Annual Technical Symposium Report   2018- 2019

IEEE SAKEC's Nucleus
Technology revolves here

General Secretary- Siddhant Pokle
General Co-ordinator- Jeet Dagha

NUCLEUS 2018

"NUCLEUS", the Annual Technical Symposium of "Pratishtha 2018" under the banner of IEEE SAKEC was an amalgamation of a wide spectrum of technical aspects ranging from technical events to fun events.It is a 2-day extravaganza conducted on 7th & 8th March,2018 . It was an even t of a vast amount of intriguing technical events where students from various colleges come together to have a fairly amazing experience.

Being an engineering college, "Nucleus" has always been a coveted event among all the others providing ample amount of opportunities for tech-geeks all over the college.Nucleus 2018 commenced with an astounding inauguration made by the technical team which comprised of domino effect using tennis balls,logo reveal of Pratishtha and various elements that displayed "Nucleus,the Annual Technical Symposium of Pratishtha 2018"

The dignitaries graced their presence for the inauguration by motivating students to know the importance of technical skills in the industry and congratulated them for their brilliant efforts for the technical potryal of various events & inventions been showcase for the symposium.

The dignitaries even launched "The annual IEEE SAKEC newsletter-edition 2018" and then took a stroll around the college foyer & the infrastructure observing and rejoicing all the technical events and also having a participation for the few which clearly made a great atmosphere among fellow staff & students.

NUCLEUS 2018 INAUGRATION

NUCLEUS 2018 HAD BEEN DIVIDED INTO DOMAIN BASED EVENTS AS FOLLOWS :

GAMING

SOFTWARE

NUCLEUS
THE TECHNICAL FEST

ROBOTICS TECHNICAL FUN

Nucleus is majorly divided into the following categories:

1. Gaming
2. Robotics
3. Technical
4. Software
5. Fun Events

<u>Gaming</u>: It is one of the most enjoyable part of the symposium which comprises of nerve-wracking online single as well as multiplayer games played both on PC's as well as consoles.Even Mobile Gaming was introduced this year. Some of the noteworthy games include, LAN **GAMING** CS:GO, FIFA 18, DOTA 2,NEED FOR SPEED and mobile games like MINI MILITIA,BOMB SQUAD and CLASH ROYALE.

Robotics: Robotics is the most anticipated and quite often the most rewarding part of Nucleus which draws attention of most of the participants on and off the college campus.

Robowars, to be particular was the signature event of Nucleus 2018 wherein students from Nashik, Aurangabad and Goa participated in this thrilling quest of war between uniquely designed robots.

In terms of participation,Robowars had a hefty amount of participation wherein 16 teams participated making the event a national level event.

