



# *“TechXcelerate 2023: Transforming Tomorrow”*

## *Two Days National Conference on*

### *“STEM and Robotics”*

**Organized by:**

**MSPM's Shri Shivaji Institute of Engineering and Management  
Studies, Parbhani**

**In association with:**

**Dr. APJ Abdul Kalam International Foundation,  
Rameshwaram**

**Event Dates:** 5th and 6th October 2023

**Final Event Venue:** SRM University, Haryana

**Venue:**

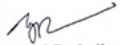
**MSPM's  
Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani-431401**

**Co-ordinator**

**Prof. B. R. Shinde**

**Head, Department of Mechanical Engineering**



  
**Dr. Anand Pathrikar**  
Director  
MSPM's  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.

## Introduction

### Overview of TechXcelerate 2023: Transforming Tomorrow

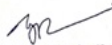
TechXcelerate 2023: Transforming Tomorrow stands as a pioneering endeavour at the forefront of educational innovation, designed to catalyze advancements in Science, Technology, Engineering, and Mathematics (STEM) education, alongside the transformative integration of robotics. This two-day national workshop represents a nexus of expertise, collaboration, and exploration, aimed at reshaping the future of education and technology.

### Significance:

In an era characterized by rapid technological evolution and digital disruption, the significance of TechXcelerate 2023 cannot be overstated. Here are some key aspects highlighting its importance:

- 1. Addressing Educational Challenges:** TechXcelerate 2023 comes at a crucial juncture where educational institutions grapple with the need to adapt to a rapidly changing technological landscape. By focusing on STEM education and robotics, the workshop addresses the pressing need to equip students with the skills and knowledge required to thrive in the 21st century.
- 2. Promoting Innovation and Creativity:** The workshop serves as a beacon of innovation, inspiring participants to think creatively, problem-solve, and explore new frontiers in STEM and robotics. By fostering a culture of innovation, TechXcelerate 2023 empowers individuals to develop novel solutions to complex challenges and drive progress in their respective fields.
- 3. Fostering Collaboration and Networking:** TechXcelerate 2023 provides a unique opportunity for collaboration and networking among educators, researchers, industry professionals, and students. By bringing together diverse stakeholders, the workshop facilitates interdisciplinary dialogue, knowledge exchange, and partnerships that are vital for driving meaningful change and innovation.
- 4. Empowering Educators:** One of the workshop's primary objectives is to empower educators with the tools, resources, and strategies needed to enhance STEM and robotics education in their classrooms. By equipping educators with innovative teaching methods and curriculum development practices, TechXcelerate 2023 aims to inspire student engagement, motivation, and success.



  
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Director  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.

5. **Showcasing Student Talent:** Through student presentations, projects, and research showcases, TechXcelerate 2023 celebrates the creativity, ingenuity, and talent of the next generation of scientists, engineers, and innovators. By providing a platform for students to showcase their work, the workshop encourages them to pursue their passions and contribute to the advancement of STEM and robotics.

### **Objectives of TechXcelerate 2023:**

1. Foster Collaboration and Networking
2. Promote Experiential Learning
3. Explore Emerging Technologies
4. Inspire Creativity and Innovation
5. Empower Educators
6. Showcase Student Projects and Research
7. Address Challenges and Opportunities
8. Catalyze Transformative Change

In essence, TechXcelerate 2023: Transforming Tomorrow embodies a commitment to excellence, innovation, and progress in STEM education and robotics, paving the way for a future where technology serves as a catalyst for positive change and societal advancement.

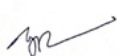
### **STEM Education and Its Importance in Contemporary Education**

STEM education, an acronym for Science, Technology, Engineering, and Mathematics, has emerged as a cornerstone of contemporary education due to its interdisciplinary approach and its focus on critical thinking, problem-solving, and innovation. Stemming from recognition of the increasing importance of these fields in the modern world, STEM education seeks to equip students with the knowledge, skills, and mind-set necessary to thrive in a rapidly evolving technological landscape.

