COME, ASPIRE & TRANSFORM

SACEINDIA TIFAN 2024

(TECHNOLOGY INNOVATION FORUM FOR AGRICULTURAL NURTURING)

Theme: Automated Vegetable Transplanter
(Tractor Pulled Equipment)

APRIL 2024

REGISTER NOW!

Cultivate Innovations Competition for Students

EARLY BIRD DISCOUNT
limited period

SPECIAL OFFER
Women Students
About TIFAN:
TIFAN stands for ‘Technology Innovation Forum for Agricultural Nurturing’. It is an initiative by SAEINDIA (Society of Automotive Engineers) which is an international organization. SAEINDIA was started in 1994 and has been working towards the development of the automotive industry in India. TIFAN is a student competition program that aims to promote innovation and technology in agriculture. The program is designed to encourage students to come up with innovative solutions that can help improve the agricultural sector in India.

About SAEINDIA:
SAEINDIA is India’s leading resource for mobility technology. As an individual member-driven society of mobility practitioners, the ownership of SAEINDIA lies with its members who are Individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students. SAEINDIA is a strategic alliance partner of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of the mobility industry in India.

About Off-Highway board:
In 2010, SAEINDIA Off-Highway board was established, which caters to the aspect of mobility engineering related to all vehicles/equipment operated in rough terrain, mining, farm, and non-track e.g. agriculture, construction and defense. Since its inauguration, the board has been instrumental in focusing on the common issues related to Technologies of tomorrow and the talent pool and has organized several national-level events.
Laying out a Vision
- Workshop from Industry Leads
- System-level and part-level readiness
- High-level Plan on Technology implementation based on Rulebook.
Presentation by each Team on prototype design concepts chosen, validation reports using analytical tools (Especially on Design), understanding on working principles based on rule book, emphasize on technology project plan, Design readiness and development documentation.

Virtual Presentation Round
- Workshop from Industry leads and/or Webinar support.
- Emphasize on Design Estimates & Early Analysis Results (FEA/CFD etc.)
- Sales and Marketing Plan
- Cost Planning
- Technical Inspection Sheet based on Rulebook.
Presentation by each team to demonstrate results verification & validation outcomes for prototype designs of the machines, Sales, & Marketing pitch, focus on Cost cutting options considered upon analysis outcomes & other confirmatory checks shown based on Rulebook.

Physical Round
- Static and Dynamic Evaluation
- Actual Cost Reports
- Serviceability and Safety Inspections
- Maneuverability test
- Demonstration of Actual machines to judges and panel
Final Show and Tell of the machine in front of judges & panel. An opportunity to connect with leaders and sponsors connect at the final place of the competition.

Key Event Dates

<table>
<thead>
<tr>
<th>Key Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Registration open</td>
<td>Jul 5, 2023</td>
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<tr>
<td>Registration close</td>
<td>Sep 15, 2023</td>
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<tr>
<td>Phase 1: Design Report submission by students</td>
<td>Oct 2023</td>
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<tr>
<td>Phase 1: Presentation Submission</td>
<td>Oct 2023</td>
</tr>
<tr>
<td>Phase 1: Students present designs to Judges (Industry and Academic experts)</td>
<td>Oct 2023</td>
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<tr>
<td>Phase 1: Judges review reports &amp; finalize scores</td>
<td>Oct 2023</td>
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<tr>
<td>Shortlisted team announcement as per the minimum score criteria</td>
<td>Nov 2023</td>
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<tr>
<td>Phase 2: Virtual Presentation round</td>
<td>Apr 2024</td>
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<tr>
<td>Phase 3: Physical Round &amp; Awards Ceremony Date</td>
<td>Apr 2024</td>
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</tbody>
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SAEINDIA TIFAN – AWARDS