The dignitaries also launched the self made playing arena for one of the national level events – Robowars which was one of the highlights of the Nucleus & and Truly was worth witnessing by all.
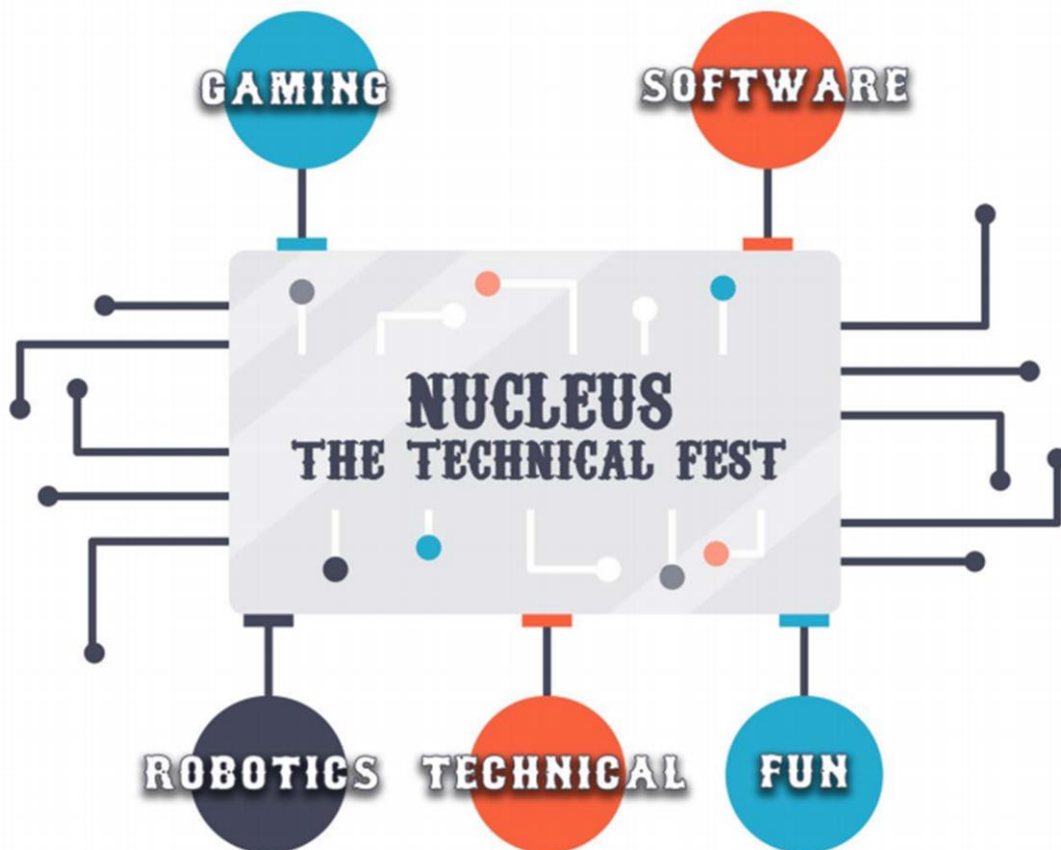
Mahavir Education Trust's

Shah & Anchor Kutchhi Engineering College

Affiliated to University of Mumbai, Approved by D.T.E & A.I.C.T.E. | Awarded 'A' Grade by
D.T.E., M.S. | Provisionally Accreditated by National Board of Accreditation for UG Programs
in Electronics Engineering and Computer Engineering for Two years w.e.f. 06-08-2014

ESTD. 1985

SHAH & ANCHOR

SAKEC

Member of CISQ Federation
RINA
ISO 9001:2008
Certified Quality System
ISO 9001:2008 Certified

The response from the teams and the crowd was overwhelming. Other robotics events include Robo-Soccer, Robo-Sumo, Cam-O-Bot, Confused Bot,Aqua-Bot, Cable Crane and Line Follower bot. Nucleus 2018 was the first time where wireless L2 bots were used for all the events which indeed was the most noteworthy part of the symposium.

Mahavir Education Trust's

Shah & Anchor Kutchhi Engineering College

Affiliated to University of Mumbai, Approved by D.T.E & A.I.C.T.E. | Awarded 'A' Grade by
D.T.E., M.S. | Provisionally Accreditated by National Board of Accreditation for UG Programs
in Electronics Engineering and Computer Engineering for Two years w.e.f. 06-08-2014

ESTD. 1985

SHAH & ANCHOR

SAKEC

Member of CISQ Federation
RINA
ISO 9001:2008
Certified Quality System
ISO 9001:2008 Certified

Technical : Technical events consists of Technical Paper Presentation which gathered around 28 participants all over the Mumbai circuit with an astounding response.It also comprises of Mr.and Ms.Nucleus which is a technical quiz for tech-savvy students in different technical domains.Tech-Expo was also conducted which gave an exposure to students pursuing technical projects and helped them showcase their skills

National level Technical Paper presentation – Technokagaz 2018

Mahavir Education Trust's

Shah & Anchor Kutchhi Engineering College

Affiliated to University of Mumbai, Approved by D.T.E & A.I.C.T.E. | Awarded 'A' Grade by
D.T.E., M.S. | Provisionally Accreditated by National Board of Accreditation for UG Programs
in Electronics Engineering and Computer Engineering for Two years w.e.f. 06-08-2014

RINA
ISO 9001:2008
Certified Quality System
Member of CISQ Federation
ISO 9001:2008 Certified