Historically, STEM education has its roots in the early emphasis on science and mathematics education, dating back to the Industrial Revolution. However, it gained prominence in the latter half of the 20th century as society became increasingly reliant on technological advancements. With the advent of the digital age, there was a growing realization that proficiency in STEM subjects was essential for success in a wide range of careers and industries.

In contemporary education, STEM education is seen as more than just the sum of its individual components. It is recognized as a holistic approach to learning that integrates



  
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concepts and skills from multiple disciplines, encouraging students to make connections between different areas of knowledge and apply them to real-world problems. This interdisciplinary approach is particularly valuable in addressing complex challenges such as climate change, healthcare, and cyber security, which require multifaceted solutions.

The importance of STEM education in contemporary education lies in its ability to prepare students for the demands of the 21st-century workforce. In a world where technology is ubiquitous and industries are rapidly evolving, STEM skills are increasingly in demand. STEM education not only equips students with technical skills but also fosters essential skills such as critical thinking, creativity, collaboration, and adaptability, which are highly valued in today's workplace.

Furthermore, STEM education is essential for promoting equity and inclusion in education and ensuring that all students have access to opportunities for success. By providing students with the tools and resources to excel in STEM subjects, regardless of their background or circumstances, STEM education has the potential to narrow the achievement gap and empower individuals to pursue rewarding careers in STEM fields.

In conclusion, STEM education plays a crucial role in contemporary education by preparing students for the challenges and opportunities of the modern world. Its interdisciplinary nature, focus on problem-solving, and emphasis on essential skills make it a cornerstone of educational excellence in the 21st century. As society continues to evolve and technology continues to advance, STEM education will remain vital in shaping the future of education and empowering the next generation of innovators, problem-solvers, and leaders.

## Chief Guests Profiles



of training in Nashik.

### **Shri. Raghunath Khandu Gawade (IAS-2011)**

Shri. Raghunath Khandu Gawade (IAS-2011) is a distinguished civil servant with a rich and varied experience in public administration. Beginning his career in 1995, he was selected for the post of Deputy Collector through Maharashtra Public Service Commission (MPSC). He embarked on his journey with a notable appointment as the Rehabilitation Officer of the Sardar Sarovar Project in Taloda District, Nandurbar, after completing two years

Over the years, Shri. Gawade served in various key positions, including District Supply Officer in Dhule District and roles in Nashik District and Nashik Division. His tenure as Additional Collector at Malegaon and later as the Chief Mela Adhikari for the Kumbh Mela in Nashik showcased his exceptional leadership and organizational skills.

From 2017 to 2020, he served as the Deputy Commissioner (Revenue) and Deputy Commissioner (General Administration) in the Divisional Commissioner's Office in Nashik, contributing significantly to administrative efficiency and public welfare.

His remarkable contributions were further exemplified during his tenure as the Chief Executive Officer of Zilla Parishad, Nandurbar, from 2020 to 2023, where he focused on grassroots development and governance.

Shri. Gawade's exceptional achievements have earned him special recognition, notably for his exemplary planning of the Kumbh Mela in Nashik, which received international acclaim and special awards from the Government of Maharashtra. His expertise was sought after by other states, such as Madhya Pradesh, for guidance in organizing similar events, showcasing his impact beyond his immediate jurisdiction.

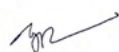


#### **Dr. Indra Mani**

Prof. Indra Mani has been serving as the Vice-Chancellor of Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani (Maharashtra) since 25th July 2022. Prior to this, Prof. Mani served as the Joint Director (Research), Coordinator of the School of Natural Resource Management, Incharge of the Centre for Protected Cultivation Technology (CPCT) and Head Division of Agricultural Engineering at ICAR-Indian Agricultural Research Institute, New Delhi.

