



# Jyothi Engineering College

Reaccredited with NAAC (Grade A) and NBA Programmes\*

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR  
JYOTHI HILLS, VETRIKATTI P.O., CHERUTHURUTHY, THIRISSUR, 679531 | Ph. +91 4884 259000 | info@jpec.ac.in | www.jpec.ac.in



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## Techfest Tharang 2023

### Report

Date: March 31<sup>st</sup> - April 1<sup>st</sup>, 2023

Techfest Tharang 2023, the annual premiere event of Jyothi Engineering College, took place with great enthusiasm and excitement on March 31st and April 1st, 2023. This two-day extravaganza brought together students, technocrats, and enthusiasts from various disciplines to celebrate the blend of technology and culture in a vibrant and engaging manner.

#### Day 1: March 31st, 2023

The event kick-started with an inaugural ceremony. Fr. Thomas Kakkassery, Manager, Jyothi Engineering College, inaugurated the techfest 2023 by presenting the techfest logo. Tharang 2023's technical events commenced with Fr. Dr. Jose Kannampuzha, the Director of Academics at Jyothi Engineering College, inaugurating the program by test-driving an electric vehicle designed and built by a student. Diverse departmental events are launched within their respective venues by the respective Heads of Departments, Some of the highlighted department events are:

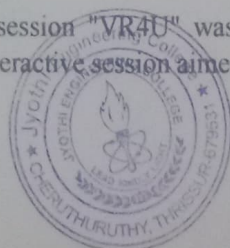
#### Technical Events

The Motor Show conducted by the Mechanical Department at the college ground was a grand event that showcased the brilliance of automotive engineering and the passion for automobiles. The show brought together car enthusiasts, students, faculty, and the local community, creating an atmosphere of excitement and admiration for the world of automobiles.

The workshop on "Introduction to Web3 and Blockchain" conducted by the Artificial Intelligence and Data Science Department was an insightful event that aimed to introduce participants to the fundamental concepts of Web3 and blockchain technology. It provided a comprehensive understanding of these emerging technologies and their applications.

The Civil Expo conducted by the Civil Engineering Department was an impressive event that showcased the innovations, advancements, and achievements within the domain of civil engineering. This expo served as a platform to exhibit various projects, research, and solutions developed by students, faculty, and industry professionals.

The VR hands-on session "VR4U" was organized by the Computer Science Engineering department. This interactive session aimed to provide participants with a first-hand experience



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and understanding of Virtual Reality (VR) technology. The event was designed to introduce students and enthusiasts to the captivating world of VR and its diverse applications in various fields.

The Line Following Competition conducted by the Electrical and Electronics Department was an exciting and challenging event that put participants' knowledge of robotics, automation, and control systems to the test. The competition aimed to foster practical learning and problem-solving skills among students while encouraging healthy competition and teamwork.

The "Eureka 4 Idea Pitching Contest" conducted by the Mechatronics Department was an exciting and innovative event that aimed to encourage students to showcase their creativity, problem-solving abilities, and entrepreneurial spirit. The contest provided a platform for participants to pitch their unique and innovative ideas to a panel of judges and an enthusiastic audience.

The BSNL exhibition conducted by the Electronics Engineering Department provided a holistic view of the telecommunications industry, the role of BSNL as a major player, and the contributions of electronics engineering in shaping the future of communication. It inspired students to explore career prospects in telecommunications and motivated them to innovate in this dynamic and essential field.

Common technical events held on this day were Srishti '23 project expo and Drone show and expo. Srishti '23 Project Expo was held at college auditorium. A total of 23 teams participated in the expo, each representing unique projects from various disciplines such as engineering, computer science, electronics, design, and more. Projects were evaluated by a panel of judges who assessed their technical merits, innovation, and impact. The Drone Show and Expo was an event dedicated to showcasing the latest advancements in drone technology. It offered an engaging experience for drone enthusiasts, professionals, and the general public to explore the world of drones and witness the capabilities of these aerial machines.

