

TIFAN

(Technology Innovation Forum For Agricultural Nurturing)

INTRODUCTION

SAE (Society Of Automotive Engineers) is an international organization .TIFAN comes under SAEINDIA OFF-HIGHWAY competition.

COMPETITION

The machine developed under TIFAN competition are judged in a series of static and dynamic events including safety scrutiny, technical inspection, cost, sales & marketing presentation, review of engineering design and field performance at TIFAN location. Dynamic events are scored to determine the field performance of the farm machine. The high-level distribution points for the competition would be as below, subjected to vary depending upon the format of competition at the actual event in awake of the pandemic situation.

Static Event	(450 points)
Engineering Design & Innovation	200
Consciousness towards Farm mechanization (Machine utility for end user)	100
Cost Evaluation and Manufacturing	100
Sales and Marketing presentation	50
Dynamic Event	(550 points)
Onion digging efficiency	100
Onion bulb damage %	100
Onion picking efficiency	50
Field Efficiency	100
Fuel Economy (Lit/hr.)	100
Effective field productivity (Area covered per unit time)	100

2019 TEAM

NAME	DEPARTMENT	DEPARTMENT POSITION
Mahesh Shinde	Chassis	Captain
Pranav Kotheekar	mechanism	Vice Captain
Kapil Zunjare	Mechanism	member
Vinay Lipte	Transmission	Head
Ganesh Gadhave	Steering	member

Subodh Wasekar	Transmission	member
Balaji Khodke	Braking	member
Bhagyesh Warke	Wheel assembly	Head
Nishant Chaudhari	Chassis	Head
Dnyandeep Dahe	Steering	Head
Pratik Tathod	Braking	Head
Vishal Singh	Mechanism	Head
Saurav Chandiwale	Braking	Member
Tejaswini kukarde	Wheel assembly	Member
Pratik Talokar	Mechanism	Member
Ashish Dhone	Chassis	Member
Sahil Akare	Chassis	Member
Vipul Badwaik	Transmission	Member
Komal Nagpure	Mechanism	Member
Prachi Keskar	Braking and wheel assembly	Member
Riya Tandulkar	Chassis	Member
Mayuri Bhowate	Trans	Member
Shubham Bahekar	Mechanism	Member
Gourav Thote	Steering	Member
Sarthak Shrivastav	Steering	Member

FACULTY ADVISOR
Prof. M.M.Deshmukh
Prof. S.R.Kewate

ACHIEVEMENT

Successfully qualified for virtual round and also qualified for the dynamic event.

2020 TEAM

NAME	DEPARTMENT	DEPARTMENT POSITION
Pratik Talokar	Mechanism	Captain(Head)
Kuldip Mali	Steering	Head
Ashish Dhone	Chasis	Vice Captain(Head)
Vipul Badwaik	Transmission	Head
Prachi Keskar	Braking	Head
Vikas Thakare	Transmission	Member
Shubhangi Mogal	Braking	Member
Shubham Bahekar	Mechanism	member
Sahil Gothe	Braking	member

Madhavi Kolhe	Steering	member
Shubham Varade	Steering and transmission	member
Shreyash Raut	Mechanism	member
Amit Kale	Transmission	member
Kamlesh Bante	Transmission	member
Aniruddha Kale	Steering	member
Pratik Khond	Chassis	member
Ankush Arbat	Mechanism	member
Pranav Kothekar	Mechanism	member
Mahesh Shinde	Chassis	Member
Nishant Chaudhari	Chassis	member
Vinay Lipate	Transmission	Member
Subodh Wasekar	Transmission	member
Lokesh Bhuyar	Mechanism	member
Kapil Zunjare	Mechanism	member
Vishal Singh	Mechanism	member