During an illustrious career spanning over 30 years, he made exemplary contributions in the area of machinery development for agro-residue management, dry-land agriculture, vegetable mechanization, small farm mechanization and equipment for enhancing fertilizer use efficiency. The technologies developed and upscaled by him have reached more than 19 states in the country. He is also credited to have established Design Innovation Centre in collaboration with Indian Institute of Technology (IIT), Kanpur for developing innovative solutions. He has been coordinator of IARI's NEH in northeastern states (all seven states), TSP (MP) and MGMG (UP, Haryana, Delhi) programme for improving the livelihood of farmers.



  
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As a faculty in agricultural engineering, he taught many courses and guided 30 Ph.D. and 12 M.Tech. Students (both national & international), including CV Raman Post-Doc fellow and Netaji Subhash-ICAR International Fellow. He has published over 150 papers in peer-reviewed national and international journals. Under the guidance and leadership of Prof. Mani, the IARI Crop Residue Management team successfully conducted a record demonstration of the IARI developed Pusa decomposer over 10 lakh acres in the states of UP, Punjab and Haryana in collaboration with the industry.



**Dr. Anand K. Pathrikar, (Director)**

Dr. Anand Kachru Pathrikar is a distinguished academic and industry professional with over 20 years of experience. Currently, he serves as the Principal and an approved Professor at Shri Shivaji Institute of Engineering & Management Studies, Parbhani. Dr. Pathrikar holds a Ph.D. in Electronics Engineering, specializing in the design and anal-

ysis of low-power SRAM using VLSI Technology.

He has held significant academic roles, including positions at Deogiri Institute of Engineering & Management Studies and Savitribai Phule Women's Engineering College. His industrial experience includes a role as a Design Engineer at Instronics, Nasik.

Dr. Pathrikar is a prolific researcher with numerous international and national publications. He is actively involved in professional development and has participated in various workshops and seminars on advanced topics such as Machine Learning and Industry 4.0. His dedication to education and research is evident through his active membership in ISTE and IAENG.



**APJMJ. Sheik Dawood (M. Tech)**

Grand Nephew of Former President Dr A P J Abdul Kalam & Co Founder - Dr APJ Abdul Kalam International Foundation by House of Kalam Rameswaram.

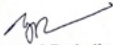
**Dr. APJMJ. Sheik Saleem (MBA)**

Grand Nephew of Former President Dr A P J Abdul Kalam & Co Founder - Dr APJ Abdul Kalam International Foundation by House of Kalam Rameswaram.

## Guest List

Sr. No.	Name of Guest	Designation
1	Shri. Raghunath Gawade (I.A.S.)	District Collector & District Magistrate Parbhani
2	Smt. Ragasudha R.	Superintendent of Police Parbhani
3	Smt. Trupti Sandbhor	Commissioner Parbhani Municipal Corporation
4	Dr. Indra Mani	Hon. Vice Chancellor VNMKV, Parbhani
5	Dr. A. K. Pathrikar	Director, SSIEMS, Parbhani
6	Dr. Dilip Deshmukh	Dean, Science Department, Tilak Maharashtra University
7	Prof. V. Samuel Raj	Registrar, SRM University Delhi NCR, Sonapat, Professor of Microbiology and Biotechnology, Director of Center for Drug Design Discovery & Development (C4D) @SRM University, Haryana
8	Shri. APJMJ Sheikh Dawood	Grand Nephew of Dr. APJ Abdul Kalam & Co Founder of Dr. APJ Abdul Kalam International Foundation by House of Kalam, Rameshwaram
9	Shri. APJMJ Sheikh Saleem	Grand Nephew of Dr. APJ Abdul Kalam & Co Founder of Dr. APJ Abdul Kalam International Foundation by House of Kalam, Rameshwaram
10	Shri. Milind Chaudhari	General Secretary, Dr. APJ Abdul Kalam International Foundation by House of Kalam, Rameshwaram
11	Shri. Ajinkya R. Kottawar	Young Scientist Founder President, Dnyan Foundation, Nagpur
12	Shri. Rohit Deshmukh	Nodal Officer, Indian Institute of Tourism and Travel Management
13	Lieutenant Dr. Saurabh Dixit	Associate Professor, Indian Institute of Tourism and Travel Management
14	Shri. Madhav Salgar	Education Officer (Secondary), Parbhani
15	Shri. Sanjay Sasane	Education Officer (Planning), Parbhani
16	Shri. Ganesh Shinde	Education Officer (Primary), Parbhani
17	Shri. D. John Chelladurai	Professor and Head of Department, Gandhian Studies, MGM University, Chh. Sambhajinagar
18	Shri. Dipak Pawar	Famous Singer and Musician
19	Shri. Meghsham Patki	Director, KNP Computer Institute & Robotic Training, Parbhani
20	Shri. Rajkumar Bhambare	President, TPA Parbhani



