

JSCOE ASSOCIATION FOR
DEVELOPING ENTREPRENEURS

JADE(SECTION 8 COMPANY)
CIN:U85500PN2025NPL239405



JSPMs

Jayawantrao Sawant College of Engineering, Hadapsar, Pune.

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**JADE Section 8 Company, JSCOE ASSOCIATION
FOR DEVELOPING ENTREPRENEURS Director Board**



Name of the Director	Designation
Hon. Mr. Giriraj Sawant, Vice Chairman, JSPM Group	Chairman
Prof. Dr. Sanjay K. Sawant, Campus Director	Member
Prof. Dr. Vasant Bugade, Campus Director	Member
Prof. Dr. Rajendra Kanphade, Principal, JSCOE	Member
Prof. Dr. Priya N. Gokhale, Professor, Incubation Centre In charge	Member
Dr. Pradeep A. Patil, Vice Principal, HOD Mechanical Engg	Member



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JADE Policy and Objectives

- To Create the ecosystem to motivate the entrepreneurship and innovation community of institute
- To enhance the domain knowledge / skills to develop the innovative products /Services for society
- To promote design thinking process among the incubates and provide the platform for speedy commercialization of technology
- To create industry workspace through guidance, mentorship and support of industry
- To promote new technology / Innovation based startups.



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STARTUPS INCUBATED TILL DATE

Name of the STARTUP	CEO/Founder Name	Mentor & Technical Advisor Name
CEREBROSPARK (Mechanical)	Ganesh Thorat	Dr. P. A, Patil Dr. R.D. Kanphade
LONGWOOD VENTURES (Electrical)	Yash Kewale	Dr. R.D. Kanphade Dr. P.N. Gokhale
AQUADROVE (Mechanical)	Ganesh Khose	Dr. R.D. Kanphade Dr. P.E. Kosabe
ELESPA HEV (Mechanical)	Prathamesh Chaudhary	Dr. P. A. Patil
REVONICX TECHNOLOGIC PVT.LTD(Electrical)	YASH KARAPE	Dr. R.D. Kanphade S.P.ARBALÉ



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JADE Facilities for Incubated Startups

- **Workplace**
- **Computing facilities**
- **Printer**
- **Internet connection**
- **Standard Furniture as decided by JSCOE-IIC.**
- **Library: Management Books, Subscription to IT, Business, Management and Trade journals and newspapers**
- **Meeting/Conference room with projection equipment**
- **JSCOE-IIC may facilitate access to institute infrastructure or Laboratories as per norms of JSCOE.**
- **Intern support of only JSCOE students is allowed (Minimum of 50 students per year)**
- **Mentoring and Advisory Services**



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STARTUPS IN PREINCUBATION STAGE

Name of the STARTUP/ Branch	CEO/Founder Name	Mentor & Technical Advisor Name
V-bird AgriMech-R (Mech)	Vishal Rajmane	Prof. Priyanka Barde
ZENOVO Innovations (Mech)	Sagar Bhong	Dr. P.A. Patil, Dr. P. N. Gokhale
Ampere Analytics Pvt. Ltd.(ENTC)	Thorat Yogesh	Dr. S. M. Hambarde
Senso Tech(ENTC)	Saurabh Dhumal	Prof. P.T. Patil



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STARTUPS IN PREINCUBATION STAGE....continued

Name of the STARTUP/ Branch	CEO/Founder Name	Mentor & Technical Advisor Name
CADAIUS Innovations Pvt. Ltd.(Computer)	Tanesh Devhare	Dr. P.D. Lambhate
Aerointel Solutions(ENTC)	Harshwardhan Patil	Prof. N.S. Pingale
Guruji on Wheels(ENTC)	Narendra Kshirsagar	Prof. Trusha R. Wagh
Aerointel Solutions(ENTC)	Harshwardhan Patil	Prof. N.S. Pingale
Net4Grad	Mayank Chaudhari	Dr. P.D. Lambhate /Dr. S.B. Chaudhari



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JADE INDUSTRY WORKPLACE FACILITIES

- **High End Computing facilities**
- **3 D Printer**
- **High End Electronics and Electrical Facilities**
- **Resource Pool for Industrial collaborators**
- **Fab Lab**



