

SAEINDIA TIFAN – 2025

7th Edition



Technology Innovation Forum for
Agricultural Nurturing

TIFAN Industry Connect



SAEINDIA



- SAEINDIA was started in 1994 and is a strategic alliance partner of SAE International (Founded in 1904) registered in India as an Indian nonprofit engineering and scientific society.
- The organization focuses on advancing the engineering and technology of mobility systems, which includes automotive, aerospace, and commercial vehicles. SAEINDIA provides a platform for engineers, professionals, and students to share knowledge, develop skills, and network with peers in the mobility industry.
- SAEINDIA organizes several prominent competitions aimed at fostering innovation, practical skills, and teamwork among engineering students. These competitions provide hands-on experience and exposure to real-world engineering challenges.



What is TIFAN ?



- ***TIFAN : Technology Innovation Forum for Agricultural Nurturing***
- An Off-Highway Initiative by SAEINDIA (Society of Automotive Engineers) in collaboration with different industries and industry executives across India.
- TIFAN is a student competition program, incubated in 2018, aims to promote innovation and technology in agriculture. The program is designed to encourage students to produce innovative solutions that can help improve the agricultural sector in India.

Introduction



CONVENER

Mr. Sandip Rajput,
Technical Lead
John Deere India Pvt. Ltd.



Sponsors Lead

Mr. Gyanendra Yadav,
Sr. Engineer - C&F Hyd.
John Deere India Pvt. Ltd.



Mr. Swapnil Bagul,
Lead Engineer - Engines
John Deere India Pvt. Ltd.



Ms. Anjali Patel,
Sr. Engineer - Large Tractor
John Deere India Pvt. Ltd.



