

Innovations Activities details during 2021 to 2026:

Amrutvahini Innovation and Incubation Center (AIIC) Activities details:

Academic Year 2025-26:

| Sr. No. | Name of Activity | Date |
|---------|--|--------------------------|
| 01 | Angel /VC Funding Opportunity for Early stage Entrepreneur | 15/07/2025 |
| 02 | Two Days workshop Mastering MSME | 28 & 29/08/2025 |
| 03 | Pitching Symposium on Pitch Perfect 2.0 (Business Idea Pitching Competition) | 25/08/2025 |
| 04 | One Day Orientation Workshop on Entrepreneurship Awareness Programme (EAP) in association with Ministry of MSME for all department SE and TE Students (2200 app) | 07/10/2025 to 11/10/2025 |
| 05 | Illuminate: Empowering the Next Generation of the changers (In Association with E Cell IIT Bombay) | 15/10/2025 |
| 06 | NEC 2025 Finals at E-Summit, IIT Bombay attended by 14 students of AVCOE. | 10/12/2025 |
| 07 | SPPU Start-up Talk Series – Conversation with young Entrepreneur Speaker: Mr. Ranjit Varpe Founder & CEO of Suprabha Polymers & Engineers. | 20/02/2026 |
| 08 | SPPU Start-up Talk Series – Conversation with young Entrepreneur Speaker: Mrs. Smita Mane-Shinde Director, Shirley Plus Pvt. Ltd., Nashik. | 26/02/2026 |

Academic Year 2024-25:

| Sr. No | Name of Activity | Date |
|--------|---|------------|
| 01 | Startup Registration Nurtifreak Superfood Pvt. Ltd., Sangamner by Mr. Roshan Aaglawe, student of BE Computer | 20/07/2024 |
| 02 | E-Cell formation in Association with IIT Mumbai | 10/08/2024 |
| 03 | Udymita Diwas Celebration | 21/08/2024 |
| 04 | Commodity Derivatives Market | 09/09/2024 |
| 05 | Business Model Idea Pitching Symposium, Pitch Perfect | 03/10/2024 |
| 06 | Jagruti Yatra attended by Mr Prathamsing Patil | 21/11/2024 |
| 07 | How to Pitch Business Idea by Mr. Shrikant Patil | 06/03/2025 |
| 08 | “Raising Capital & Managing Finance for start-up” | 11/04/2025 |

Department of Automation and Robotics Engineering

Students' Achievement (Project Winners, Hackathon Winners, Ideathon Winners, etc.)

| Sr. No. | Project Title/Idea Title/Start up Title | Team Members | Guide/Mentor | Institute with Department (where prize received) | Prize | Position |
|---------|---|---|-----------------------|---|----------------|--|
| 1. | SAE Tifan Competition | 1. Pramod Kakade 2. Sairaj Ingale 3. Vaishnavi Shinde 4. Aniket Shelke 5. Sakshi Torkad | Dr. N.S. Khemnar | SAEINDIA TIFAN | Rs. 1,00,000/- | First |
| 2. | Autonomous System for Smart Agriculture Monitoring & Harvesting | 1. Kokane Shital, 2. Gore Akanksha, 3. Bharitkar Aarti, 4. Darade Roshni | Dr. V.B. Shinde | AVCoE | Rs. 5,000/- | First |
| 3. | Cup Holder 3D Printed | 1. Vinayak Kanawade 2. Rushikesh Boste | Prof. S. N. Gadhave | Guru Gobind Singh College of Engineering & Research Centre, Nashik. | Rs. 800/- | First |
| 4. | Shortest Path Find | Krushna Sanjay Shinde | Dr. V.S. Gadakh | AVCoE | Rs. 1,000/- | Second |
| 5. | Plant Disease Detection | 1. Sanket Kalhapure 2. Sharvari Borkar | Dr. V.S. Gadakh | AVCoE | Rs. 1,000/- | Second |
| 6. | Digital transformation of INBT Delivery challan for IDTO | 1. Kartik Phatangare 2. Mohit Ghegadmal, | Prof. P. B. Wakchaure | Distribution Solutions, ABB India Limited | Trophy | 2nd Position, under the Program of ABB & |

