



SAIMC
INSPIRING AUTOMATION

SAIMC Johannesburg
Branch Presents

ENGINEERING FOR SUSTAINABILITY 2027



27th June
2027



8:00 AM
16:00 PM



SciBono
Discovery Centre,
Newtown
Johannesburg

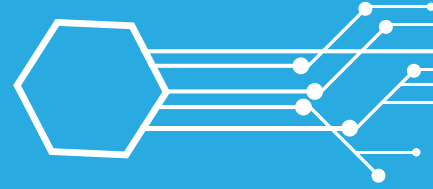
REGISTRATION CLOSES 30TH NOVEMBER 2026

INNOVATE

ENGINEER

INSPIRE

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COMPETITION OVERVIEW

We are delighted to invite your students to participate in the Engineering for Sustainability 2027 competition, an inter-university engineering competition organized by the SAIMC, scheduled to take place on 27th June 2027.

This competition is designed to challenge the creativity, technical skills, and innovative thinking of engineering students across various disciplines related to automation, instrumentation, mechatronics and computer engineering; however other disciplines are welcome too. It offers a dynamic platform for students to apply theoretical knowledge to real-world problems, collaborate in teams, and gain exposure to the broader engineering community.

Top-performing teams will receive certificates, trophies, and exciting prizes, along with the opportunity to present their projects to a panel of industry experts and academics.

RULES AND T&C'S

1. Eligibility and Team Structure

- Eligible Students:

The competition is open to both undergraduate and postgraduate engineering students

- Core Disciplines:

The contest focuses on automation, mechatronics, computer, and instrumentation engineering. Other engineering fields are welcome to join .

- Team Size:

Each participating team must consist of exactly four members.

- Institutional Origin:

All members of a team must belong to an invited, accredited university .

2. Registration and Deadlines

- Official Entry Form:

Teams must fully fill out and submit the official SAIMC registration form.

- Registration Closing Date:

All initial registrations must be submitted by 30 November 2026 .

- Contact Queries:

Send all entry and registration inquiries via email to Ann.DeBeer@wika.com or Sagadevan.Kanniappen@wika.com.

- Roster Lock-In:

No team member changes or substitutions are allowed after the final closing date.

3. Project Sponsorship and Component Budget

- Assigned Sponsors:

Each successfully registered team will be assigned a dedicated corporate or project sponsor.

- Design Funding:

The assigned sponsor will provide a maximum project component budget of R5000.

- Budget Usage:

This funding must be spent strictly on components used directly in the final project design. A Bill of Materials (BOM) sheet must be provided by the team.

- Financial Tracking:

Teams must track all project spending and hand in official receipts to their sponsor.

RULES AND T&C'S

4. Team Apparel and Branded Clothing

- Official Golf Shirts:

Assigned sponsors will provide high-quality golf shirts for all four team members.

- Required Branding:

The shirts will feature the sponsor's corporate logo and the official SAIMC logo.

- Event Text:

The apparel will explicitly state: "Engineering for Sustainability 2027".

- Mandatory Dress Code:

Team members must wear these branded golf shirts during the live event day.

5. Mentorship from the Team Sponsor Company

- Expert Guidance:

Each team will be paired with an expert mentor from their assigned Original Equipment Manufacturer (OEM) sponsor company.

- Technical Support:

Mentors will offer specialized technical advice, industry insights, and engineering guidance to help refine project designs.

- Check-In Sessions:

Teams must attend mandatory monthly progress meetings with their assigned OEM mentor either online or in person.

- Boundary Rules:

OEM mentors may guide and advise students, but they are strictly prohibited from doing any physical build work or coding for the team.

- Industry Exposure:

This partnership is designed to give student teams direct exposure to real-world professional engineering practices.

6. Project Submission Deadlines

- Project Draft:

A preliminary project abstract or concept note must be uploaded by 30 January 2027.

- Final Technical Report:

The final project technical report must be emailed in PDF format by 14 May 2027.

- Hardware Freeze:

No physical adjustments or hardware modifications can be made after the technical report deadline.

- Late Penalty:

Late submissions will face an automatic deduction of 10 points per day from their final score.

RULES AND T&C'S

7. Project Requirements and Ethics

- **Core Theme:**

Every single project must focus entirely on the theme of Sustainability.

- **Originality of Work:**

All project designs, code, and builds must be created entirely by the student team.

- **Academic Integrity:**

Plagiarism, intellectual theft, or using unapproved outside help will result in instant disqualification.

- **Live Presentation:**

Selected finalist teams must present their working designs live to the panel of experts.

8. Event Details and Logistics

- **Official Date:**

The main live competition takes place on 27th June 2027.

- **The Venue:**

The event will be held live at the Sci-Bono Discovery Centre.

- **Physical Location:**

Newtown, Johannesburg, South Africa.

- **Travel Costs:**

Teams are fully responsible for coordinating and paying for their own transport to the venue.

9. Venue Code of Conduct

- **Safety Gear:**

All teams must wear closed shoes and approved safety glasses when working near active hardware.

- **Property Damage:**

Teams will be held financially liable for any damage they cause to Sci-Bono property.

- **Workspace Cleanliness:**

Team workstations must be kept clean, tidy, organized, and completely free of litter.

- **Professional Respect:**

Disrespectful behaviour towards venue staff, judges, or rival teams results in immediate eviction.

RULES AND T&C'S

10. Judging and Scoring

- Expert Panel:

Projects are evaluated by a selected panel of industry experts and academic judges.

- Core Focus:

Scores are awarded based on innovation, technical complexity, and sustainability impact.

- Tie-Breakers:

Predetermined tie-breaker criteria will be used to resolve any equal scores.

- Final Decisions:

All final decisions made by the judging panel are absolute, final, and binding.

11. Prizes and Bank Account Payout Terms

- 1st Place Award:

R20 000 cash prize, an official trophy, and winner certificates.

- 2nd Place Award:

R12 000 cash prize, an official trophy, and winner certificates.

- 3rd Place Award:

R8 000 cash prize, an official trophy, and winner certificates.

- Prize Splitting:

Total cash prizes will be split equally into four individual payouts for the team members.

- Bank Requirements:

Winners must provide a valid South African bank account registered in their own legal name.

- Verification Details:

Teams must submit an official bank confirmation letter to the organizers to receive funds.

- Payout Timeframe:

Cash prize payments will be processed via EFT within 30 days after the event concludes.

RULES AND T&C'S

12. Legal Terms and Conditions

- **Media Rights:**

SAIMC reserves the right to use team photographs, video footage, and project details for marketing purposes.

- **Liability Waiver:**

The organizers and venue are not liable for any personal injury, illness, or property loss at the venue.

- **Rule Changes:**

Organizers reserve the right to alter competition dates, deadlines, or rules if unexpected issues arise.

- **Declaration of funds spent:**

A balance sheet indicating income received and expenses incurred for this competition will be provided to all financial sponsors of this competition within 30 days of the competition date.

CONTACT DETAILS

Contact Details

Should you have any questions or require further details, please do not hesitate to contact us

Competition Co-ordinator:

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SAiMC Johannesburg Branch Manager:

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