Startup 1 - CEREBROSPARK INNOVATIONS

Product : Drone Manufacturing



**Founder: Mihir Kedar, Ganesh Thorat ,
Rushikesh Sonawane [L to R]**

Outcomes (A Y 2023-24)

- Internship for UG students=100+
- Hands on workshops=6
- PBL activity=7
- Mini-Projects=15+
- Competitions=3
- Placement=16+





JSCOE

3.2.1



74

Cerebrospark Innovation LLP



Mentors



Dr. Rajendra Kanphade
Principal, JSCOE Pune



Dr. Pradeep Patil
HOD, Mech, JSCOE Pune



Mr. Prasad Gore
CEO, Auto Cluster Development
and Research



Dr. Mohit Dubey
CEO, AIC-MIT ADT Incubator
Forum



Mr. Prashant Jogalekar
Director, Defence & Electronics at
MCCIA

Owners



Students (Interns) working on the assembly of drone



Proud Moments of Institute

STUDENT STARTUP- CEREBROSPARK INNOVATION PVT. LTD.



The Start Up idea was highly appreciated by Hon. **Shri. Piyush Goyal** (Minister of Commerce and Industry) in the Startup Exhibition at SPPU Feb 2022.



Cerebrospark Innovation signed one year surveillance contract of Rs.3.2 Cr. with Bihar Govt. (Excise Dept.) August 2022.

Innovative Projects/Products

- ❑ **CS-KRISHI** Agricultural- spraying of pesticides.



Spray 1 acre in 5-7 min
90-95% water saving

- ❑ **CS-PRIDE** Photography, Mapping and Surveillance



Photography, Surveillance
Weight 250 grams, Range 2 km

- ❑ **CS-Mamba** Drone for disaster management & surveillance – Deployed in Bihar



Pick & Drop ,Live surveillance
Weight 2kg

- ❑ **CS-Bhim** Drone for explosive delivery for **Indian Army**



Aerial delivery of explosives
Weight 22kg, Range 10 km
Payload capacity 15 kg

- ❑ **CS-BEE** Nano drone for spy & security applications



Military home interventions
Live streaming, Weight: 80 gm
Range 100 m, 90 mm wheel based

- ❑ **Heavy duty 30Kg payload drone** for defence for higher altitudes



Heavy Duty Payload Drone
Weight:70kg, Max take off weight: 230 kg
First in INDIA, Made in INDIA



**KPIT SPARKLE 2022 ,
Winner of Platinum Award, Rs. 10,00,000/-**



Product: Hybrid Electric Vehicle

Founder and
CEO
of FERMI
Automotive
- ELESIPA



**Prathamesh
Choudhary**

www.elespahev.ml
www.elespahev.in
7498378219

**ELESIPA Features
and Benefits**

**Runs 60 km
in just ₹5!**

- Independent and Combined Petrol and Electric Drive.
- Switch to Petrol Engine if Battery runs out.
- Top speed 60 km/hr in Pure Electric Drive.
- In a Single Charge it goes 60 km.
- Double the Mileage with Electric and Petrol Engine, which is 120 km / (charge + liter).
- Portable Battery can be Charged anywhere.
- No changes required in the vehicle for installation.
- Available service stations and 2 years of free service !



ELESIPA
ELECTRIFYING INDIA™

Startup of
Hybrid Electric Vehicle
Manufacturing with Assembly Line



JSPM's
Jayawanttrao Sawant College of
Engineering, Pune

**First ever Assembly Line
in college in India**

ELESIPA Proposed Assembly Line



Making of First Prototype



Patent Document



Startup 2 - ELESIPA



Office of the Controller General of Patents, Designs & Trade Marks
 Department for Promotion of Industry and Internal Trade
 Ministry of Commerce & Industry,
 Government of India



Startup 3 - AQUADROVE

Application Details	
APPLICATION NUMBER	202421070095
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/09/2024
APPLICANT NAME	Ganesh Navnath Khose
TITLE OF INVENTION	A WATER POWERED VEHICLE
FIELD OF INVENTION	MECHANICAL ENGINEERING



Ganesh Khose,
CEO



[Click here to Play Video](#)

Product: Water Powered Vehicle





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Startup 4: V-bird AgriMech-R

