

Annual Report

Team Onyx India (2016-2017)

K. J. Somaiya College of Engineering, Mumbai-77

(Autonomous College Affiliated to University of Mumbai)

Name of the organization/chapter/project: Team Onyx India**List of Members/Details of Committee- 2016-2017**

Sr. No.	Name of the Faculty advisor/ in-charge	Department	Portfolio
1	Professor Prashant Jain	Mechanical	Advisor

Sr No.	Name	Branch	Portfolio
1	Kaustubh Jagtap	Mechanical	Captain
2	Samruddha Gawande	Mechanical	Vice Captain
3	Adhiraj Pimpalkar	Mechanical	Manufacturing Head
4	Burhannudin Bhavnagarwala	Mechanical	Structural Head
5	Mayur Nandu	EXTC	Propulsion Head
6	Akshay Bhanushali	EXTC	Propulsion
7	Arpit Shah	Mechanical	Joint Marketing Head
8	Karan Twani	Mechanical	Manufacturing
9	Vishal Thakkar	Mechanical	Manufacturing
10	Virang Panchal	Mechanical	Manufacturing
11	Parth Gabani	Mechanical	Design
12	Prathamesh Chine	Mechanical	Design

Photo of members/committee – 2016-2017



Details of events/activities held during academic year 2016-2017

Sr. No. of Event / Activity	Day/Date	Year	Month	Time	Venue	Description of Activity
1.	16 th	2016	December	--	IIT Bombay	Boeing National Aeromodelling Competition: Participation in Boeing National Aeromodelling Competition. It was held at IIT Bombay
2.	3 rd	2017	March	--	IIT Kanpur	Skysparks National Aeromodelling Competition: Participation in Skysparks National Aeromodelling Competition. It was held at IIT Kanpur

Reports of event/activity

Sr. No. of Event / Activity	Day/Date	Year	Month	Time	Venue	Description of Activity
1	16 th	2016	December	--	IIT Bombay	Boeing National Aeromodelling Competition: Participation in Boeing National Aeromodelling Competition. It was held at IIT Bombay

Details of participation in the event/activity
(Fill wherever is applicable or information is available. At least total need to fill)

No of students / faculty	COMP	ETRX	EXTC	IT	MECH	Total no of participants
FY						63
SY						
TY						
LY						
No of Faculty						

Report of event/activity

Competition: Boeing National Aeromodelling Challenge

Team Onyx India participated in Boeing National Aero-Modelling Competition at IIT Bombay. The competition challenges UG and PG students to build an aircraft under dimensional and technical constraints, and also in the process of fabrication. The first round was a glide round where, the aircraft was required to glide for the longest time possible with the motor switched off. We cleared the first round successfully, but we could not clear the second round i.e. the stunt round, due to lack of proper pilot training. We took what we learned there and prepared for IIT Kanpur's Aero-Modelling Competition.

Sample Photographs of the Event/Activity



Details of prizes (wherever applicable fill all the entries)

Sr. No.	Name of the student	Department	Details of prize won	Remarks
1	Team Onyx India 2016-17	MECH	--	

Sr. No. of Event / Activity	Day/Date	Year	Month	Time	Venue	Description of Activity
2	3rd	2017	March	--	IIT,Kanpur	Skysparks National Aeromodelling Competition: Participation in Skysparks National Aeromodelling Competition.It was held at IIT Kanpur

Details of participation in the event/activity
(Fill wherever is applicable or information is available. At least total need to fill)

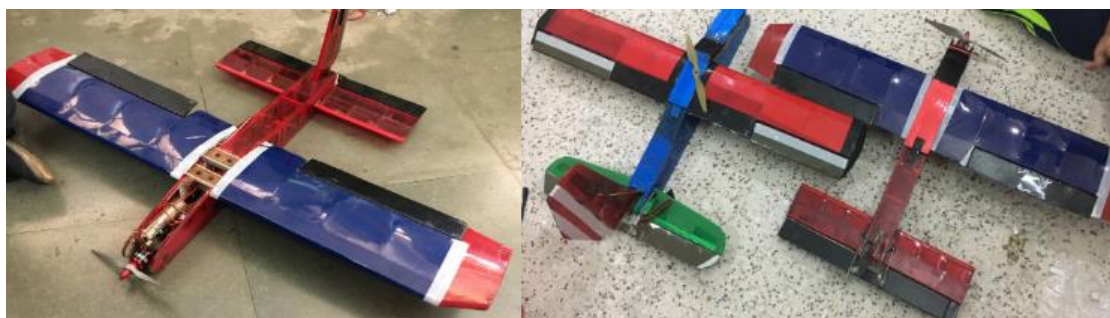
No of students / faculty	COMP	ETRX	EXTC	IT	MECH	Total no of participants
FY						72
SY						
TY						
LY						
No of Faculty						

Report of event/activity

Competition: Skysparks National Aeromodelling Challenge

Reinvigorated with new found knowledge and enthusiasm, Team Onyx India ventured into the Skysparks. Held in IIT Kanpur from 3rd to 6th March on Techkriti, the problem statement was similar to IIT Kanpur, but the competition as a whole was much stronger. We were able to clear the first round with relative ease, as our pilot, although amateur had concentrated efforts into flying, we were in the top 20 in scores entering into the 2nd round. The second round was a lot more difficult and we were unable to secure a rank due to complex flying skills which were demanded by the flying track.

Sample Photographs of the Event/Activity



K. J. Somaiya College of Engineering, Mumbai-77
(Autonomous College Affiliated to University of Mumbai)

Details of prizes (wherever applicable fill all the entries)

Sr. No.	Name of the student	Department	Details of prize won	Remarks
1	Team Onyx India 2016-17	MECH	--	