  
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 Director  
 Shri Shivaji Institute of Engineering  
 and Management Studies, Parbhani.

## **Volunteers List**

### **1. Event Management Team**

**Coordinator – Prof. B. R. Shinde**

**Volunteers –**

Prathmesh Shivajirao Phulari

Sakshi Vasantryao Yadav

Vaishnavi Babasaheb Phate

Arpita Ramkishan Gunjkar

Ajay Bhimashankar Solanke

Tanaya Manoj Lokare

Samkit Dinesh Porwal

### **2. Stage Decoration And Seating Team**

**Coordinator – Prof. A. S. Wadhwe, Prof. P. B. Kadam, Prof. S. S. Sarpate, Prof. S. S. Siddiqui, Mr. S. M. Garkar, Mr. S. M. Chavan and all peons**

**Volunteers**

Aher Abhishek Rajebhau

Biradar Vishwnath Shivshankar

Katkuri Kalyani Balaji

Renge Kanchan Sudamrao

### **3. Anchoring Team**

**Coordinator – Prof. S. P. Paikrao, Prof. Musaib Rahaman, Prof. P. B. Kadam**

**Volunteers**

Phulari Omkar Sangmeshwar

Bodardkar Vaishnavi Balasaheb

Nabat Fatema

Mirza Maz Ali Baig

Mirza Adil Baig

Omkar Sahebrao Lokhande

Rohit Madhavrao Sontakke

Om Prakash Shinde

### **4. Certificates Team**

**Coordinator – Prof. A. E. Nikam, Prof. R. R. Gunjkar, Prof. M. B. Deshmukh**

**Volunteers**

Hariom Deepak Sonvane



Sakina Fatema

Aysha Amen

Shruti Rajesh Aher

Sakshi Sanjay Nikam

Devshree Anand Pathrikar

Pranav Pradhan

## **5. Stall Arrangement and Crowd Management**

**Coordinator – Prof. A. S. Shaikh, Prof. S. T. Narhire, Prof. V. B. Surkutwar, Prof. Deshvena Yamini, Prof. R. S. Devkar, Prof. S. S. Dahale, Prof. Sayyed H. G.**