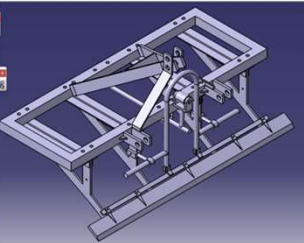
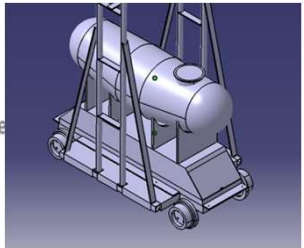
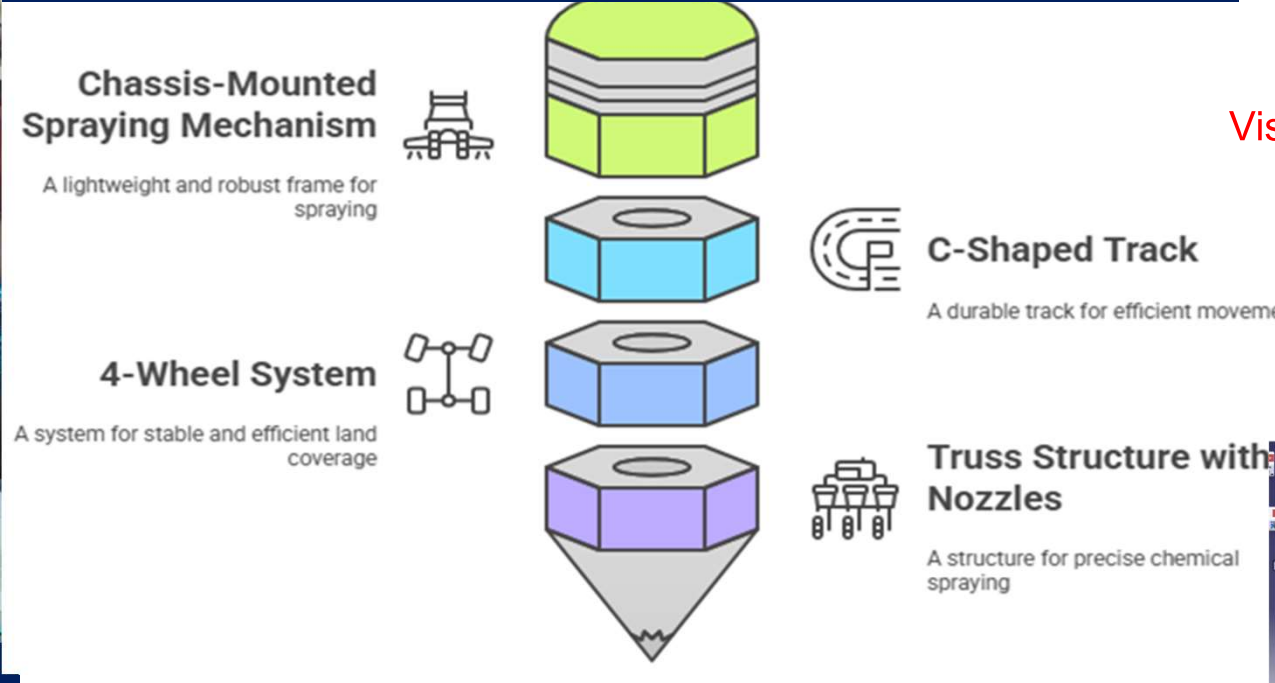