<table>
<thead>
<tr>
<th>Award Description</th>
<th>Prize</th>
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<tbody>
<tr>
<td>TIFAN Overall Winner</td>
<td>Rs. 1,50,000</td>
</tr>
<tr>
<td>TIFAN Zonal Award</td>
<td></td>
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<tr>
<td>Zonal Winner</td>
<td>Rs. 1,00,000</td>
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<tr>
<td>1st Runner Up Team</td>
<td>Rs. 75,000</td>
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<tr>
<td>2nd Runner Up Team</td>
<td>Rs. 50,000</td>
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<tr>
<td>Best Design &amp; Innovation</td>
<td>Rs. 25,000</td>
</tr>
<tr>
<td>Best Cost</td>
<td>Rs. 25,000</td>
</tr>
<tr>
<td>Best Sales and Marketing</td>
<td>Rs. 25,000</td>
</tr>
<tr>
<td>Best Working Principles</td>
<td>Rs. 25,000</td>
</tr>
</tbody>
</table>
**Registration Guidelines:**

- **Registration Fee:** Phase 1: Rs. 7,000 + 18% GST & Phase 2: Rs. 5,000 + 18% GST per team
- Teams can be formed with maximum 25 Students + 2 Faculty Advisors + 1 farmer
- It is mandatory for participating students to become student members of SAEINDIA. It is encouraged to take up the membership under +1 scheme as membership status continues for one more year after the completion of graduation.
- Though not mandatory, Faculty are encouraged to become a Faculty Member of SAEINDIA and avail the benefits available for the faculty member of SAEINDIA.
- Visit: [https://www.saeindia.org/become-a-member/](https://www.saeindia.org/become-a-member/) to sign up for membership.
- Prizes worth up to ₹ 5,00,000 to be won

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**Early Bird Offer:**

- Avail 75% discount on your 1st and 2nd phase registrations if your team has 100% women students.
- Avail 50% discount on your 1st and 2nd phase registrations if your team has minimum 50% women students or minimum of 10 women students.
- Avail 10% discount on Phase 1 Registration by completing your registration on or before 29th July

Each team can avail discount only under one scheme. To avail Women member discount in phase 1 & 2 the team members need to be uploaded at the time of registration else women member discount may be availed only in Phase 2

**Referral Discount:**

- Avail 10% discount on your 2nd phase registration if a new team is registered under your referral
- Avail 100% discount on your 2nd phase registration if 10 new teams are registered under your referral

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**What’s for the Students:**

- Multiple technical sessions and events from industry experts.
- Mentors will be provided to support Mechanical & Software related topics.
- Pan India networking opportunity for the colleges & students
- Direct exposure to Industry Leaders & Corporates
- Learning experience along with experienced mentors from Industry
- Hands on experience on agricultural equipment, operations & manufacturing
- Exposure to SAEINDIA and all benefits from the membership
- Supporting a greater cause to support our farmers on Nurturing Green Futures using Technology.
- Connect and collaborate with Industry experts and Lifelong relationship

**Important Points for Students:**

- Students stay and food expenses during the event will not be covered by SAEINDIA TIFAN.
- Transportation from respective college to event site will be arranged by college and/or students.
- Students can arrange their own sponsors.
- Equipment costs (Tractor Pulled) for TIFAN’23 was in the range of 70k – 1L INR.
- Equipment cost and any other expenses to be borne by the students.

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**SPONSORS**

**Gold Sponsor**

*John Deere*

**Silver Sponsor**

*BKT*

**Associate Sponsor**

*ARAI*

**Award Partner**

*Ansly*

**Simulation Partner**

*Wheels India Limited*

**Venue Partner**

*TOUGH HARDOV*
On behalf of the Society of Automotive Engineers in India (SAIINDIA), we are delighted to extend a warm invitation to participate in the upcoming SAEINDIA TIFAN event.

SAEINDIA TIFAN (Technological Innovation forum for Agricultural nurturing) is a prestigious event that celebrates the boundless creativity and technical prowess of the engineering community. As a pioneering platform, it provides a unique opportunity for students, faculty, and industry professionals to collaborate, innovate, and showcase their groundbreaking automotive projects.

This year’s event will bring together a diverse range of participants from esteemed engineering institutions across the region. With its exciting lineup of competitions, technical sessions, and interactive displays, SAE TIFAN aims to foster an environment of knowledge-sharing, networking, and healthy competition.

Why should you participate?