| | | | | | | |
|----|------------------------------------|---|---------------------|-------|--|---------------------------|
| | | <p>3. Aditya Patil,</p> <p>4. Poonam Shinde,</p> <p>5. Vaishnavi Chinchane.</p> | | | | University's Young Talent |
| 7. | DIY Steering wheel gear for gaming | <p>1. Suryajeet Y. Bandal (team leader)</p> <p>2. Sarthak V. Indalkar</p> <p>3. Rohit M. Nikam</p> <p>4. Siddhartha Banderu</p> | Prof. S. N. Gadhave | AVCoE | | Best Innovation |

Certificate Proof:

| Sr. No. | Certificate |
|---------|---|
| 1. | <p>TIFAN26 CHAMPION</p> <p>SAEINDIA TIFAN SAEINDIA</p> <p>CERTIFICATE OF RECOGNITION THEME : AUTOMATED MULTI-VEGETABLE TRANSPLANTER</p> <p>THIS CERTIFICATE IS AWARDED TO:</p> <p>Mr. <u>Kakade Pramod Mahadev</u> representing team <u>Team Mavericks & A</u> with team ID <u>TIFAN2026-028</u>, for winning TIFAN26 Champion Award in 8th Edition TIFAN (Technology Innovation Forum for Agricultural Nurturing) 2026 TIFAN Finals held on Apr 2nd & 3rd, 2026.</p> <p>DR. C. NAGARAJAN President, SAEINDIA MS. SHEETAL KOLTE Convener, SAEINDIA TIFAN 2026</p> <p>SUPPORTED BY</p> <p>GOLD SPONSOR JOHN DEERE SILVER SPONSOR ARAI BKT BRONZE SPONSOR ARAI BKT PROMOTIONAL SPONSOR</p> <p>ASSOCIATE SPONSOR EVENT SPONSOR</p> |



2.



3.



4.



5.



6.





Department of Information Technology

Project/Idea/Startup Winners

| Sr.No. | Name of Dept. | Project Title/Idea Title/Start up Title | Team Members | Guide/Mentor | Institute with Department (where prize received) | Prize | Position |
|--------|---------------|--|---|-------------------------------------|--|-----------|--------------------------|
| 1 | IT | AI Bhoomi Startup | Dhiraj Dahale | Prof. S. C. Deshmukh | Pune | ₹2.25L | 2nd place |
| 2 | IT | Farm-Level Yield Estimation Using Very-High Spatial Resolution Data and Robust Crop Models | 1. Dhiraj Dahale 2. Ms.Gauri Chature | Dr. B. L. Gunjal | Smart India Hackathon 2025 | ₹1,50,000 | 1st price |
| 3 | IT | Startup Pitch | Prashil Dalvi | Dr. B. S. Borkar | Sanjivani Engineering College | 15000 | 1st prize |
| 4 | IT | Innovation Pitch Competition | Prashil Dalvi | Prof. P. S. Hase/ Prof. R. A. Hande | AVCOE Sangamner | 1200 | 1st rank |
| 5 | IT | AI based Project at HACKSPECTRA 2.0 Hackathon 2026 | Mr.Aditya Patil | Dr. A. V. Markad | MGM's Engineering College, Nanded. | 30000/- | first Runner-Up position |



Amrutvahini Sheti & Shikshan Vikas Sanstha's

AMRUTVAHINI COLLEGE OF ENGINEERING

AN AUTONOMOUS INSTITUTE | SANGAMNER - 422608



DEPARTMENT OF MECHANICAL ENGINEERING

HEARTY CONGRATULATIONS

WINNER OF SAE TIFAN 2026

Team **MAVERICKS 8.0** (Mech. and A&R) delivered a standout performance & securing **First Prize ₹1,00,000/- & Champion Trophy**



- Award Title -

Best Cost-Effective Prototype Award
Milestone Achievement Award
Robust and Reliable Prototype Award

WINNER OF SAEINDIA REEV 2026

Team **TURBO TITANS** delivered a standout performance, securing **First Prize ₹1,00,000/- & Champion Trophy**