**Prof. S. S. Mule**

### **Volunteers**

Syed Saduddin Syed Sharfuddin

Abdul Majeed Abdul Mujeeb

Aher Gayatri Kalyanrao

Aboli Vinodrao Yadav

Zeeshan Khan

Jabiulla Khan

Arsalan Khan

Danish Kazi

Syed Asif

Vaishnavi Ramkishan Chopade

Vaishnavi Ganesh Udavant

Jyoti Ashok Solanke

Supriya Prakash Panchal

Nandini Satish Kadam

Bhagyashri Murlidhar Zirpe

Syeda Bisma Begum Syed

Suryavanshi Rohini Arjun

Shravani Vivek Kokadwar

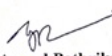
Sharayau Nagorao Solanke

Radhika Uddhavrao Deshmukh

Sanchi Bhimrao Ubale

Mukta Narhari Samale



  
**Dr. Anand Pathrikar**  
Director  
M. D. B. S. S. S.  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.

Asmita Balaji Raut  
Alka Munjaji Fegade  
Shweta Shivaji Ghuge  
Gita Parameshwar Kadam  
Dipali Tukaram Karad  
Sarvadnya Annarao Kshirsagar  
Sakshi Sanjay Burewad  
Saloni Dilip Kankute  
Tejaswini Govind Nagdhare  
Priyanka Ganeshrao Awachar  
Vaishnavi Vishnu Shinde  
Ayodhya Maroti Jadhav

#### **6. Enquiry and Registration Desk**

**Coordinator – Prof. A. A. Chidrawar, Prof. Kpse. J.N., Prof. Divya Panchelwar, Prof. G. S. Shinde, Prof. P. A. Sadavarte**

#### **Volunteers Shaikh**

Aref Hasan Prem  
Bharose  
Shambhavi Somnath Raut  
Shivani Ramesh Lokhande  
Danish Kazi Kazimuddin Kazi  
Keshav Gajendra Rajurkar  
Gaikwad Dhiraj Data  
Subham Dattarao Dalave  
Nikhil Kiran Bharade  
Karan Balasaheb Gaikwad


#### **7. Live Streaming Team**

**Coordinator – Prof. R. S. Devkar, Prof. Dahale Shubham, Prof. Sayyed H. G., Prof. S.S. Mule, Mr. D. S. Mule**

#### **Volunteers**

Mohammad Muzammil  
Maroti Vasant Puskar  
Manisha Kashinath Navale  
Vaishnavi Shasharao Bhakare



  
**Dr. Anand Pathrikar**  
Director  
M. Director's  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.

Omkar Sampatrao Awachar  
Rohit Kailas Rathod  
Krushana Chandrakant Samale  
Abdul Razzak Abdul Rahim  
Vaibhav Sadashiv Bochare  
Arjun Bhaskar Gatlawar

## **8. Refreshment Committee**

**Coordinator – Mr. V. S. Solanke, Mr. S. B. Waghmare**

### **Volunteers**

Raut Rahul Tukaram  
Rushikesh Bharatrao Desai  
Ragani Pandurang Kale  
Mane Abhay Daladhan  
Aadarsh Vujayrao Surye  
Abhay Ramu Gore  
Mahesh Raghunath Abdal  
Rutuja Ramesh Ranjane

## **9. Lodging and Boarding**

**Coordinator – Prof. A. R. Magar, Prof. S. S. Deulkar, Prof. N. M. Bele, Prof. R.R. Kulkarni**

### **Volunteers**

Swati Rameshrao Bulbule  
Shradhha Bansode  
Vyanktesh Kachave  
Vaibhav Chavan

## **10. Water Management**

**Coordinator – Prof. G. S. Shinde, Mr. Vishnu Bombale, Mr. Mukesh Gore**

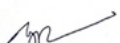
### **Volunteers**

Pathan Saif Khan  
Vishal Zade  
Gita Jadhav  
Mrudula Sanjay Mirge

## **11. Cultural Event**

**Coordinator – Prof. Balu Kadam, Prof. A. E. Nikam**



  
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Director  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.