Vishal Rajmane,
CEO



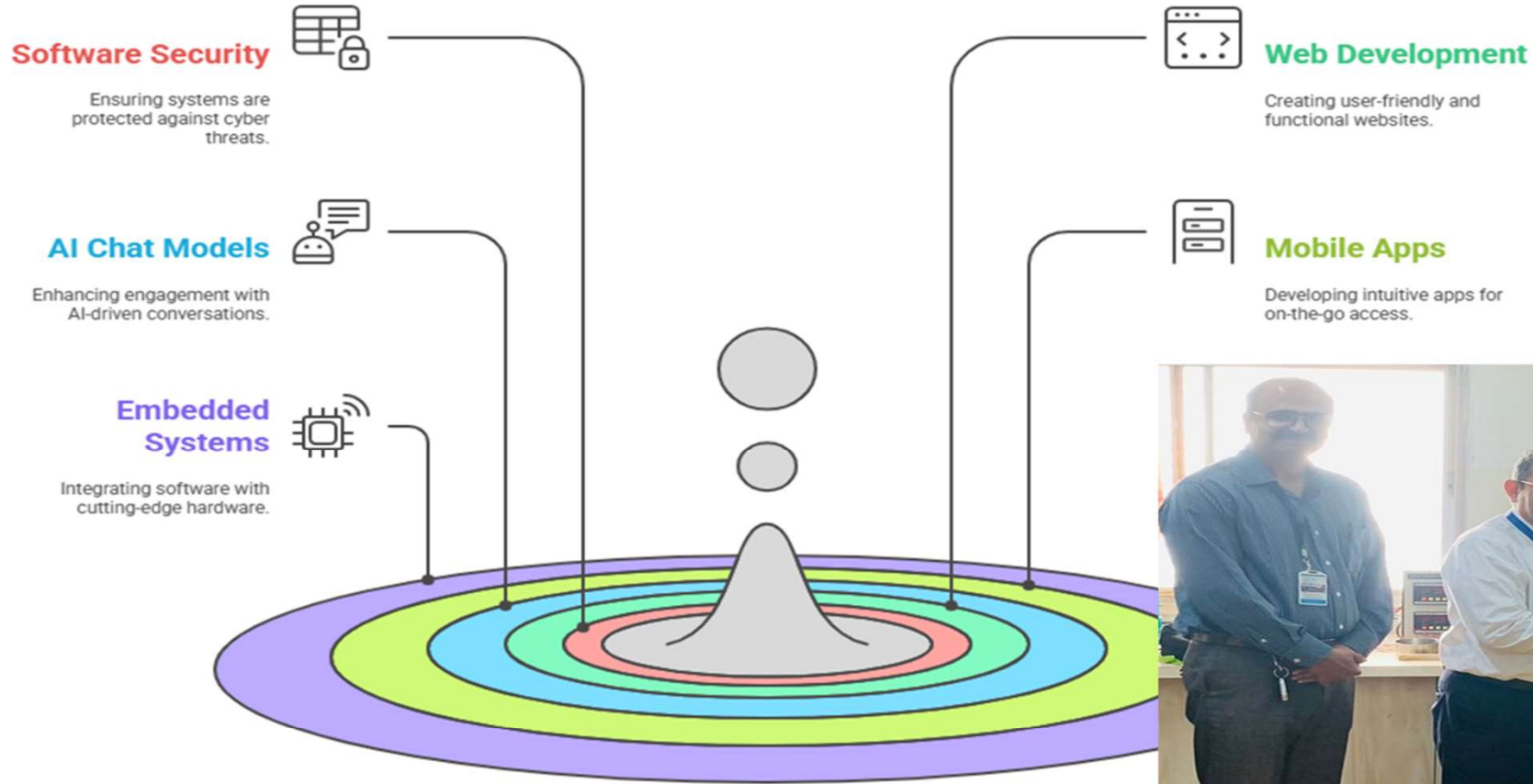
Vishal Rajmane , awarded with Runner Up for his project in "Startup Spark Fest 2k24" held at SM Joshi College Hadapsar

Product:- A MUD REMOVAL MACHINE FOR TRACTOR PLOUGHS



Patent Filed with Application No. 202421102983 dated 25-12-2024 on "AN AUTOMATIC SPRAYING AND IRRIGATION SYSTEM"

Startup 5 - ZENOVA Innovations



Sagar Bhong,
CEO



Sagar Bhong rewarded by Hon'ble Principal Sir For Developing Software for Testing Setup of Thermal Conductivity at high temperature

Product:
Software Development & Solutions



Student Startups Incubated in JADE(Section 8 Company)

YASH KEWALE
FOUNDER & CEO



+91 8485065387



www.cabuks.com



longwoodventures@gmail.com



JSPM'S JSCOE HADAPSAR
PUNE MH 411028



**LONGWOOD
VENTURES PVT LTD**



Mr. Yash Kewale
2025 batch, Electrical
Longwood Ventures
Product: E market place
for Foot ware

Cabuks



Electrical Student Startups Incubated in JADE(Section 8 Company) □



Mr. Yash Karpe,
S.E., Electrical
REVONIX TECHNOLOGIES
Product: Customised Battery
Assembly

