

AFRICAN ENGINEERING EDUCATION FORUM (AEEF 2026)

Theme: Artificial Intelligence (AI) for Engineering Education: Innovation and Solutions for Resource-Constrained Environments

Venue: Faculty of Science, University of Douala, Cameroon

Under the High Patronage of Prof. Magloire Ondo, Rector of the University of Douala

Dates: 08th-11th June 2026



CALL FOR PAPERS

The Forum provides a platform for educators, researchers, professionals and industry leaders to:

- Explore AI integration in engineering education.
- Share innovations and case studies in resource-constrained contexts.
- Strengthen academia, industry, international partnerships.
- Promote sustainable and inclusive engineering education.

Special Events

- Workshop on Capacity Building for Engineering & Technology Educators in Africa
- AEEA General Meeting

Submission Guidelines

Submit abstracts (200–250 words) including:

- Title, Author(s), Affiliation(s), Contact details

Expected Outcomes

- Showcase innovative AI applications in engineering education.
- Provide practical solutions for resource-constrained environments.
- Foster sustainable collaborations across Africa and beyond.

IMPORTANT DATES

23th January 2026

Receipt of abstracts

13th February 2026

Notification of abstract
acceptance

15th march 2026

Receipt of final manuscripts
(camera-ready copy)

10th April 2026

Acceptance of papers
notified:



More info: www.aeef2026.com

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ORGANIZERS

- African Engineering Education Association (AEEA)
- Federation of African Engineering Organisations (FAEO)
- African Education Deans' Council (AEDC)

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OBJECTIVES OF THE FORUM

This Forum is to provide a platform for engineering educators, professional organizations and industry leaders from all over the world in general and the African Region in particular to discuss and proffer solutions to common problems in engineering education with emphasis on the application of Artificial Intelligence (AI) in engineering education. Artificial Intelligence (AI) is revolutionizing various sectors globally, including education. In developing countries, educational institutions often face significant challenges such as limited access to quality teaching resources, inadequate infrastructure, and a shortage of skilled educators. AI presents unique opportunities to address these issues.

The Forum will critically examine approaches to teaching, learning and curriculum structures that would advance engineering education in resource-constrained environments like African nations. It is anticipated that the Forum will foster exchange of information, links and collaboration between member nations on the one hand and the rest of the world on the other.

The major challenge confronting academics in Africa is to produce with limited resources global engineers that espouse attributes found in the notions of innovation, entrepreneurship and sustainability.

Workshop on capacity building on the application of AI in engineering education will be mounted.

SCOPE OF THE FORUM

The scope of the Forum will be broad, covering all aspects of engineering education. The world has become a global community, which now provides more opportunities for collaboration. The increased level of globalization of engineering education has provided academic institutions with new opportunities for cooperations in the international arena by building new and expanding existing, regional and global networks for engineering education. The Forum's contributions will focus on the following three sub-themes.

1. GENERAL ISSUES IN ENGINEERING EDUCATION

- Engineering curriculum for facilitation of human resources development
- Integrating AI into Engineering education curricula
- Innovation in engineering education and research
- Application of new technologies in engineering education
- Workplace/industry learning and development
- Engineering education for sustainable development
- Engineering education for employment in a globalizing economy
- Future of Engineering Education
- Funding Engineering Education
- Techno-entrepreneurship in Engineering Education
- Innovative pedagogy in digital era including AI powered pedagogy
- Training programs for teachers on the use of AI.
- Developing AI skills for engineering students
- Infrastructure and technologies for engineering education
- Role of regulatory bodies in the advancement of Engineering Education
- Management of engineering education in tertiary institutions
- Governance and leadership
- Policy, accreditation, regulation and mobility
- Diversity and inclusivity

2. ACADEMIA/INDUSTRY COLLABORATION AND PARTNERSHIP IN ENGINEERING EDUCATION

- Industry requirements of engineering education
- Social and philosophical aspects of engineering education and its impact on society
- Academia/industry interaction programs
- Role of industry in curriculum design
- Internship facilities and opportunities
- Industry involvement in the design and development of laboratories related to new technologies in engineering faculties

3. INTERNATIONAL COLLABORATION IN ENGINEERING EDUCATION

- International collaboration for sharing resources and knowledge
- Recognition of foreign qualifications
- Accreditation systems for engineering programmes
- International mobility of academic staff and students
- Technological linkage between developed and developing countries
- Regional collaboration in engineering manpower development
- Impact of globalization on engineering education in developing countries

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CALL FOR PAPERS

It is anticipated that the proposed papers will present findings describing the effectiveness of new approaches to engineering education and industrial training. The implementation of special programs, methods and modern approaches to engineering education and industrial training is of relevance to the Forum.

CALL FOR ABSTRACTS AND PAPERS

Prospective authors are invited to submit abstracts of 200 – 250 words long to the Chairman of the AEEF Organizing Committee. Online presentation slots will be available

Intending Authors should note the following deadlines:

Receipts of abstracts:	23th January 2026
Notification of acceptance of abstract:	13th February 2026
Receipt if final manuscripts (camera-ready copy)	15th march 2026
Acceptance of papers notified:	10th April 2026

The abstracts should outline aims, contents and conclusions of the papers. The abstracts should include the title, author's name, affiliation, mailing address, E-mail address and telephone number.

Authors of accepted abstracts will receive instructions on the preparation of full-length camera-ready manuscripts.

Updates on the Forum can be viewed through: www.aeef.africa or www.aeeeon-line.org

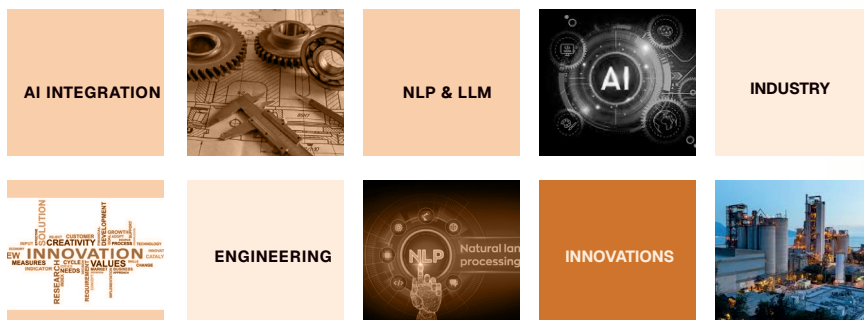
THE VENUE

The conference will be host by Faculty of Science, University of Douala

REGISTRATION

The registration fees are as follows:

- Early-bird fee (before 20th/04/2026) \$200.00 (International)
- International Author fee (before 20th/04/2026) \$200.00 (International)
- Author fee from Africa (before 20th/04/2026) \$70.00 (International)
- Normal fee (After 20th/04/2026) \$250.00 (International)
- Student fee (before 20th/04/2026) \$50.00 (National/International)



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