## **Volunteers**

Md Ahemad

Sandeep Ayewar

Kalpana Rathod

Pranita Wavdhane

## **12. Hospitality of Guest**

**Coordinator – Prof. L. B. Shinde, Prof. S. S. Mule, Prof. Snehal Shelke**

## **Volunteers**

Bhumika Agrawal

Ritika Jadhav

Satyam Mishra

Shravan Gaikwad

## **13. Publicity**

**Coordinator – Mr. S. M. Chavan**

## **Volunteers**

Sanket Kothikhanae

Karan Ingole

Syed Subham

Tejas Dnyaneshwar Malas

Vyavahare Shital Mahadev

Jadhav Vaishnavi Ram

Aditya Vikaram Samale

Manoj Ashok Vaidya

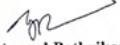
Ajay Namdev Chandane

Kokate Yash Vilas Shriniwas

Ashroba Takat Pranav

Dnyaneshwar Samale



  
**Dr. Anand Pathrikar**  
Director  
SHRI SHIVAJI'S  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.

## Winners List

### ROBOTICS

#### Middle School

First	Second	Third
Ojas Amarram Ghelot Ayush Anand Mumborkar	Amay Karhale Swaraj Sudke Rudra Raut	Sayyad Arsalam Abdul Kadar Tanveer Jamil Jambali

#### High School

First	Second	Third
Farooq Qamaruddin Khan Sujal Mangesh Tawade Raj Anant Kambale Anish Ramchandra Shinde Nikhil Rajendra Chavan Rahul Namdev Kshirsagar	Devshree Anand Pathrikar Hasya Prasad Bharaswadkar Akshada Ravi Rajguru Vaishnavi Prakash Lohar Rohit Anand Pathrikar	Pranjal Prakash Kothekar Aarya Bhagwant Dharmadhikari Sarang Prashant Deshpande Padmarambh Atul Kulthe

#### College

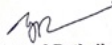
First	Second	Third
Hariom Deepak Sonvane Ritika Vijay Jadhav Bhumika Agrawal Aboli Yadav	Abhishek Patil	Harshvardhan More Sumedh Bhalerao

### POWER POINT PRESENTATION (ROBOTICS)

#### First Prize

Satyashil Rajendra Kankute  
Yadnesh Sanjay Bhambare  
Yuvraj Bhambare  
Snehal Kankute



  
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Director  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.

## STEM WINNERS LIST

### Middle School

First	Second	Third
Kiran Khonde Virag Gangwal Janisha Rathod	Sanskar Deshmukh	Riddesh Chaudhari Arnav Patil Samiksha Patil Abhishek Patil

### High School

First	Second	Third
Sanchit Neval	Nandini Gund Madhura Khadke	Vedant Phulavare Geet Desarda

### College

First	Second	Third
Ksha Shreyan Attapuram Vaishnavi Manchara Sathyandyna Andikuda Maniraj	Hardik Suryawanshi Chinmay Joshi Rajani Harale Deeksha Varade	Dadarao Tambe Shivdhan Shirsole Tejas Magar Vijay Chinchane Vaibhav Chavan

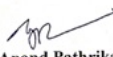


  
Dr. Anand Pathrikar  
Director  
Shri Shivaji Institute of Engineering  
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**TechXcelerate 2023 Program Chief Guests (06/10/2023 @ SSIEMS, Parbhani)**



  
**Dr. Anand Pathrikar**  
 Director  
 SSIEMS  
 Shri Shivaji Institute of Engineering  
 and Management Studies, Parbhani.



**TechXcelerate 2023 Program Inaugural Function (06/10/2023 @ SSIEMS, Parbhani)**



*Dr. Anand Pathrikar*  
**Dr. Anand Pathrikar**  
Director  
M. D. Pathrikar's  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.









# Certificate of Participation

This is to certify

that Sanchit Shankarrao Nehal  
From Rajshi Shahu vidhyalay Nanded Studying at \_\_\_\_\_ Has actively  
participated in the 92<sup>nd</sup> Birth Anniversary Bharat Ratna Dr. APJ Abdul Kalam  
"Transforming Tomorrow: TechXcelerate 2023 & Dr. APJ Abdul Kalam's Enduring  
Vision" National Level STEM and Robotics Competition 2023.

Organized by the 11<sup>th</sup> President of India, Bharat Ratna Dr. APJ Abdul Kalam, and the  
Office of Dr. APJ Abdul Kalam International Foundation, House of Kalam Rameswaram  
in association with the SRM University Delhi-NCR, Sonapat and  
Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani, Maharashtra. Date: 06<sup>th</sup> October 2023

Dr. APJMJ. NAZEMA MARAIKAYAR  
Niece of Dr. APJ Abdul Kalam &  
Managing Trustee AIF - House of Kalam, Rameswaram.

