

JSPM's JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING, PUNE

DEPARTMENT OF COMPUTER ENGINEERING

Department Best Practices – IoT Club

Objectives of IoT Club:

The goal of the IoT Club is to promote an opportunity for interaction between students of Computer Engineering and other different department's students for interdisciplinary projects. The IoT club should engage in activities related to solving societal, environmental and smart city issues. Students participate in the design and development of various Smart City IoT projects. It provides students with the required platform for their ideas to be implemented. A great workplace, a large collection, detailed advice from faculty, senior students, alumni, and experts from the industry. The IoT club is divided on the basis of interests and each club is a highly enthusiastic group inspired to disseminate and expand the field's knowledge base. The purpose behind this Club is to increase the quality of student projects, placement, and participation of students in research project competitions & encourage students to research in words, innovation.

The main objective of IoT Club is to promote an environment for an interaction between Computer Engineering students and other department students for interdisciplinary projects. IoT club is engaged in activities to solve the problems of society, environmental, smart city.

IoT club is formed considering interest of students. The inspiration behind club is to improve student's project quality, placement, student's participation in research project competitions & to motivate students for research, Innovation & Higher Studies.

Description:-

8 patents on IoT, wireless sensor networks and IoT cloud of things were published by students. In Scopus Index, IEEE, Springer journals, and students, a total of 8 reputed research papers were published. Students participate in different national research project competitions, such as KPIT Sparkles, Accenture Innovation, Kalam Innovation, Avishkar, Smart India Hackathon, etc. Students have completed projects in the above-mentioned competitions. BE computer students; have been placed at KPIT Pvt.Ltd by competitions for projects. Students are working with other branch students on interdisciplinary projects including CNC Machine, Marking Robot, and Garbage collector. We invited IT Industries& IEEE Pune technical expert personalities for guidance and inspiration for students.

IoT Club Selection Process

- Aptitude Test
- Coding Test
- Domain Knowledge
- Problem solving skills
- Group Discussion
- Presentation
- Personal Interview
- Psychometric Test

JSPM's Jayawantrao Sawant College of Engineering, Pune

Department of Computer Engineering

IoT Club

A.Y 2024-25

Sr.No.	Name of Student	Department
1	Prathamesh Narute	BE Computer
2	Mariam Memon	BE Computer
3	Shreya Rao	BE Computer
4	Paavan Jetliy	BE Computer
5	Gautam Pataskar	BE Computer
6	Sakshi Pawar	BE Computer
7	Kiran Pal	BE Computer
8	Shahjahan Sayyed	BE Computer
9	Sakshi Desai	BE Computer
10	Vishaka Bosale	BE Computer
11	Tushar Dhangar	BE Computer
12	Prajwal Shelar	BE Computer
13	Shreetej Korde	TE Computer
14	Arya Dongare	TE Computer
15	Shreyas Aher	TE Computer
16	Joel Chandanashiv	TE Computer
17	Anjum Maner	TE Computer
18	Kirti Chandratike	TE Computer
19	Huzaifa Khan	SE Computer
20	Rohit Ratnaparkhi	SE Computer
21	Sancheti Shinde	SE Computer
22	Shreya Gawade	SE Computer
23	Anushka Choudhari	SE Computer
24	Sharyu Gawas	SE Computer
25	Akanksha Bhilare	SE Computer
26	Pranav Bodhe	SE Computer
27	Rucha Pawar	SE Computer
28	Rushikesh Tonape	SE Computer
29	Shivam Nale	SE Computer
30	Shravani Misal	SE Computer
31	Shubham Patil	SE Computer
32	Shrushti Tambvekar	SE Computer
33	Tanisha Jagdale	SE Computer
34	Chaitali Kohapare	SE Computer

Club Coordinator – Dr. D. S. Waghole
Ladies Coordinator - Prof. Smita Wagh

A.Y. 23-24

Sr.No.	Name of Student	Department
1	Aditya Malapure	BE Computer
2	Sanyam Surana	BE Computer
3	Ankit Sahal	BE Computer
4	Prashashti Randive	BE Computer
5	Prajakta Hadake	BE Computer
6	Purva More	BE Computer
7	Siddhesh Wankhede	BE Computer
8	Sonali Betagiri	BE Computer
9	Rita Tiwari	BE Computer
10	Abhinandan Jain	BE Computer
11	Harshali Joel	BE Computer
12	Prathamesh Narute	TE Computer
13	Mariam Memon	TE Computer
14	Shreya Rao	TE Computer
15	Paavan Jetliy	TE Computer
16	Gautam Pataskar	TE Computer
17	Sakshi Pawar	TE Computer
18	Shahjahan Sayyed	TE Computer
19	Kiran Pal	TE Computer
20	Shreetej Korde	SE Computer
21	Arya Dongare	SE Computer
22	Shreyas Aher	SE Computer
23	Joel Chandanashiv	SE Computer
24	Anjum Maner	SE Computer
25	Kirti Chandratike	SE Computer