AWARD FOR

ISIE E-BIKE CHALLENGE - 2026

Team **BRAHMA** (Mech. and E&CE) secured Two Prestigious Awards 1) **Future Award**
2) **Best Acceleration Award**



- Award Title -

Best Acceleration Award
Future Award

**Best Wishes From Management,
Principal, HoDs, Mentor & Faculty ...**



DEPT. OF ELECTRONICS & COMPUTER ENGINEERING

1. Winner of IDE Bootcamp at Anantapur (Andhra Pradesh) Team Navexaocean From Department Of Electronics & Computer Engineering under the guidance of Innovation & Incubation Center Secured First Prize Of ₹2,00,000/- Startup Funding Commitment From The, Chairman Of SSE Group, Ministry of Education & AICTE.

Team Member : Atharva Chaudhari (Founder & Team Leader) Manaswi Badakh, Niranjana Aher & Avantika Chaudhari all from TE- E&CE



ప్రజాశక్తి

యువతకు అపారమైన అవకాశాలు

ఎన్ కె యు వి సి జ్యోతికమార్

మరుగుబాటు చెందిన వారి ఉండేవారని కానీ నేను అలాంటిది లేకున్నా విద్యతోనే ఈ అవకాశాలు అందిస్తున్నామంటున్నారని చెప్పారు. రేక విదేశాల్లో ఎక్కువ శాతం 30 నుండి 40 సంవత్సరాల యువత యువతులు వ్యాపార, పారిశ్రామిక రంగాల్లో ఆపారమైన ప్రతిభను సాధిస్తున్నారని, మనం చదువుతున్న కళాశాలలో ఎన్నో ప్రయోగాలు మినూత్ను పద్ధతులు, అవకాశాలు తీర్చిస్తున్నారని, ఎన్నో యూనివర్సిటీలో స్టూడెంట్ల డెవలప్మెంట్, తదితర క్షేత్ర కేంద్రాలు కూడా ఉన్నాయని వాటినుండి మంచి భవిష్యత్తు పొందవచ్చనని తెలిపారు. ఆనంతరం సంస్కృతి ఇంజనీరింగ్ కళాశాల విద్యార్థులు షార్ట్ ఆఫ్ నెట్ సంస్కృతి ప్రయోగం పూర్తిచేసి, తనూజ మిమల ఆర్ట్స్ అండ్ థియేటరు సీనియర్ కాలేజ్ వైస్ చాన్సలర్లకు పేషంట్లను వివరించారు. ఆయనలో ఉమ్మడి ఆనందపురం జిల్లాలో ఎక్కువ శాతం పండ్లు తోటలు పెంచుకోనే లక్షణ ఉన్నారని పండించిన పంటను సరైన మార్కెట్టు, గిట్టుబాటు దరలు లేక ఇబ్బందులు పడుతున్నారని, కొంత సరుకు అమ్ముకోగా మిగిలింది పాలవెస్తున్నారని అందువలన ఇక్కడ పండి మామిడి బొప్పాయి, ఉమెతా వాటి ప్రకారం సంబంధించిన ఫుడ్ తయారుచేసి దానిని ప్రజలు మరియంగానే మరంగా తయారు చేయాలన్న అంశపై వారు వైస్ చాన్సలర్లకు వివరించారు. ఈ కార్యక్రమంలో సంస్కృతి ఇంజనీరింగ్ కళాశాల ప్రిన్సిపల్, సిబ్బంది పాల్గొన్నారు.