Shri. APJMJ SHEIK DAWOOD  
Grand Nephew of Dr. APJ Abdul Kalam &  
Co-Founder AIF - House of Kalam, Rameswaram.

Shri. APJMJ. SHEIK SALEEM  
Grand Nephew of Dr. APJ Abdul Kalam &  
Co-Founder AIF - House of Kalam, Rameswaram.

Prof. V. SAMUEL RAJ  
Registrar  
SRM University Delhi-NCR, Sonapat

Dr. Anand K. Pathrikar  
Director  
Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani



# Certificate of Participation

This is to certify

that Shravani Madhukar Yesare  
From R. Z. P. School Studying at \_\_\_\_\_ Has actively  
participated in the 92<sup>nd</sup> Birth Anniversary Bharat Ratna Dr. APJ Abdul Kalam  
"Transforming Tomorrow: TechXcelerate 2023 & Dr. APJ Abdul Kalam's Enduring  
Vision" National Level STEM and Robotics Competition 2023.

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Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani, Maharashtra. Date: 06<sup>th</sup> October 2023

Dr. APJMJ. NAZEMA MARAIKAYAR  
Niece of Dr. APJ Abdul Kalam &  
Managing Trustee AIF - House of Kalam, Rameswaram.

Shri. APJMJ SHEIK DAWOOD  
Grand Nephew of Dr. APJ Abdul Kalam &  
Co-Founder AIF - House of Kalam, Rameswaram.

Shri. APJMJ. SHEIK SALEEM  
Grand Nephew of Dr. APJ Abdul Kalam &  
Co-Founder AIF - House of Kalam, Rameswaram.

Prof. V. SAMUEL RAJ  
Registrar  
SRM University Delhi-NCR, Sonapat

Dr. Anand K. Pathrikar  
Director  
Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani



Dr. Anand K. Pathrikar  
Director  
Shri Shivaji Institute of Engineering  
and Management Studies, Parbhani.



# Certificate of Participation

This is to certify

that Soora Saikiran  
From Sri Indu Engg. College Studying at \_\_\_\_\_ Has actively participated in the 92<sup>nd</sup> Birth Anniversary Bharat Ratna Dr. APJ Abdul Kalam "Transforming Tomorrow: TechXcelerate 2023 & Dr. APJ Abdul Kalam's Enduring Vision" National Level STEM and Robotics Competition 2023.

Organized by the 11<sup>th</sup> President of India, Bharat Ratna Dr. APJ Abdul Kalam, and the Office of Dr. APJ Abdul Kalam International Foundation, House of Kalam Rameswaram in association with the SRM University Delhi-NCR, Sonapat and Shri Shivaji Institute of Engineering and Management Studies, Parbhani, Maharashtra. Date: 06<sup>th</sup> October 2023

*APNawaz*  
Dr. APJMJ. NAZEMA MARAIKAYAR  
Niece of Dr. APJ Abdul Kalam &  
Managing Trustee AIF - House of Kalam, Rameswaram.

*J. Sheikh*  
Shri. APJMJ SHEIKH DAWOOD  
Grand Nephew of Dr. APJ Abdul Kalam &  
Co-Founder AIF - House of Kalam, Rameswaram.

*APJ*  
Shri. APJMJ. SHEIKH SALEEM  
Grand Nephew of Dr. APJ Abdul Kalam &  
Co-Founder AIF - House of Kalam, Rameswaram.

*Samuel Raj*  
Prof. V. SAMUEL RAJ  
Registrar  
SRM University Delhi-NCR, Sonapat

*Dr. Anand K. Pathrikar*  
Dr. Anand K. Pathrikar  
Director  
Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani



*Dr. Anand K. Pathrikar*  
Dr. Anand K. Pathrikar  
Director  
Shri Shivaji Institute of Engineering and Management Studies, Parbhani.