ESTD. 1985
SHAH & ANCHOR
SAKEC

Software : For all the coding enthusiasts,code-a-thon was a paradise.Complex problem statements were being given and students were given leisure to crack the code using any coding language feasible.
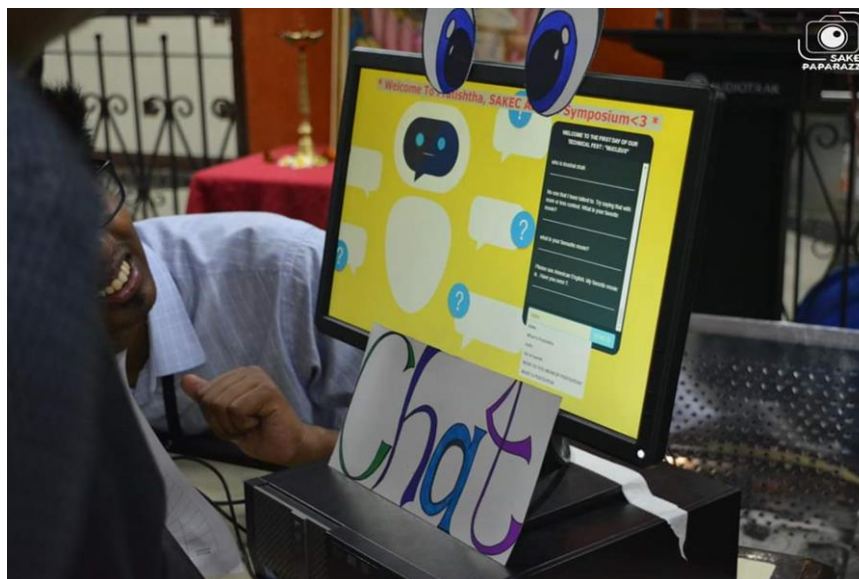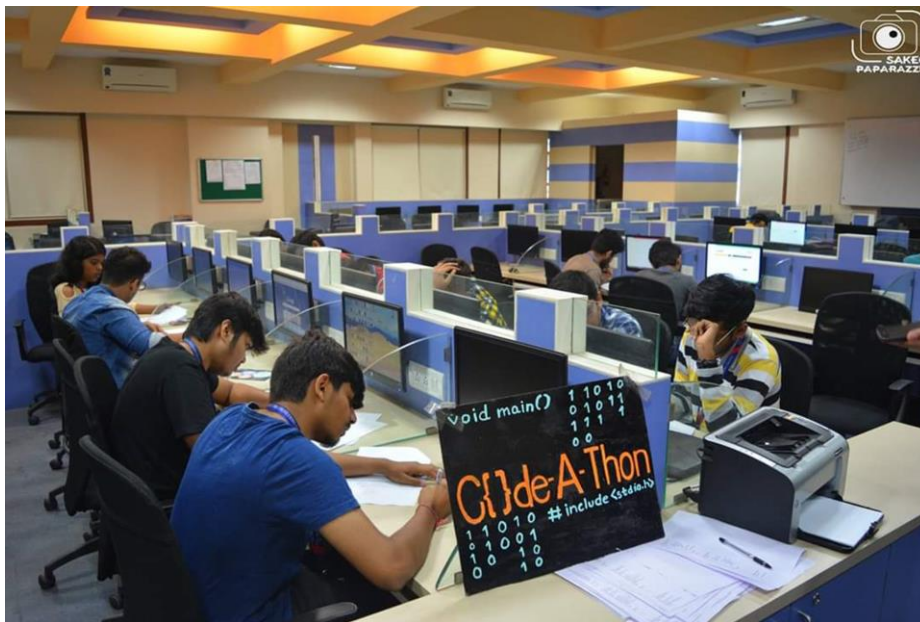
Fun Events: Infusing fun in technical events is the major essence which made Nucleus 2018 a grand hit.A plethora of fun events right from AR Treasure Hunt to Crime Scene Investigation amused students to considerably larger extent.

Laser Tag was indeed a thriller which caught the eye of a huge number of participants.Adding to this amazing list of fun events, Minute-to-Win-It and Blow the components were also been conducted.