ప్రజాశక్తి - పుట్టపర్తి రూరల్

గతం కంటే యువతకు విద్యార్థులకు విద్య, ఉద్యోగ, ఉపాధి, వ్యాపార రంగాల్లో ఆపారమైన అవకాశాలు ఉన్నాయని ఎన్నో యూనివర్సిటీ వైస్ చాన్సలర్లు ఎం వి ఆర్ జ్యోతికమార్ తెలిపారు. ఈ మేరకు ఆయన శుభ్రవారం పుట్టపర్తి సంస్కృతి ఇంజనీరింగ్ కళాశాలలో నిర్వహించిన బూట్ క్యాంప్ శిక్షణ కార్యక్రమం ముగింపు సమావేశంలో పాల్గొన్నారు. ఆనంతరం ఆయన మాట్లాడుతూ రేక విదేశాల్లో కొత్తగా వ్యాపార , పారిశ్రామిక రంగాల్లో యువత ఎక్కువ శాతం అవకాశాలు చేతిక్కించుకుంటున్నారని, అందులో ముఖ్యంగా విద్యార్థి దశలో కొంతమంది వ్యాపార రంగంపై రేకా పారిశ్రామిక రంగాలపై ఆపారమైన ప్రతిభ కనబరుస్తున్నారని చెప్పారు. దీనికి తోడు విద్యార్థులలో మాట్లాడు, డిజిటల్ ఇండియా, మేక్ ఇన్ ఇండియా ద్వారా ఎన్నో అవకాశాలు చేతిక్కించుకుని ప్రతిభ సాధిస్తున్నారని తెలిపారు. ఒకప్పుడు వ్యాపారం , పారిశ్రామిక రంగాల్లో అభివృద్ధి చెందాలంటే దాగా డబ్బులు ఉండి సంపన్న

2. Team Team Ctrl+Force! from Department of Electronics & Computer Engineering under the guidance of Innovation and Incubation Center secured 5TH POSITION among 60 Teams from across India at the Innovation, IDE Bootcamp, Nashik, organized by the Ministry of Education in collaboration with AICTE, Wadhvani Foundation, and SBI. Team Member : Mayur Kadam, Anushka Gunjal, Prasad Channa, Sumit Gurap and Shruti Godse all from TE-E&CE



Other Innovation Activities details-

1. A team of students attended National level /International Level **Hackathon's** based innovative projects competition and **Award winning team**; Students Participation: 115, Winning Team: 02. Students Achievements in Hackathons National & International level and Total winning prize amount; Rs. 4.1 . Lakhs

| Sr. No | Academic Year | Student Name | Level | Achievement Details |
|--------|---------------|---|---------------|---|
| 1. | 2022-2023 | 1. Suraj Zaware 2. Vishal Wandekar 3. Sagar Waghmare 4. Shreesh Singh 5. Vedashri Waman 6. Deepashri Shinde | National | First prize of Rs.1,00,000/- in Smart India Hackathon-2022 Govt. of India Ministry of Education & AICTE, Delhi |
| 2. | 2022-2023 | Captivators 1.0 1. Mohit Shirsath 2. Yash Thete 3. Sanjyot vaidya 4. Snehal Shirsath 5. Rushikesh Tambe 6. Rajeev Singh 7. Om kumkar | State | 2nd Runner Up prize of 3000/- Rs in State Level Project Competition PCCOE, Ravet sponsored by AICTE. |
| 3. | 2022-2023 | Vishal Wandekar | International | First prize of Rs.3,00,000/-in UNESCO INDIA AFRICA HACKATHON 2022. Govt. of India & African Countries |
| 4. | 2022-2023 | Vaman Vedashri | National | 1 st price in CONCEPTS RURAL 2023 organized by PICT, Pune. |
| 5. | 2022-2023 | Vaman Vedashri | National | 2 nd price in CONCEPTS DSP 2023 organized by PICT, Pune. |
| 6. | 2024-2025 | Team Captivators 3.0 Snehal Shirsath - Vaibhavi Pujari - Shrirang Sonawane - Mohit Shirsath - Rajeevkumar Singh - Valte Prasad | National | First Prize of ₹1,00,000 in the Grand Finale of Smart India Hackathon 2024 held on 11 th & 12 th December 2024 at KIT COE, Kolhapur organized by Ministry of Education, Govt. of India and AICTE, Delhi |
| 7. | 2024-2025 | Suraj Khairnar Vaibhav Kolhe Pankaj Katre Anuj Gadekar | National | Team Corex bagged Second Prize of Rs. 75000/- in PU Code Hackathon 2.0 organized by Parul University, Gujrat on 2nd and 3rd January, 2025. |
| 8. | 2024-2025 | Roshan Aaglave BE Computer Engg | National | Received a grant of Rs. 3 lakh under the Sarthi program by the Maharashtra government to support his startup. Additionally, he secured one year of incubation support from Atal Incubation Center, Baramati. |

2. Deputation of faculty for Industrial **trade fairs**./technical innovative exhibition; 05

i. **Prof.Sunil Amrutkar and Team attended the Industrial Trade Fair Boiler India 2024 at Mumbai**



With Mr. Prasad Gokhale (CEO, Energy Advisor).