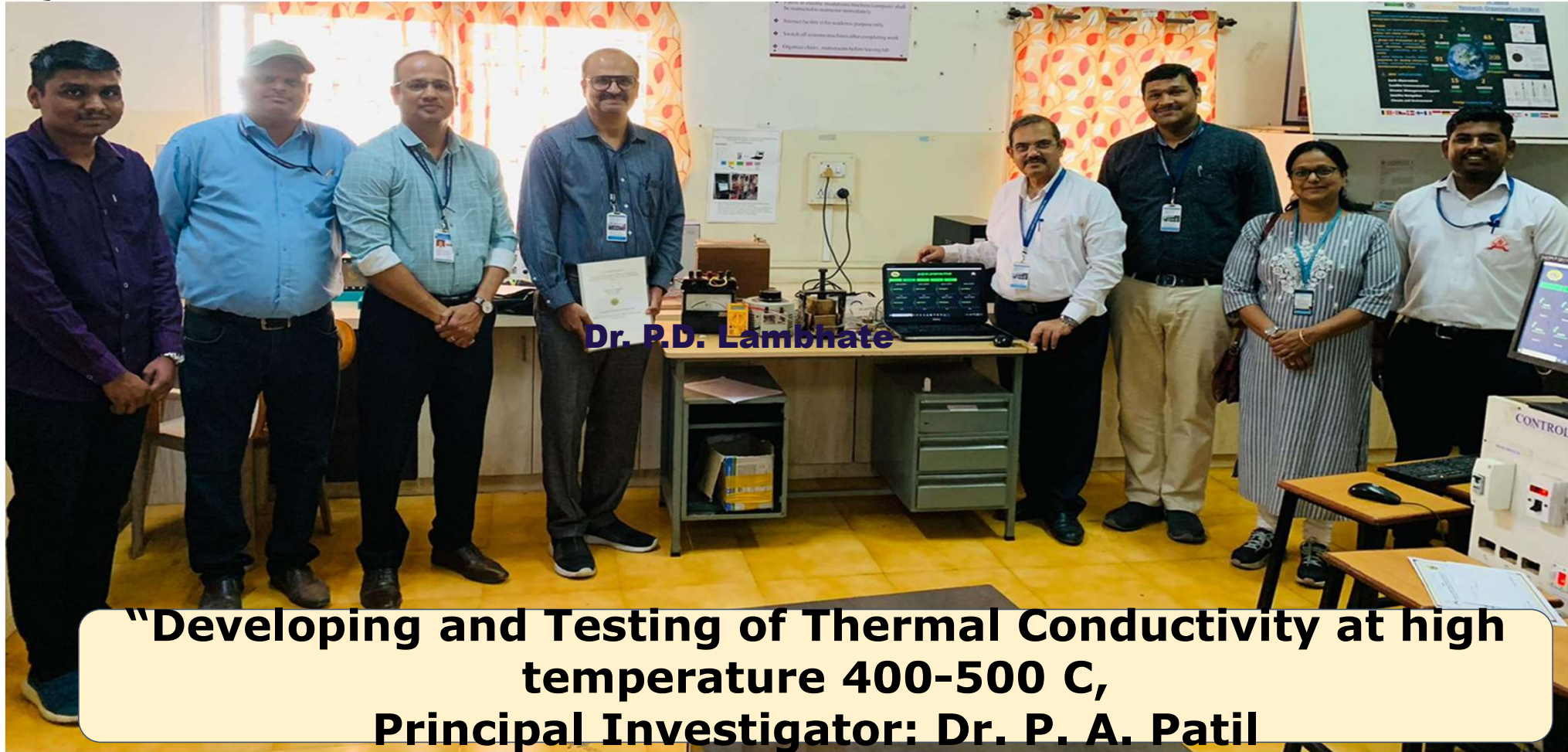


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Consultancy Work



**“Developing and Testing of Thermal Conductivity at high temperature 400-500 C,
Principal Investigator: Dr. P. A. Patil**