Mahavir Education Trust's

Shah & Anchor Kutchhi Engineering College

ESTD. 1985

SHAH & ANCHOR

Affiliated to University of Mumbai, Approved by D.T.E & A.I.C.T.E. | Awarded 'A' Grade by D.T.E., M.S. | Provisionally Accreditated by National Board of Accreditation for UG Programs in Electronics Engineering and Computer Engineering for Two years w.e.f. 06-08-2014

Member of CISQ Federation
RINA
ISO 9001:2008
Certified Quality System
ISO 9001:2008 Certified

SAKEC

THE SCHEDULE FOR NUCLEUS 2018

NUCLEUS 2018 SCHEDULE

Category No	Category	Event Code	Event Name	Time	Place	Category No	Category	Event Code	Event Name	Time	Place
			DAY 1 EVENTS						**DAY 2 EVENTS**		
1	Gaming	N101	Lan Gaming	9am to 5pm	Lab No. 703, 704 and CR No. 73	1	Gaming	N101	Lan Gaming	9am to 5pm	Lab No. 703, 704 and CR No. 73
		N102	Mobile Gaming	9am to 5pm	Foyer			N102	Mobile Gaming	9am to 5pm	Foyer
		N103	VR Gaming	9am to 5pm	Foyer			N103	VR Gaming	9am to 5pm	Foyer
2	Coding	N201	Code - a - thon	12pm to 5pm	Lab No. 612, 613, 614						
								N301	Robo Wars	8am to 5pm	Study Room
3	Robotics	N302	Robo Sumo	9am to 5pm	Foyer	3	Robotics	N302	Robo Sumo	9am to 5pm	Foyer
		N303	Robo Soccer	9am to 5pm	Foyer			N303	Robo Soccer	9am to 5pm	Foyer
		N304	L2 Grandprix	9am to 5pm	Foyer			N304	L2 Grandprix	9am to 5pm	Foyer
		N305	Cable Crane	9am to 5pm	Foyer			N305	Cable Crane	9am to 5pm	Foyer
		N306	Cam-o-bot	9am to 5pm	Foyer			N306	Cam-o-bot	9am to 5pm	Foyer
		N307	Confused Bot	9am to 5pm	Foyer			N307	Confused Bot	9am to 5pm	Foyer
		N308	Aqua bot	9am to 5pm	Stall Space			N308	Aqua bot	9am to 5pm	Stall Space
		N309	Drone	9am to 5pm	Stall Space			N309	Drone	9am to 5pm	Stall Space
		N310	Line Follower	9am to 5pm	Foyer			N310	Line Follower	9am to 5pm	Foyer
4	Technical	N401	Technockagaz	12pm to 5pm	4th Floor Seminar Hall	4	Technical				
								N402	Tech Expo	9am to 5pm	Foyer
								N403	Mr. & Ms. Nucleus	12am to 5pm	PG Room No.1
5	Fun	N501	LASER Tag	9am to 5pm	7th Floor Drawing Hall	5	Fun	N501	LASER Tag	9am to 5pm	7th Floor Drawing Hall
		N502	Minute To Win It	9am to 5pm	Foyer			N502	Minute To Win It	9am to 5pm	Foyer
		N503	AR Treasure Hunt	1pm to 5pm	Foyer						
								N504	Crime Scene Investigation	10am to 1pm	Foyer
								N505	Engineering Marathon	1pm to 5pm	Foyer
		N506	Component Explosion	9am to 5pm	Foyer			N506	Component Explosion	9am to 5pm	Foyer

Mahavir Education Trust's

Shah & Anchor Kutchhi Engineering College

ESTD. 1985
SHAH & ANCHOR

Affiliated to University of Mumbai, Approved by D.T.E & A.I.C.T.E. | Awarded 'A' Grade by D.T.E., M.S. | Provisionally Accredited by National Board of Accreditation for UG Programs in Electronics Engineering and Computer Engineering for Two years w.e.f. 06-08-2014

Member of CISQ Federation
RINA
ISO 9001:2008
Certified Quality System
ISO 9001:2008 Certified