TIFAN 2025 Theme

Automated Multi-Vegetable Transplanter

Launched in July 2023



Land Preparation



Planting



Spraying



Harvesting

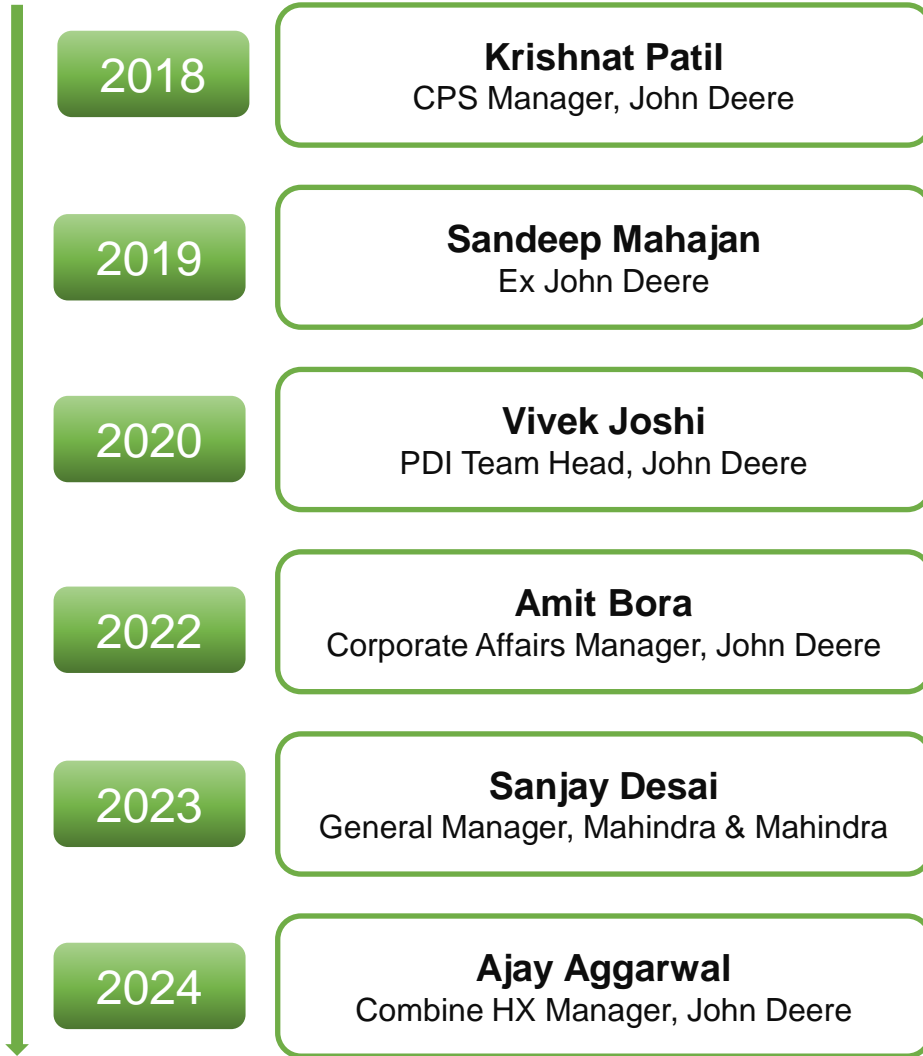
SAEINDIA TIFAN – JOURNEY



- The off-highway forum initiated the competition targeted to solve the farming challenges using mechanized solutions. It provides a platform for connecting the bright and prosperous engineering talent available in the country with the real-life challenges of the agriculture sector. Through this program, students from engineering and agricultural colleges across India will participate in providing innovative solutions to product design & development challenges.

Self – Propelled Onion Harvester				Automated Multi-Vegetable Transplanter	
2018	2019	2020	2022	2023	2024
Registration 28 Team	Registration 37 Team	Registration 57 Team	Registration 31 Team	Registration 28 Team	Registration 57 Team
Final Round 17 Team	Final Round 24 Team	Final Round 42 Team	Final Round 28 Team	Final Round 15 Team	Final Round 27 Team

SAEINDIA TIFAN – JOURNEY



TIFAN 2025 Theme

Automated Multi-Vegetable Transplanter

**24th June 2024
to
15th Aug 2024**

Pre & Final Registration

**28th & 29th
Sept 2024**

Qualifying Round

**15th & 16th
March 2025**

Final Design Evaluation

**28th to 30th
March 2025**

Final TIFAN Event

TIFAN 2024 Highlights



- Record Registration : Over 70 teams from 10 different states
- Final Competition: 27 teams with around 500+ students participated
- Historic Inclusion: First-ever participation of three 100% women's teams



TIFAN 2024 JOURNEY – College Connect



- 20+ Seminars, 20+ Webinars, 100+ college connects, 1500+ students connects



TIFAN 2024 JOURNEY – Mentor Connect



- 6+ Physical Workshops held across India, 50+ Mentors live interaction with students