FACULTY ADVISOR
Prof. M.M. Deshmukh
Prof. R.H. Sarda

ACHIEVEMENT

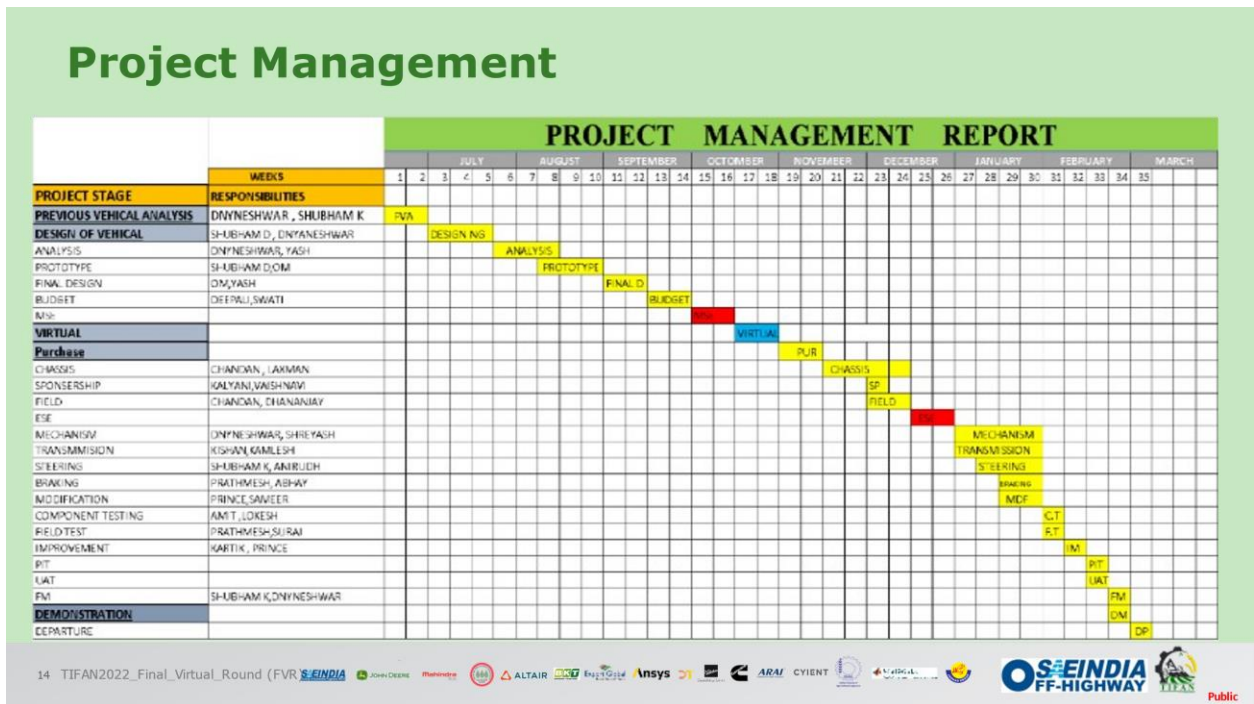
Team secured 13th all India Rank.

2022 TEAM

NAME	ID	DEPARTMENT	DEPARTMENT POSITION
Dnyaneshwar Purushottam Muley	19002034	Mechanism	Captain(head)
Shreyash Raut	18002045	Mechanism	Member
Chandan Balu Jadhao	19002055	Mechanism	Member
Prince Satendra Rai	20102008	Mechanism	Member
Swati Ramrao Rathod	19002013	Mechanism	Member
Lokesh Bhuyar	18002017	Mechanism	Member
Kishan Sudhir Chaudhary	19002009	Transmission	Head
Kamlesh Omkar Bante	18002038	Transmission	Member
Laxman Arun Pethkar	18002015	Transmission	Member
Amit Shamrao Kale	18002034	Transmission	Member
Deepali Janardhan Wagh	20102007	Transmission	Member

Shubham Katre	19002030	Steering	Vice Captain(Head)
Kalyani Gajanan Darvekar	19002050	Steering	Member
Kartik Sanjay Lawangewar	19002047	Steering	Member
Prathmesh Laxmikant Maliye	19002026	Braking	Head
Vaishnavi Sudhakarrao Chafale	19002052	Braking	Member
Sameer Prakash Deshmukh	20102004	Braking	Member
Abhay Kemchand Chiklonde	18002071	Braking	Member
Yash Gopal Chikhalkar	19002076	Chassis	Head
Om Madhukar Patil	19002032	Chassis	Member

FACULTY ADVISOR
Prof. R.S. Mohod



ACHIEVEMENT
 Best Economic Vehicle of the year Award.