With Mr. Sachin Kothawade (GM-thyssenkrupp Industries India)

18:53



With Mr. Sachin Sangamnerkar (MD, Urja Disha Boiler Tech Ltd) & Mr. D V Ambekar (Director, Trustwell Engineers and pvt ltd)

18:53



ii. Prof. Satish Gadhave and Team attended NIMA Start Up Summit at Nashik





3. Initiated Incubation center in our Institute as an **Amrutvahini Innovation and Incubation Center (A.I.C.C.)**; 01

Amrutvahini Innovation and Incubation Center (AIIC):

Amrutvahini Innovation and Incubation Centre is a hub for nurturing the entrepreneurial spirit and providing resources, mentorship, and support to budding entrepreneurs. The center would support and encourage innovative technology-based start-ups that have applications in the core sectors of the economy. It's an exciting space where innovative ideas are cultivated and transformed into successful ventures, fostering an environment of creativity and growth.

Aim: To foster a culture of innovation and entrepreneurship among students and faculty, by providing an incubation ecosystem that nurtures and accelerates the development of emerging technologies, products, and start-ups, empowering the next generation of tech leaders and innovators for societal benefits.

Functions and Objectives of the Committee:

The following are the committee's tasks and objectives.

1. **Supporting Entrepreneurial Ideas:** Empowering students with guidance and mentorship to develop innovative business ideas.
2. **Providing Resources:** Offering access to infrastructure, funding opportunities, and networking events to promote startup success.
3. **Facilitating Skill Development:** Organizing workshops and training programs to enhance entrepreneurial skills and knowledge.

Members of the Committee:

The members of the Committee for the Academic year 2024-2025 are as follows:

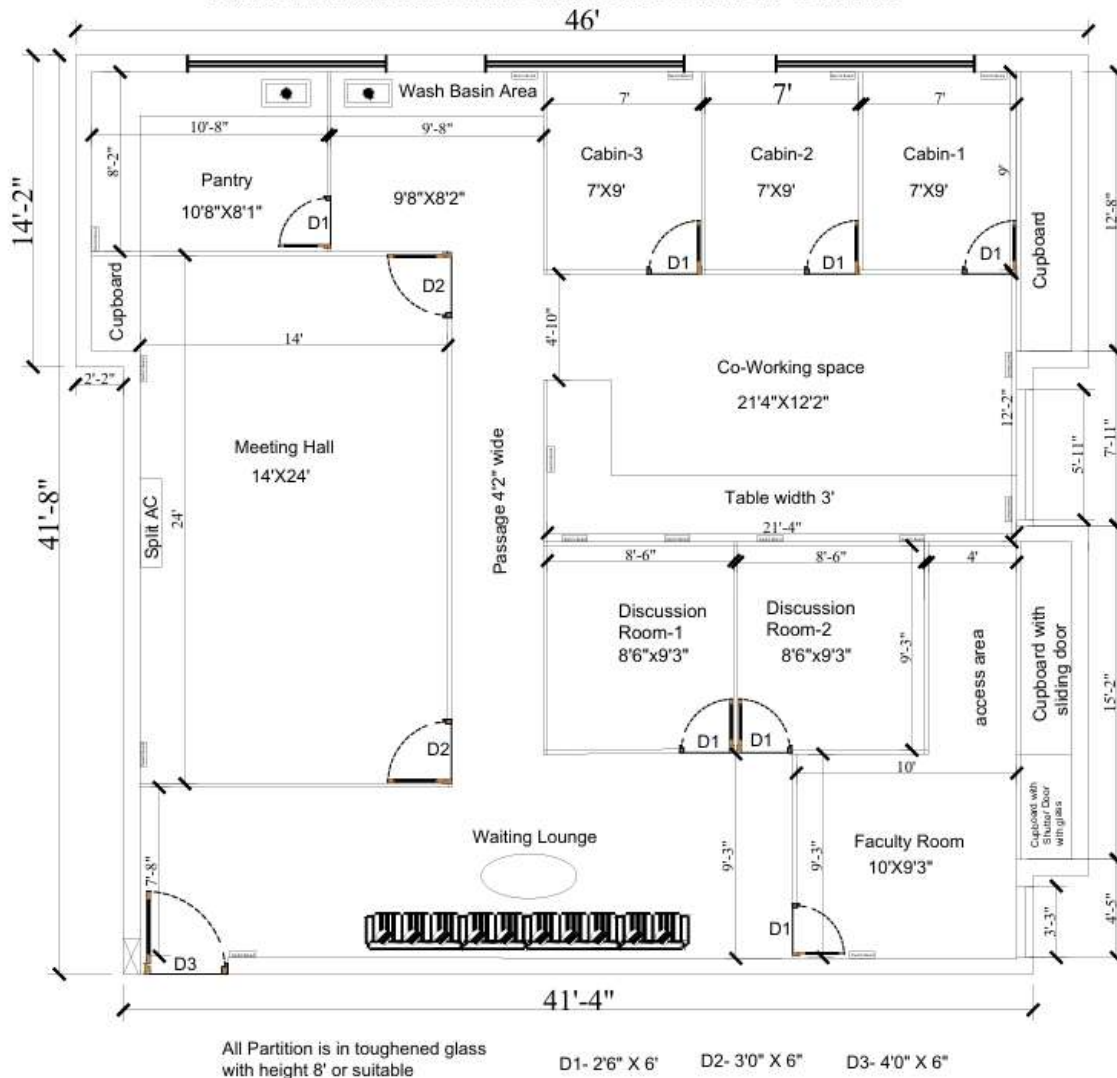
| Sr. No. | Representative | Designation |
|---------|---------------------|-------------|
| 01 | Dr. M. A. Venkatesh | Principal |