Club Coordinator: Dr. D. S. Waghole

A.Y. 22-23

Sr.No.	Name of Student	Department
1	Ashvini Sali	BE Computer
2	Siddhi Bhende	BE Computer
3	Sakshi Kale	BE Computer
4	Kiran Bidake	BE Computer
5	Tejas Ambekar	BE Computer
6	Dipak Pawar	BE Computer
7	Aditya Mishra	BE Computer
8	Om Mate	BE Computer
9	Aditya Malapure	TE Computer
10	Sanyam Surana	TE Computer
11	Ankit Sahal	TE Computer
12	Prashashti Randive	TE Computer
13	Prajakta Hadake	TE Computer
14	Purva More	TE Computer
15	Siddhesh Wankhede	TE Computer
16	Sonali Betagiri	TE Computer
17	Rita Tiwari	TE Computer
18	Abhinandan Jain	TE Computer
19	Harshali Joel	TE Computer
20	Prathamesh Narute	SE Computer
21	Mariam Memon	SE Computer
22	Shreya Rao	SE Computer
23	Paavan Jetliy	SE Computer
24	Gautam Pataskar	SE Computer
25	Sakshi Pawar	SE Computer
26	Shahjahan Sayyed	SE Computer
27	Kiran Pal	SE Computer

Club Coordinator: Dr. D. S. Waghole

IoT Club @ Computer Department, JSCOE

The club organizes various technical workshops for JSCOE College students and they also participate in technical workshops all across India.

Working on IoT, ML, AI, WSN, AR-VR, Cloud Computing, Data Analytics, Web Designing, Electrical Vehicles

IoT Club Achievements

- Prizes - Won the 30+ Prizes and Awards at SIH, KPIT, IEEE, Quest
- Projects - Implemented 50+ Innovative projects using recent technologies like ML, AI, IoT, AR-VR, WSN, Cloud Computing
- Placement - 65+ Students placed in top MNC's through Project Competition during 2 Year span (2018-2019-2020)
- Patents - Published 8+ Patents on IoT, WSN and ML
- MOU - Signed up with IP Labs, Pune and other Govt laboratories
- Competitions - Participation in more than 65+ competitions like SIH, KPIT Sparkle, IEEE TDCS, InTech Olympiad etc.

For more details Visit - <https://jscoeioclub.in/>

- 8000+ Views to Website
- Accessed from 20+ countries
- Views from 22+ states in India

To visit College Site - <https://jspmjscoe.edu.in/>

Contact at :- jscoeioclub@jspmjscoe.edu.in

All members of IoT Club got placement in top MNC's



IoT Student Achivement



Pune: Students of Jayawantrao Sawant College of Engineering Awarded ₹1 Lakh for Smart Biogas Generation Project at Smart India Hackathon 2024





Team EKOVEN Won the 2nd Prize in Prototype Competition at

JSPM UNIVERSITY PUNE



दिल्ली : सावंत अभियांत्रिकी महाविद्यालयाचा संगणक विभागाचा संघ.

‘जेएसपीएम’च्या संघाला ‘स्मार्ट इंडिया’त बक्षीस

पुणे, ता. ८ : केंद्र सरकारच्या वतीने जलशक्ती मंत्रालयाद्वारे देशपातळीवर आयोजित केलेल्या ‘स्मार्ट इंडिया’ स्पर्धेत हडपसर येथील ‘जेएसपीएम’ संचलित जयवंतराव सावंत अभियांत्रिकी महाविद्यालयाच्या संगणक विभागाच्या गटाला ‘कृत्रिम बुद्धिमत्ता’ यावर आधारित ‘स्मार्ट बायोगॅस जनरेशन अँड प्रॉडक्शन सिस्टीम’ या प्रकल्पाला एक लाख रुपयांचे बक्षीस, सन्मानचिन्ह आणि प्रमाणपत्र देण्यात आले आहे.