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Figure 1: Hardware Model

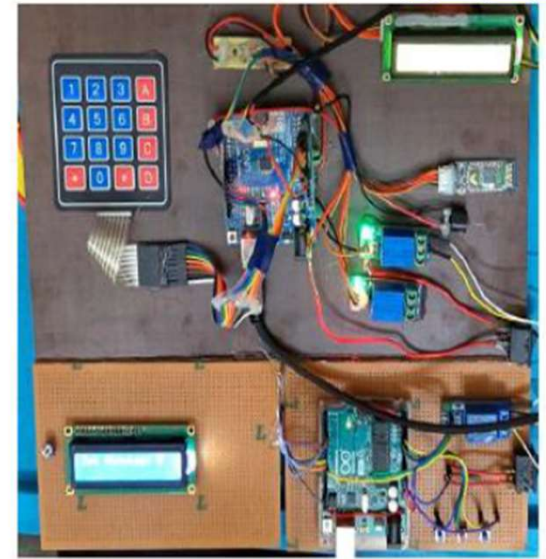


Figure 2: Circuit Board

Smart Shirodhara controller,
Principal Investigator: Dr. Priya Gokhale, Mentor: Dr. R.D. Kanphade, Domain Expert: Dr. Harish Patankar

Proud Moments of Institute

International Project Competition: Indo –Japan



- ❖ Indian Govt Organised **IDEATHON** competition in collaboration with JAPAN Govt on the eve of completion of 75 years the Diplomatic Relation between JAPAN and INDIA.
- ❖ 20 students from India & 20 from Japan were shortlisted for 900km long road trip International Hackathon (Sep 2022).
- ❖ Won 2nd Prize at Hack the Innovative Future **IDEATHON**.
- ❖ Sanyam Surana (student) of JSCOE from Maharashtra was shortlisted.
- ❖ Appreciated by Mr. Raman Narula, Managing Director, Formula Group



Proud Moments of Institute

All India Hackathon 2019



AICTE CHHATRA VISHWAKARMA AWARD 2019 – Winners

Students felicitated by:
Mr. RAMESH POKHRIYAL, HRD MINISTER, GOVERNMENT OF INDIA
Dr. ANIL SAHASRABUDHE, CHAIRMAN, AICTE, NEW DELHI

Left to right Siddhaya Mathpati | Dr Dattatray Waghole | Pratik Ghodake | Shri Ramesh Pokhriyal, HRD Minister, Government of India
Shri Anil Sahasrabudhe, Chairman, AICTE | Swapnali Kharat | Bhunesh Argnoor



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Shri Anil Sahasrabudhe, Chairman, AICTE | Swapnali Kharat | Bhunesh Argnoor

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Proud Moments of Institute

Ayush Startup challenge 2022

'Ayush Start-up challenge' 1st place winner in Ayush Bio-instrumentations Category
JSPM'S Jayawantrao Sawant College of Engineering



Team members: Dr. R. D. Kanphade, Dr. Harish Patankar, Dr. Priya Gokhale, Dr. Shailesh M. Hambarde,
Dr. Anuja Gokhale, Ms. Jyoti Satpute (B.E. Elect.) & Ms. Halima Shaikh (T.E. E&TC).

Proud Moments of Institute

TEAM Members



Dr. R. D. Kanphade ,
Mentor & Technical Expert



Dr. Harish Patankar,
Domain Expert, Director, Keshayurved, Pune



Dr. Priya Gokhale,
Technical Expert



Dr. Shailesh Hambarde,
Technical expert



Dr. Anuja Gokhale,
Junior Safety Data Analyst



Miss Jyoti Satpute,
BE Electrical (Student)



Miss Halima Shaikh,
TE ENTC(student)

Ministry of Ayush- AIIA - Start up India & Invest India

**Ayush Start up Challenge 2022,
Innovations in the Ayurveda Sector**

**Ayush Bio-instrumentation category
"Swedan Peti Controller"**

- Total 4 lakh entries in all three categories
(@ 1 lakh in Bioinstrumentation category)

1st Prize in the category of Ayush

Bio-instrumentation

(Interdisciplinary team of Doctors and Engineers)