## Non - Technical Events

On this day, a common cultural event called "Nrithya 23" was held, which was a dance fest celebrating the rich diversity of dance forms. The event took place at the amphitheatre, providing a scenic and vibrant setting for the performances. The dance fest commenced at 7:00 pm, ensuring a perfect ambiance as the sun began to set and the evening unfolded. The evening time also allowed for a pleasant and comfortable setting for everyone attending the event. Nrithya 23 attracted participation from 8 teams representing various colleges, each bringing their unique style and flair to the stage. Eminent dance experts and choreographers were invited as judges to evaluate the performances. The program concluded at 9:30 pm.

Day 2: April 1st, 2023



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On the second day of Techfest Tharang 2023, the enthusiasm of the crowd remained high as participants and attendees continued to actively engage in the celebrations. The event lineup included a diverse array of technical and nontechnical events held at the department level, offering something for everyone. Some of the highlighted department events are:

## Technical Events

Remote Control (RC) air show organized by Electronics Engineering department took place at the college ground, featuring an exhibition and stunt show. The event showcased both RC helicopters and RC airplanes, delighting the audience with thrilling aerial displays and moves.

The "Backward Brain Cycle" event organized by the Basic Science and Humanities Department was a fun and unique activity that combined physical coordination, cognitive skills, and team spirit. It aimed to challenge conventional cycling norms and create a fun-filled atmosphere that encouraged laughter, unity, and healthy competition.

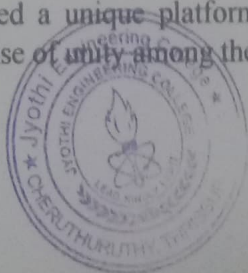
The coding competition conducted by the Computer Science Engineering Department was an exciting and intellectually stimulating event that brought together coding enthusiasts, programmers, and problem solvers. The competition aimed to test participants' coding skills, logical thinking, and ability to solve algorithmic challenges under time constraints.

## Non -Technical Events

"Mind and Matter," a mentalism show conducted by the Computer Science Engineering Department, was an extraordinary event that captivated the audience with mind-bending performances, illusion, and mental tricks. It was a showcase of Anandhu's talent and skills as a mentalist.

The common cultural event held on this day, the pro show featuring a band show and DJ, was a grand celebration of music and entertainment at the college ground. The well-organized event, complete with a fantastic stage and a top-notch sound system, provided an unforgettable experience for all attendees. The college ground was the perfect venue for the pro show, offering ample space for a large audience to gather and enjoy the performances. The pro show kicked off with the band show, where talented musicians fascinated the crowd with their exceptional skills and captivating performances. After the band show, the DJ took over, keeping the energy levels rising. The students were at the heart of the event, and their enthusiasm and enjoyment were evident throughout the show. To complement the performances, the event was incorporated with mesmerizing light displays and visual effects, creating a visually stunning and immersive experience for the audience. The event's successful conclusion at 10:50 pm left the attendees with a sense of happiness and excitement, marking it as a remarkable cultural event in the college's calendar.

Techfest Tharang 2023 provided a unique platform for students to showcase their skills, exchange ideas, and foster a sense of unity among the tech and cultural enthusiasts. The event



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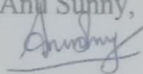


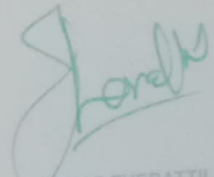
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successfully highlighted the importance of technology in shaping our culture and society, while also preserving and celebrating our cultural heritage.

The organizing team, sponsors, participants, and attendees deserve praise for making Techfest Tharang 2023 a resounding success, leaving everyone eagerly anticipating next year's edition. The event not only promoted innovation and technological advancement but also served as a reminder of the importance of culture in shaping our collective identity.