TIFAN'25 - Participating Team Statistics

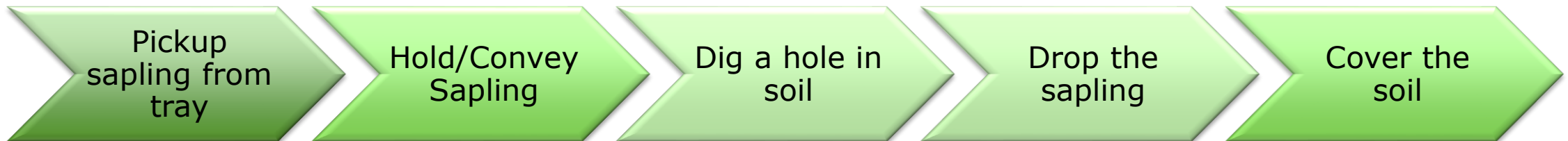
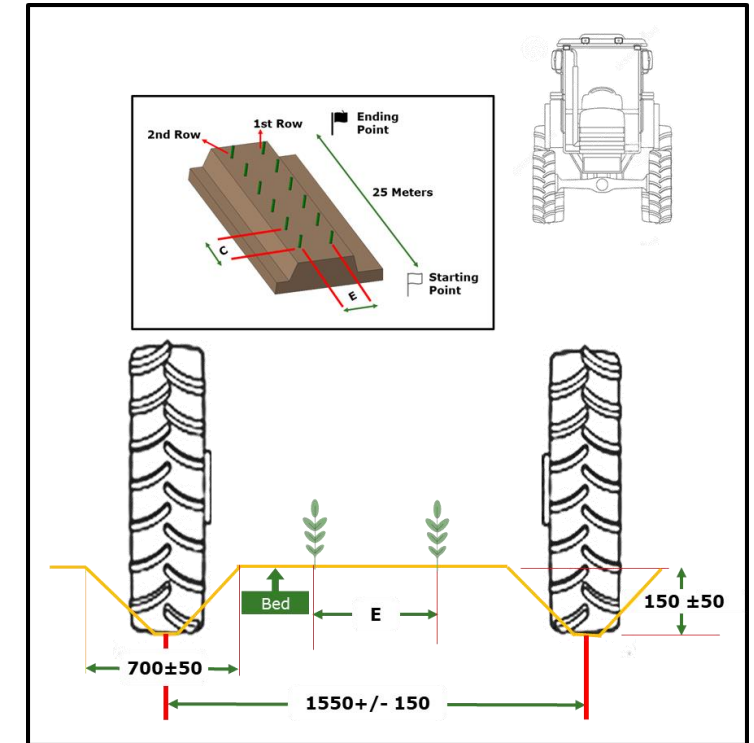


* Registrations ongoing

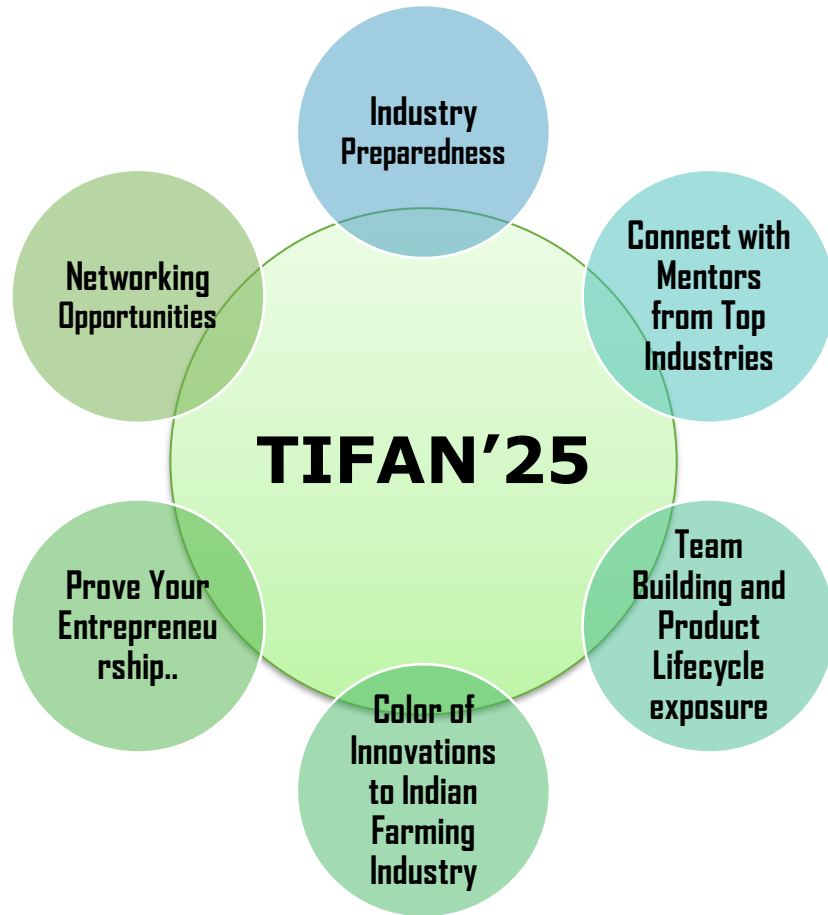
TIFAN 2025 Theme : Automated Multi-Vegetable Transplanter