1,00,000 visitors visited our stall



Proud Moments of Institute

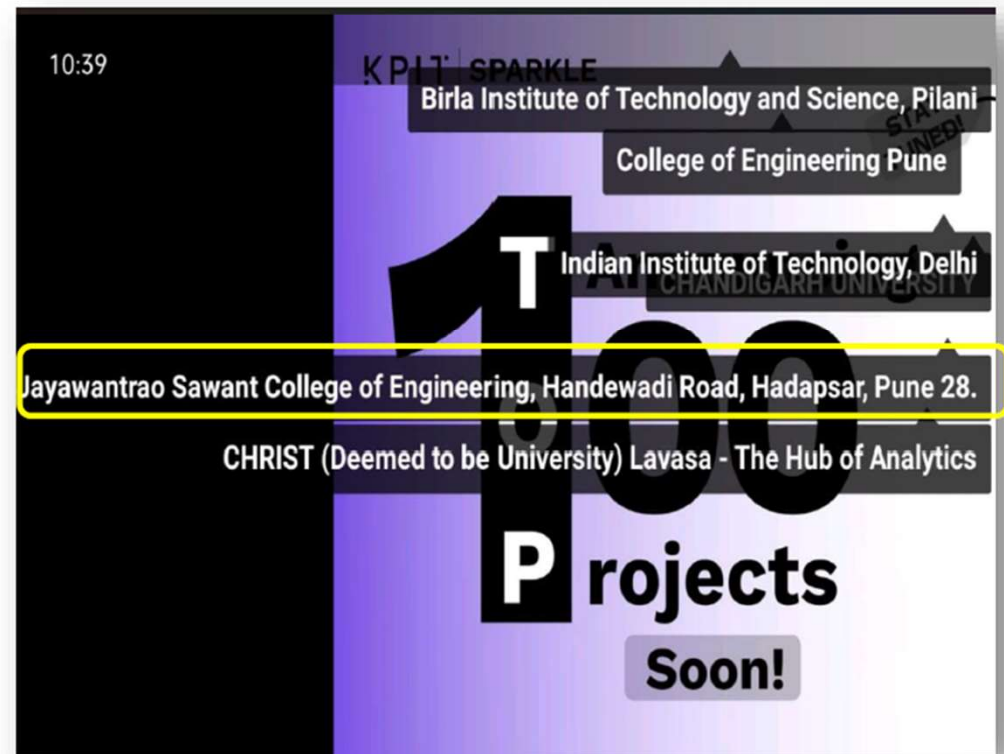
Ayush Startup challenge 2022



Team members: Dr. R. D. Kanphade, Dr. Harish Patankar, Dr. Priya Gokhale, Dr. Shailesh M. Hambarde, Dr. Anuja Gokhale, Ms. Jyoti Satpute (B.E. Elect.) & Ms. Halima Shaikh (T.E. E&TC).

Proud Moments of Institute

Achievement in National Project Competition: KPIT 2020-21 Maximum Participation



- ❖ 67 Teams of JSCOE participated
- ❖ 5th Position in Maximum Registration All over India

- ❖ 13 Teams of JSCOE in Top 100 Teams
- ❖ 4th Position in Top 100



Proud Moments of Institute

Achievement in National Project Competition: KPIT 2021-22

KPIT | SPARKLE

LOGIN REGISTER NOW

Kongu Engineering College, Perundurai
Jayawantrao Sawant College of Engineering, Pune
Sri Krishna College of Engineering and Technology, Coimbatore
CSMSS Chh. Shahu College of Engineering, Aurangabad
Academy of Technology, Hooghly

Top five colleges with maximum idea submissions
Submit your ideas **NOW** to get your college in the top 5.

KPIT | SPARKLE

LOGIN REGISTER NOW

Kongu Engineering College, Perundurai
Jayawantrao Sawant College of Engineering, Pune
Sri Krishna College of Engineering and Technology, Coimbatore
CSMSS Chh. Shahu College of Engineering, Aurangabad
Academy of Technology, Hooghly

Top five colleges with maximum idea submissions
Submit your ideas **NOW** to get your college in the top 5.

- ❖ 52 Teams of JSCOE participated
- ❖ 2nd position - Maximum Registration All over India
- ❖ 10 Teams selected in Top 100 Teams





Proud Moments of Institute

Achievement in National Project Competition: KPIT 2021-22 Awards



KPIT SPARKLE 2022

Team of Mechanical Dept.
“Elespa HEV”
won Platinum Prize of Rs.10 Lakh.

