praba Kittah**, a student of GIU Christian Academy, Ghana.
The winners, remaining participants and the young judges were awarded with brand new tablet devices from our distinguished sponsors, **Olam Cocoa, Ghana** and the children had an opportunity of an interactive session with the first female President of FAEO, Ing. (Mrs). Carlien Bou-Chedid. The President was delighted with the outcomes and encouraged the children to consider engineering as a career. The young judges were also given gifts of tablets.

**SPONSORS/APPRECIATION**

The event would not have been possible without the support of our distinguished sponsors and WIE therefore expresses our sincere indebtedness to the management of **OLAM COCOA COMPANY, GHANA** for their immense contribution towards the success of the maiden virtual Art Competition.

We also wish to thank the President, FAEO, Ing. (Mrs.). Carlien Bou-Chedid for her continuous support to the committee to ensure our activities are successful.

The judges, attendees and all those who worked tirelessly at the backend of FAEO and WiE secretariat to ensure the success of this event are also appreciated.

**VALUE FOR SPONSORSHIP**

The benefits of this partnership/sponsorship to our distinguished sponsors included but were not limited to:

- The opportunity to address and promote their business to attendees from all over Africa, at the award ceremony
- Placement of company logo in our all WIE programme materials, website and on the students’ awards.

**Engr. Yetunde Holloway**

Chair, FAEO Women in Engineering Technical Committee
PHOTO SPEAKS
1st & 2nd awardees with their prizes & classmates (Nigeria)

3rd Position with another finalist posing with FAEO President & Chair WiNE (Ghana)
1st & 2nd awardees with their prizes (Nigeria)

One of the finalists with her prize and classmates (Nigeria)

2nd Place receiving her award (Nigeria)

3rd Position with another finalist posing with FAEO President & Executives of GhIE (Ghana)
One of the finalist receiving her award from the President, Institution of Engineers, Zambia (Zambia)

Finalist from Zambia with the Executives of Zambian Institution of Engineers

1st and 2nd Position with their Teachers WIE Committee Members, Nigeria