SAKEC

EVENT DETAILS FOR NUCLEUS 2018

Category No	Category	Event Code	Event Name	Sub events	Head	Cohead	Day	Place	Timings for Day 1 7th March	Timings for Day 2 8th March
1	Gaming	N101	Lan Gaming	Counter Strike 1.6 Dota 2 NFS Most Wanted Fifa 18	Siddhesh Dhuri	Preet Gada	Both	Lab 703, 704 and Class room no. 73	9am to 5pm	9am to 5pm
		N102	Mobile Gaming	Mini Militia LUDO King Bomb Squad	Niraj Mishra	Riddik Pankania	Both	Foyer	9am to 5pm	9am to 5pm
		N103	VR Gaming		Komal Gajra	Manpreet Oberoi	Both	Foyer	9am to 5pm	9am to 5pm
2	Coding	N201	Code - a - thon		Rushabh Mehta	Shreyas Nanaware	1	Lab 611, 612, 613; 6th Floor MMS Section	12pm to 5pm	-
3	Robotics	N301	Robo Wars		Manthan Shah	Mohit Bhanushali	2	Study Room	-	8am to 5pm
		N302	Robo Sumo		Nemeen Shah	Amogh Angre	Both	Foyer	9am to 5pm	9am to 5pm
		N303	Robo Soccer		Shivani Surti	Nikhil Sharma	Both	Foyer	9am to 5pm	9am to 5pm
		N304	L2 Grandprix		Ishan Lokhande	Rupesh Saw	Both	Foyer	9am to 5pm	9am to 5pm
		N305	Cable Crane		Arushi Shetty	Saurabh Parekh	Both	Foyer	9am to 5pm	9am to 5pm
		N306	Cam-o-bot		Nishad Rane	Purva Desai	Both	Foyer	9am to 5pm	9am to 5pm
		N307	Confused Bot		Prathamesh Kopkar	Rahul Gupte	Both	Foyer	9am to 5pm	9am to 5pm
		N308	Aqua bot		Usham Sabrawal	Amit Bhosle	Both	Stall Space	9am to 5pm	9am to 5pm
		N309	Drone		Pratik Kadam	Chinmay Yadav	Both	Stall Space	9am to 5pm	9am to 5pm
		N310	Line Follower		Gaurav Rai	Manan Mehta	Both	Foyer	9am to 5pm	9am to 5pm
4	Technical	N401	Technockagaz		Urvi Bhimani	Antara Upadayay	1	4th Floor Seminar Hall, MMS Section	12pm to 5pm	-
		N402	Technical Exposition		Arnika Phatak	Yashashree Khade	2	Foyer	-	9am to 5pm
		N403	Mr. & Ms. Nucleus	i) Technical Quiz ii) Technical Debate iii) Interview	Pawan Pandey	Hrutuja Kurdhunkar	2	PG Room no. 1	12pm to 5pm	-
5	Fun	N501	LASER Tag		Shrenik Damane	Rahul Panda	Both	7th Floor Drawing Hall	9am to 5pm	9am to 5pm
		N502	Minute To Win It		Tejas Pawar	Harshada Debnath	Both	Foyer	9am to 5pm	9am to 5pm
		N503	AR Treasure Hunt		Bhavya Haria	Angad Gosain	1	Foyer	1pm to 5pm	-
		N504	Crime Scene Investigation		Shamika Dumbre	Vinay Shingate	2	Foyer	-	10am to 1pm
		N505	Engineering Marathon		Nemish Doshi	Advait Doshi	2	Foyer	-	1pm to 5pm
		N506	Component Explosion		Unnit Dedhia	Aditya Iyer	Both	Foyer	9am to 5pm	9am to 5pm

A huge number of events and subsequent amount of active participation was the key element in making Nucleus 2018 one of the most decorated successful events of "Pratishtha 2018, The Annual Symposium of Shah and Anchor Kutchhi Engineering College."

Mahavir Education Trust's

Shah & Anchor Kutchhi Engineering College

Affiliated to University of Mumbai, Approved by D.T.E & A.I.C.T.E. | Awarded 'A' Grade by
D.T.E., M.S. | Provisionally Accreditated by National Board of Accreditation for UG Programs
in Electronics Engineering and Computer Engineering for Two years w.e.f. 06-08-2014

ISO 9001:2008 Certified

ESTD. 1985

SHAH & ANCHOR

SAKEC

Lastly, THANK YOU!!