1. Unleash Innovation: SAE TIFAN encourages participants to unleash their innovative spirit, pushing the boundaries of automotive engineering through dynamic competitions and challenges.

2. Networking Opportunities: Engage with industry experts, renowned engineers, and fellow participants to build a strong professional network that can lead to future collaborations and career opportunities.

3. Showcasing Expertise: Demonstrate the capabilities and expertise of your institution’s students through interactive displays and presentations, attracting recognition from the wider engineering community.

4. Knowledge Exchange: Attend technical sessions, workshops, and panel discussions by leading experts, gaining valuable insights into the latest advancements and trends in the automotive industry.

5. Awards and Recognition: Stand a chance to win prestigious awards and accolades that celebrate exceptional talent and achievement in various categories.

6. Industry Exposure: Interact with representatives from prominent industry players who attend SAE TIFAN, creating opportunities for internships, sponsorships, and potential employment prospects.

We firmly believe that you possess the talent, passion, and expertise to make a significant impact at SAE TIFAN. Your participation will not only enrich the event but also provide invaluable learning experiences for your students, further enhancing their technical skills and fostering a spirit of innovation.

To confirm your participation or inquire further about the event, please feel free to reach out to our dedicated organizing committee. We also encourage you to visit our official website for detailed event information, registration process, and important updates.

We eagerly anticipate your positive response and look forward to welcoming you to SAE TIFAN. Together, let us celebrate the brilliance of engineering and shape a brighter future for the automotive industry.

Warm regards,
SAE TIFAN OC
In the pursuit of enhancing the academic excellence of the student fraternity, we as an organizing committee for TIFAN on behalf of Society of Automotive Engineer in India (SAEINDIA), would like to make a conscious proposal for the possibility of further collaborating with you to host the upcoming SAEINDIA TIFAN event for 2024. We together can make a difference!

As one of the leading engineering colleges in the country, you have built a remarkable reputation for being committed to innovation, technology and thus by enhancing technical expertise you’re nurturing future engineering talents. We believe that our event can greatly benefit you to achieve & set the same primary goals that we are striving for.

By partnering to host the SAEINDIA TIFAN event at your college, you would provide an ideal platform for students, faculty, and industry professionals to showcase their engineering prowess, share knowledge, and foster collaboration. Here are a few reasons why partnering with us would be mutually advantageous:

1. Enhancing College Reputation: Hosting a prestigious event like SAEINDIA TIFAN at your college would bolster its reputation as a center of excellence and innovation, attracting attention from industry leaders, potential students, and the wider academic community.

2. Industry Exposure: By facilitating the event, you would have the opportunity to interact closely with industry professionals, thus enabling networking opportunities and potential industry collaborations.

3. Showcasing Infrastructure: The state-of-the-art infrastructure and facilities available at your college would serve as a testament to its commitment by providing a conducive learning environment. SAEINDIA TIFAN participants would be able to experience firsthand experience of being at your campus and experiencing a different learning environment.

4. Student Engagement: Hosting the event would engage your college students in various capacities, including volunteering, organizing committees, and participating in competitions. This involvement would foster a sense of pride and ownership among the students, as they contribute to the success of a prestigious engineering event.

5. Collaboration and Knowledge Exchange: Through hosting SAEINDIA TIFAN, your college would facilitate the exchange of ideas, knowledge, and best practices among participants, encouraging collaboration and fostering a culture of continuous learning.

We understand that hosting an event of this scale requires careful planning, coordination, and resources. As the organizing committee of SAEINDIA TIFAN, we assure you that we will work closely with your institution to ensure smooth execution and minimal disruption to the regular academic activities at your facility.

We kindly request you considering our proposal and explore the possibility of hosting the SAEINDIA TIFAN event at Your college. We are open to discussing the details and addressing any concerns you may have. Together, let us create an unforgettable experience that celebrates engineering excellence and strengthens the bonds between academia and the automotive industry.

Please feel free to contact us to further discuss this opportunity. We appreciate your time and consideration.

Thank you for your attention, and we look forward to the possibility of collaborating with you.

Reach Us

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