Dr. Vivek Lukose, Tharang Coordinator 

Ms. Anu Sunny, Tharang Coordinator 



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**Tharang 2023  
Technical Events**

Sl. No	Department	Technical Event	Date	Proposed Venue	Santioned Venue	Staff Coordinator	Student Coordinator
✓	AD	Workshop	31/3/23	Decennial Hall	Insight Hall	Ms.Parvathy Jyothi	Sachin Raj
2	CE	✓ Technical Talk	31/3/23	Decennial Hall	Decennial Hall	Mr.M.G.Cyric	Kiran Svan
		✓ Civil Expo	31/3/23 and 1/4/23	ADM 305	ADM 305, 306	Ms.Neeraja P.G	Anirudh
3	CSE	✓ VR4U	01-04-2023	Insight Hall	Insight Hall	Ms.Anamol C S	Arun K Nair, Arun Krishadas
		✓ Code+	31/3/23	Advanced Network Lab,CSE	Advanced Network Lab,CSE	Dr.Swapna B Sasi	Sanjon Rion,Muhammed Ajmal
4	EC	✓ Orion Arena(Planitorium)	31/3/23 and 01/4/23	S6 EC classroom	S6 EC classroom	Dr.Gaswin Kastro,Ms.Neethu Rose	Sayana,Sreehari V
		✓ RC Air Show	01-04-23	College Ground	College Ground	Ms.Ambily Francis,Ms.Roshni Rajan	Chriswin,Ashban
5	EEE	✓ Line following Robot Competition	31/3/23	Amphitheatre stage	S6 EEE Infront of Auditorim (Car Porch area)	Dr.Shijoh V	Aswin V M
		✗ EV and HV Expo	31/3/23 and 1/4/23	College Ground	Infront of IIC (Staff car parking)	Mr.Navin Sam	Avarnya
6	ME	✓ CAD Competition	31/3/23	CAD Lab	CAD Lab	Mr.Christy , Mr.Manoj Kumar	Abdul Nasik,Dobin
7	MR	✓ Maker's Mart(Pre Tharang)	19/3/23	Fablab	Fablab	Mr.Jinesh K.J	Cheru Ashish Joy
		✓ Eureka 4.0	31/03/23	Fablab	Fablab	Ms.Nyni K A,Mr.Ashik	Benat Jose
		✓ Mechanotronix (Pre Tharang)	11-3-23	IIC	IIC	Mr.Jinesh K.J	Nandakishore
8 ✗	RA	Robo Soccer	31/3/23	ADM 307	ADM 307	Mr.Manikandan N R	Joel Johnson

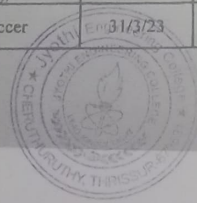
100/-

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Umesh  
10/03/2023

JS  
10/3/23



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9	Common Event	Srishti Project Competition	31/3/23	Auditorium	Auditorium	Ms. Anna Joseph	Nikhil
		Drone Show and Expo	1-4-23	Basket Ball Court	Basket Ball Court	Mr. Anil Antony	Amal Shibu

BSH Backward brain bicycle 31/3/23 1/4/23  
 Infront of T&E Infront of canteen  
 Mr. Tony C.J Abhiram Joseph



*Joseph*

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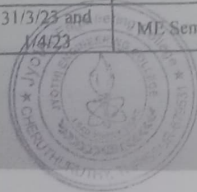
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 10/31/23