Team of Computer Dept.
won 1st Prize of Rs. 2 Lakh
“Abhinavi Award” Best Female Entrepreneurs

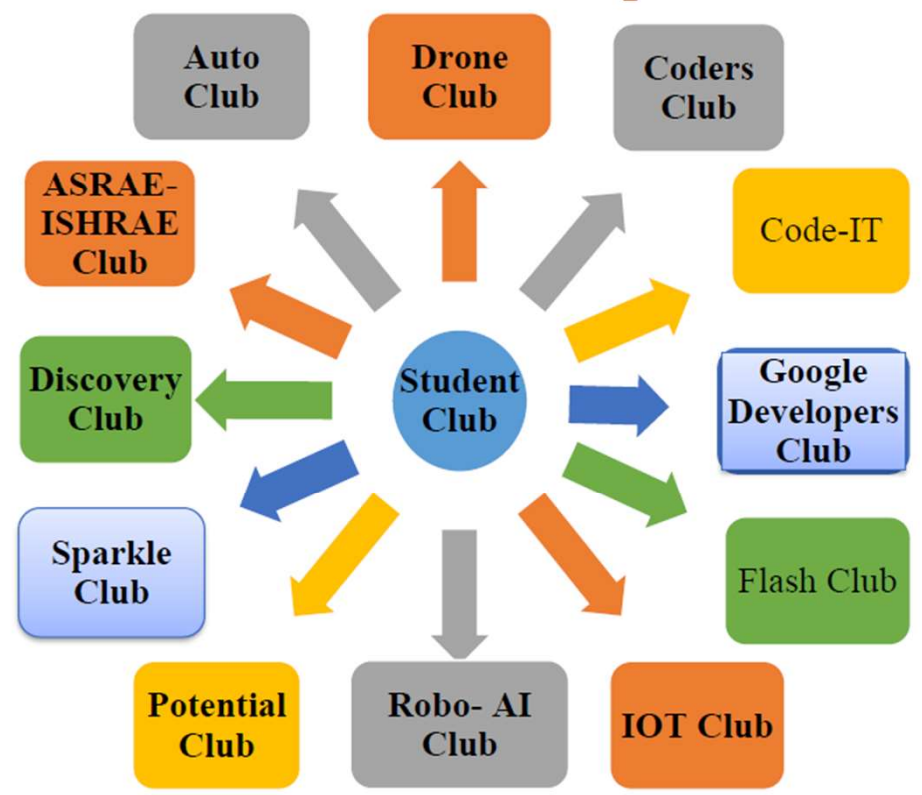




Ganesh Khose & his Team Won First Prize on 24/2/2025 with Rs 2 Lakh for their Innovative Project AQUADROVE in National Level Techathon 2.0 organized by Innovation Foundation held at AISSMS



Ecosystem for Innovation



Number of Competitions Participated : 140+
 Award/ Prizes received in Competitions: 70+
 Prize Amount : 29 Lakhs

Impact of Student Club Activities

Student Teams Participation in National/International Level Competitions

Dept	2018-19	2019-20	2020-21	2021- 22	2022- 23
FE	-	-	-	13	
Computer	47	103	78	49	59
IT	3	0	2	5	9
Mech.	3	18	6	5	6
Electrical	9	38	20	5	6
E&TC	22	21	41	47	34
Total teams	84	180	147	124	114
Teams in top 100	11	12	13	7	10

Number of students Placed : 76
 Paper Publications : 60+
 Patents Published : 8
 (National & International) Granted : 4



IOT Innovation Club



IoT Club

INCUBATION PARTNER
iCreate



IDEA PITCHING AT
iCreate, Gujarat



Rs. 10 Lakhs Sanctioned for Prototype Development by iCreate through Spark-up Scheme, Ahmedabad, Gujarat





IOT Innovative Club

Innovative Products



Smart Stretcher cum wheel Chair



EV cum Wheel Chair for Physical Handicapped Person



Multi-purpose EV for Farmers



EV for Food Delivery Physically Challenged Person

Achievement In National Project Competition: Quest Ingenium 2023



- ❖ Teams registered for QuEST Ingenium from India – **1816 teams**
- ❖ Teams registered from JSCOE – **78+ Teams**
- ❖ Team selected in Top 30 teams from JSCOE – **03**
- ❖ Teams shortlisted in Grand Finale (Top 10 Teams) – **01**



- ❖ JSCOE Team won the First Prize Rs. 1,50,000
- ❖ Also won Best Project Award
- ❖ Europe Free Tour Kochi To France, for all winners by Alstom & QuEST global Pvt.Ltd
- ❖ Internship & Placement offer for all team members from Alstom & QuEST global Pvt ltd