| | | |
|-----------|--------------------|--------------------------------|
| 02 | Dr. D. S. Bajaj | Head, AIIC |
| 03 | Dr. K. V. Bhadane | Dean, R & D |
| 04 | Dr. S.R. Jondhale | Member, AIIC |
| 05 | Prof. E.T. Bayas | I/C, EDP Cell |
| 06 | Dr. A.R. Panhalkar | I/C, Institute Innovation Cell |

Infrastructure:

Amtutvahini Innovation and Incubation Center has a distinct space of area 2000 sq. ft. It includes a well-equipped meeting hall, discussion rooms, cabins for startups, a pantry, a waiting lounge, a faculty room, a co-working space, and a free internet facility.

AMRUTVAHINI INNOVATION AND INCUBATION CENTER



4. Initiated Start up by the student of B. E. Computer Mr. Roshan Aglawe, with titled as “**Nutrifreak Superfood Pvt. Ltd.**”; 01

Startup and Financial Support by AIIC:

- Under the Incubation funding initiative, the Institute had given the registration and website hosting charges.

- The **first startup** under AIIC is registered by **Roshan Aglawe**, a student of B. E. Computer as **Nutrifreak Superfood Pvt. Ltd.** He had funded the amount of Rs. 23,000=00 by the Institute for registration and website hosting charges.
- The Institute has funded the amount of Rs. 9642=00 to **Prathamsingh Patil**, a student of B.E. E & C Engg. Dept. to attend the **icreate Idea Catalyst program** at Ahmedabad.



Company Name:- Nutrifreak Superfoods Pvt Ltd

Founder:- Roshan Bhausaheb Aglawe

Company Website:- <https://nutrifreak.in/>



5. **Institution Innovation Council (I.I.C.)** based various technical activities has been conducted related to start up, IPR, Entrepreneurship Development, Business conclave, incubation, etc and 2024-25 activities are going on progressively; 57
6. Innovation Based winning Projects
Sumedh Rahane project winning team with project titled ' High Speed UAV with Electric Coil Gun.'



Mr. Rushikesh Perne, Project Team with project titled ‘Retrofitted E-Bike from Scrap.’



7. Maharashtra Innovation Challenge Award for best Project start up with Prize of Rs 1 Lakh each