# Certificate of Appreciation

This is to acknowledge and commend

to Mr./Mrs. Mohammad Asalaan Sheikh  
From Agragami Convent Wardha For their outstanding commitment to fostering student participation and excellence in the field of STEM and Robotics education in recognition of their continuous support for the 92<sup>nd</sup> Birth Anniversary Bharat Ratna Dr. APJ Abdul Kalam "Transforming Tomorrow: TechXcelerate 2023 & Dr. APJ Abdul Kalam's Enduring Vision" National Level STEM and Robotics Competition 2023.

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*Dr. Anand K. Pathrikar*  
Dr. Anand K. Pathrikar  
Director  
Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani



# Certificate of Appreciation

This is to acknowledge and commend

to Mr./Mrs. Aheer Rajendra Shankar  
From Janta Vidhyalaya Nashik For their outstanding commitment to fostering student participation and excellence in the field of **STEM and Robotics** education in recognition of their continuous support for the 92<sup>nd</sup> Birth Anniversary Bharat Ratna **Dr. APJ Abdul Kalam** "Transforming Tomorrow: TechXcelerate 2023 & Dr. APJ Abdul Kalam's Enduring Vision" National Level **STEM and Robotics Competition 2023**.

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Dr. APJMJ. NAZEMA MARAIKAYAR  
Niece of Dr. APJ. Abdul Kalam &  
Managing Trustee AKIF - House of Kalam, Rameswaram.

Shri. APJMJ. SHEIK DAWOOD  
Grand Nephew of Dr. APJ. Abdul Kalam &  
Co-Founder AKIF - House of Kalam, Rameswaram.

Shri. APJMJ. SHEIK SALEEM  
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Co-Founder AKIF - House of Kalam, Rameswaram.

Prof. V. SAMUEL RAJ  
Registrar  
SRM University Delhi-NCR, Sonapat

Dr. Anand K. Pathrikar  
Director  
Shri Shivaji Institute of Engineering and Management Studies,  
Parbhani



Dr. Anand Pathrikar  
Director  
Shri Shivaji Institute of Engineering and Management Studies, Parbhani.



# Certificate of Appreciation

APTSLV/Pb/W/L/V

Selvan/Selvi ..... Dr. Anand K. Pathrikar .....

In appreciation of His/Her active participation in the  
Event of ..... APIAKSSLV - 2023 .....

Dr. APJ. ABDUL KALAM INTERNATIONAL FOUNDATION  
One Day Workshop at SSIEMS, ACTIVITIES conducted by  
Parbhani.  
HOUSE OF KALAM, RAMESWARAM.

Date: .. 22 Jan. 2023 .....



*APJ Nazema*

**APJM. NAZEMA MARAIKAYAR**  
Managing Trustee - AKIF

*S. Nagaraja*

**APJMS. NAGOOR ROJA**  
Trustee - AKIF

*APJMJ. Sheik Saleem*

**APJMJ. SHEIK SALEEM**  
Trustee - AKIF





# Certificate of Appreciation

APJ Abdul Kalam

Selvan/Selvi ..... *Mr. Sandeep Chavan* .....

In appreciation of His/Her active participation in the

Event of ..... *APJAKSSLV - 2023* .....

Dr. APJ. ABDUL KALAM INTERNATIONAL FOUNDATION

*one day Workshop at* ..... ACTIVITIES conducted by  
*SSZEMS, Parbhani.*

HOUSE OF KALAM, RAMESWARAM.

Date: *.22 Jan. 2023*

**APJM. NAZEMA MARAIKAYAR**

Managing Trustee - AKIF



**APJMS. NAGOOR ROJA**

Trustee - AKIF

**APJM. SHEIK SALEEM**

Trustee - AKIF