**Tharang 2023**  
**Non-Technical Events**

Sl. No	Department	Non-Technical Event	Date	Proposed Venue	Sanctioned Venue	Staff Coordinator	Student Coordinator
1	AD	✓ Virtual Gaming	31/3/23 and 1/4/23	ADM 308	ADM 304	Mr.Shine Xavier	Vivek Shankar,Naveen Wilson
		✓ Razzle Dazzle	31/3/23 and 1/4/23	EEE open space	EEE open space	Ms.Divya Konikkara	Josten S cheeran,Thomas Raju
2	CE	✓ Maze Runner	31/3/23 and 1/4/23	ADM 306	ADM 305 SK CE	Mr.Sahas Nair	John Joseph
		✓ Treasur Hunt	31/3/23 and 1/4/23	Entire College	Entire College	Ms.Anju M J	Vaishav K P
		✓ Penalty Shoot out	31/3/23	College Ground	College Ground	Ms.Soorya M Nair	Joseph P Davis
3	CSE	✓ RC Odyssey	31/3/23	College Ground	College Ground	Mr.Anil Antony	Sanjay Ajay,Abhay Rajeev
		✓ Casa de Carnival	31/3/23 and 1/4/23	EAB 415,416,CSE DEPT classroom	EAB 415,416,CSE DEPT classroom	Mr.Vyshak M,Ms.Jyothsana	Hisham Nissar,Vishu Prasad
		✓ Mind and Matter	1/4/23	Auditorium	Auditorium	Ms.Sajitha	Vishnu das P.S. Kishore
4	EC	✓ Torneo de Futbol	31/3/23	College Ground	College Ground	Sr.Jesna	Amarth S,Agna Abraham
		✓ Carnival Dhamaka	31/3/23 and 1/4/23	Staff car parking old	Staff car parking old	Ms.Saritha P	Jibin Sibi,Ainwarya Hariharan
		✓ BSNL ISRO Exhibition	31/3/23 and 1/4/23	Infront of Girls Hostel	54 EEE Infront of Girls Hostel	Ms.Shiny M I	Bhavana Vijayan,Adhiram A R
5	EEE	✓ Thekkini	31/3/23 and 1/4/23	EEE Seminar hall	EEE Seminar hall	Ms.Aswathy Rajan	Jinto
		✓ Box cricket	1/4/23	college ground	Old staff Car Parking	Mr.Nidhin Johnston	Amal
6	ME	✓ Motor Show	31/3/23 and 1/4/23	college ground	college ground	Mr.Anto, Dr.Cijil	Hamil Sunny,Melvin Pauly
		✓ Forza Evolution	31/3/23	College second gate(upto Hump)	College second gate(upto Hump)	Mr.Thomas Joseph,Mr.Nikhil N.S	Ajay Joseph,Abhijn
		✓ MAYA	31/3/23 and 1/4/23	ME Seminar Hall	ME Seminar Hall	Mr.Sukeesh ,Mr.Sathyadev	Sayooj,Sidharth



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300/-

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*Suma*  
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7	MR	+ Bike Bonanza	1/4/23	Alumini Corner	Alumini Corner	Mr.Sibin Johny	Sanju Sasikumar
		+ Kart Grand Pix	31/3/23	Road infront of Amphitheatre	Road infront of Amphitheatre	Dr.Anandkrishnan	Jince Mathew
		+ Mental sprint	31/3/23 and 1/4/23	Infront of canteen	Infront of canteen	Mr.Johny George	Jeovin George
8 ✓	RA	Through the lens	31/3/23 and 1/4/23	ADM 306	ADM 308	Ms.Athira p Preman	Yadu Prasad
9	BSH	Backward Brain Cycle	31/3/23 and 1/4/23	Infront of TBI	Infront of TBI	Mr.Tony C J	Abishek Joseph
10	Common Event	Photography Competition	30/3/23 and 31/3/23	Online	Online	Mr.Jithin K Jose	Jithin George
		Nrithya	31/3/23	Amphitheatre	Amphitheatre	Mr.Melvin Raj	Arshad M.Aiswarya K

BSH

Escape room

31/3/23

ABN 310

APM 310

Mr. Antony

Erene Sevin

Playtopia

31/3/23

ADM 309

APM 309

Mr. Rich

Sanjath Manoj  
10/10/23

AS  
10/3/23



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