



Laxmi Singh Charitable Trust's (Regd.)

THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

Autonomous College Affiliated to University of Mumbai

Approved by All India Council for Technical Education (AICTE) and Government of Maharashtra (GoM)

Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y. 2019-20

Amongst Top 200 Colleges in the Country, Ranked 193rd in NIRF India Ranking 2019 in Engineering College category

• ISO 9001:2015 Certified • Programmes Accredited by National Board of Accreditation (NBA), New Delhi

• Institute Accredited by National Assessment and Accreditation Council (NAAC), Bangalore

Website : www.tcetmumbai.in

NASA SPACE APP CHALLENGE EVENT REPORT

Nasa Space App Challenge (Pre-Qualifier Round)

Concept: The Nasa International Space App Challenge is a collaborative event lead by NASA conducted in different cities all around the world to bring out solutions for everyday problems using opensource technologies. It's a hackathon conducted amongst colleges where students pitch their ideas and innovations to solve problems in the society. Nasa leads this global collaboration along with a number of government collaborators and over 100 local organising teams across the globe.

DATE: 17th September 2019

DURATION : 24 hours

LOCATION: THAKUR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

Thakur village, Kandivali east, Mumbai, Maharashtra.

Convenor : Dr. Kamal Shah

Event coordinators:

Dr. Rajni Bahuguna

Dr. Rekha Sharma

Faculty Coordinators:

Mr. Aditya Desai

Ms. Neha Kapadia



Ms. Vaishali Nirgude

Dr. Harshali Patil

Ms. Preeti Badhe

Dr. Sangeeta Mishra

Mr. Niket Amoda

Ms. Jayashree

Dr. S C Patil

Mrs. Poorva Waingankar,

Mr. Hemant Kasturiwale

Mr. Sumeet Kumar

Ms. Ashwini Shanbhag

Mr. Ajay Vishvakarma

Mr. Pritesh Bhana

Mr. Mahendra Shelar

Mr. Saurabh Vichare,

Ms. Jayshree

Ms. Vaishali Rane

Ms. Neelam Pawar

Organising Team:

Mr. Phaujadar Ram

Mr. Vaibhav Chavan



Mrs.Vinod Maurya

Mr. Pankaj Singh

Ms. Jayshree

Ms. Vaishali Rane

Mr. Ashish Modulkar

Ms. Maithilee Chavan

Number of Volunteers : 30

Goals:

- To encourage students to know about Hackathon culture and take active participation in real time issues or problems using NASA open data.
- To bring forth the innovative ideas and solutions to the problem statements provided by Space Apps Team.
- Students selected in Pre Qualification will be sent to local level of Hackathon to compete with different Zonal winners.

Number of participants: 1000

Number of Teams registered : 148

Agenda of the Event :

Sr. No.	Session	Time
1.	Registration	8.30am-9.30am
2.	Inauguration	10am-11am



The fun session rejuvenated the students . This was followed by second round of scrutiny where the teas were given 3 to 5 minute to explain their work until then.

The final the pitching session was conducted where 8 teams were selected from the zone which ended the hackathon. The winners were selected based on how technically sound they were, their creativity and the open data sets used by the students.

Members of the Jury:

Mr. Sai Kiran Katapally (Founder of SUMVN)

Ms. Pooja Tak

Faculties from TCET:

Mr. Aditya Desai :

Dr. Sangeeta Mishra

Ms. Jayashree

Dr. Seema Jagtap

Dr. Sanjeev Chaudhary

Ms. Poorwa waingankar

Dr. S.C. Patil

Resources provided :

- Printing brochures and posters



- Food (Lunch, dinner and breakfast)
- Tea and Snacks
- Electricity
- Wi-fi
- Water Supply
- Faculty Incharges
- Photography
- Social media support
- Transportations
- Certificates

Results:

- The event was highly successful with 1000 participants
- Among 200 registered Teams ,**8 teams** were selected for the next round of the local level of Hackathon.
- The winners were chosen for NASA Space Apps 2019 , Delhi.

Feedback and Learning points:

Our students has got good exposure to the real time scenarios by attending the pre-qualification Hackathon organised at our college.

On behalf of my TCET team , the 24 hour Hackathon gave a new wholesome experience with a fruitful accomplishment. A great responsibility among the volunteers and organising committee with honorary judges gave the success to the event.

Convenor:



Dr. Kamal Shah :

The event Hackathon by NASA Space App Challenge conducted at our college was very useful to our students in exploring their innovative skills and enhancing their knowledge levels.

Event Coordinators:

Dr. Rajni Bahuguna

NASA Space App challenge 2019 organised by TCET is a great platform for our students to interpret their ideas into prototypes and develop into products and also to explore business model of the prototypes.

Dr. Rekha Sharma

Such Hackathons are a great opportunity to the students for exhibiting their creative talent. These should be regularly held to make students aware of their environment and problems existing around us.

Future development:

- To support the students selected to the next round of Space Apps Hackathon by providing relevant mentors and technical experts.
- To host similar Hackathons to bring out the talents and also increase the Hackathon culture in the state.



NASA Space Challenge Winner							
Sr.No.	Group No.	Name	Institute	Branch	Topic	Contact No.	Email.Id.
1	180	Omkar Dali	Famt - Ratnagiri	IT	Waste Management & Technology		
		Omkar Ranjne	Famt - Ratnagiri	IT		9096530813	omkarranjane1996@gmail.com
		Purva	Famt - Ratnagiri	IT			
		Amol Shetye					
2	128	Ashutosh Yadav	TPOLY	COMP	Rural Development	961625995	ashutoshslife@gmail.com
		Sudhanshu Yadav					
		Sunny Yadav					
		Russel Fernandes					
3	123	Komal Bane	TPOLY	COMP	Avionics Mechanical		
		Nikita Vagmare	TPOLY	COMP		9082908515	vagmare2411@gmail.com
		Aasoo Yadav	TPOLY	COMP			
		Harsh Singh	TPOLY	COMP			
4	25	Esha Ghorpade	TCET	COMP	Environment	9137403895	ady4769@gmail.com
		Khyaati Shrikant	TCET	COMP			
		Nitisha Pradhan	TCET	COMP			
		Rahul Pal	TCET	COMP			
5	35	Shivam Raisharma	TCET	COMP	Ares : Mars VR Space Exploration Simulation	836943621	shivamraisharma@gmail.com
		Kaustubh shete	TCET	COMP			
		Rakshit shettye	TCET	COMP			
		Anand Vishwakarma	TCET	COMP			
		Harsh Shah	TCET	COMP			
		Nirav Modi	TCET	COMP			
6	36	Anshika Pandey	TCET- COMP	TE	Pulsar Star Prediction using R.F.		
		Sakshi Singh		TE		8369420175	sakshisaku3000@gmail.com
		Sarandeep Singh		TE			
		Devesh Varma		TE			
7	83	Payal Narvekar	TCET - ETRX	BE	Parametric based Design of Electric Motor for 2 Wheeler	9969202598	richa99677@gmail.com
		Richa Pandey	TCET - ETRX	BE		9967780141	
		Anushka Sawant	TCET - ETRX	BE		9930367854	
		Sriya	TCET - ETRX	BE		7506359412	
8	1	Harsh Mukesh Sharma	TCET- IT	SE	Smart Communication in Space and Rocket Launching	7281834130	studentshm139084@gmail.com
		Bhavanish Dhamnaskar	TCET- IT	SE			
		Abhishek Pandita	TCET- IT	SE			
		Deeksha Rai	TCET- IT	SE			

Signature