- Mechanized Solution to develop an Automated Multi- Vegetable Transplanter Machine to aid the planting process of Farming
- An Ideal solution towards precision Planting for the farmers
- Machine Ability to use multi-functional, multi-crop selection abilities (Tomatoes, Chilies, Brinjal)
- Designs to be evaluated based on: Productivity, Innovation, Performance & Cost of operation
- Basic Design Consideration to follow below machine operation principles:



TIFAN'25 Way Forward...



Connect with
Colleges All over
India



Learn From
Industry Leads



Trainings from
Technological
Clients



Work Together,
Win Together

- Industry Connect & Networking Opportunities
- Awards & Nominations Worth Up to Rs. 6 Lakhs
- Media Recognition
- Presence of Incubators
- Sponsor Stalls
- HR Drive & Spot Placement Offers
- Mentorship from Industry Experts
- Technical Seminars by Industry Experts
- Hands-on Workshops
- Technical Quizzes & Competitions
- Exciting Prizes from Sponsors

Sponsorship Benefits



	Benefits	Platinum	Gold	Silver	Bronze	Associate	Event Sponsors	Support Sponsors*
	Sponsorship Amount	INR 10 Lakhs	INR 5 Lakhs	INR 3 Lakhs	INR 2 Lakhs	INR 1 Lakhs	INR 50,000	ANY
Advertising Banner	Event Main Entrance Arch Banner (30ft X 2ft)	1	N	N	N	N	N	N
	Venue Arch Banner (20ft X 12ft)	5	3	1	N	N	N	N
	Vertical Poster (3ft X 8ft)	10	5	3	2	1	N	N
	Outer Banner (8ft X 3ft)	10	5	3	2	1	N	N
	Banner (12ft X 10ft)	10	5	3	2	1	N	N
	Small Banner (6ft X 5ft)	5	3	2	1	1	1	N
Digital Marketing	Logo Presence on SAE TIFAN registration website	Y	Y	Y	Y	Y	Y	Y
	Logo on Participation Certificates	Y	Y	Y	Y	Y	Y	N
	Logo Presence during Email Communication & Official events, Team Meetings Background	Y	Y	Y	Y	Y	N	N
	Logo Presence on social Media pages of SAE india (Linkedin, Facebook, Instagram)	Y	Y	Y	Y	N	N	N
	Audio/Visual Branding in Dining Area	Y	Y	Y	N	N	N	N
	Promotional Material in Student's & judges kits (Score sheets, Cheklistes etc)	Y	Y	Y	N	N	N	N
	Viny Stickers on students implement (Vehicles)	Y	Y	N	N	N	N	N
	Diginitary for sponosred Award Distribution	Y	N	N	N	N	N	N
	Sponsored by Logo (On Trophy & Certificate)	N	N	N	N	N	N	N
Industry & Student Connect	Branding promotion supplies (Pen/T-shirts/Hats etc).	Y	Y	Y	Y	Y	Y	Y
	Opportunity to participate in HR drive/Carrer Placements	Y	Y	Y	Y	Y	Y	Y
	Promotional Space (Apt for stall/Booth)- (30ft X 20ft)	Y	Y	Y	Y	Y	N	N
	Direct connect with students (webinar/Training videos) * (Educational Promotion ONLY)	Y	Y	Y	Y	N	N	N
	Sharing Database of students and faculty participation	Y	Y	Y	N	N	N	N
	Lunch/Refresments/Accomodation for Sponsors (Limited to 2 personal)	Y	Y	N	N	N	N	N



THANK YOU

For more details



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<https://saeindia.org/tifan/>



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