दिल्लीत झालेल्या स्पर्धेत देशभरातील एकूण ४० संघ सहभागी झाले होते. त्यात जयवंतराव सावंत अभियांत्रिकी महाविद्यालयाच्या गटाला अंतिम फेरीत प्रथम पारितोषिक मिळाले. स्पर्धेसाठी महाविद्यालयाने सादर केलेल्या

प्रकल्पात पारंपरिक पद्धतीने तयार होत असलेल्या बायोगॅस निर्मितीतून वेगवेगळे उत्पादने तयार केली जातात. बायोगॅस तयार झाल्यानंतर शेवटी राहिलेल्या लगद्यापासून शेतीला पूरक खत निर्मिती केली जाते. हा प्रकल्प देशभरातील व्यावसायिक व उद्योजक शेतकऱ्यांना उपयुक्त आहे. यात कृत्रिम बुद्धिमत्तेचा उपयोग केलेला आहे. महाविद्यालयाला आजपर्यंत केंद्र सरकारची पाच पारितोषिके मिळालेली आहेत. प्रकल्प तयार करण्यासाठी विद्यार्थी श्रीतेज कोरडे, जोएल चंदनशीव, किरण पाल, मरियम मेमन, शहाजहान सय्यद, प्रणव बोधे यांनी संशोधन पूर्व सहभाग नोंदविला. मार्गदर्शक म्हणून डॉ. दत्तात्रेय वाघोले, प्रा. स्मिता वाघ यांनी जबाबदारी पार पाडली.

राष्ट्रसंचार

सावंत कॉलेजच्या टीमला एक लाखाचे बक्षीस

■ राष्ट्रसंचार न्यूज नेटवर्क

हडपसर : भारत सरकारच्या वतीने जलशक्ती मंत्रालयाच्या माध्यमातून देशपातळीवर आयोजित स्मार्ट इंडिया स्पर्धेत हडपसर येथील जे एस पी एम संचलित जयवंतराव सावंत कॉलेज ऑफ इंजीनियरिंग च्या संगणक विभागाच्या टीमला आर्टिफिशियल इंटेलिजन्स या वर आधारित स्मार्ट बायोगॅस जनरेशन अँड प्रोडक्शन सिस्टम या प्रकल्पास भारत सरकारकडून एक लाखाचे बक्षीस ट्रॉफी आणि प्रमाणपत्र देण्यात आले आहे.

या स्पर्धेमध्ये संपूर्ण भारतामधून ३७ शैक्षणिक संस्थांच्या माध्यमातून एकूण ४० संघ त्या ठिकाणी आपापले प्रकल्प घेऊन आले होते त्यामधून अंतिम फेरीत जयवंतराव सावंत कॉलेज ऑफ इंजीनियरिंग हडपसर च्या टीमला प्रथम पारितोषिक मिळाले. सदरील स्पर्धा दिल्ली येथील नोएडा उत्तर प्रदेश मधील



गलंगोटीयाज या विद्यापीठांमध्ये नुकतीच पार पडली जे एस पी एम च्या या जयवंतराव सावंत कॉलेज ऑफ इंजीनियरिंग यांना आज पर्यंत भारत सरकारची पाच पारितोषिके मिळालेली आहेत.

हा प्रकल्प तयार करण्यासाठी महाविद्यालयातील विद्यार्थी श्रीतेज कोरडे, जोएल चंदनशिव किरण पाल, मरियम मेमन, शहाजहान सय्यद, प्रणव बोधे यांनी आपला संशोधनपूर्व सहभाग नोंदविला. या प्रकल्पासाठी

मार्गदर्शक म्हणून विभागातील प्रा. डॉ. दत्तात्रेय वाघोले आणि प्रा. स्मिता वाघ यांनी जबाबदारी पार पाडली या प्रकल्पाला मिळालेल्या यशस्वी जेएसपीएम संस्थेचे संस्थापक सचिव माजी मंत्री तानाजीराव सावंत, संकुल संचालक डॉ. संजय सावंत, डॉ. वसंत बुगडे, महाविद्यालयाचे प्राचार्य रजेंद्र कानफडे, संगणक विभागाच्या विभाग प्रमुख डॉ. पूनम लंभाते पदाधिकाऱ्यांनी या सर्वांचे अभिनंदन केले.

Edition : Pune

Date : 09 Jan, 2025

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JAYAWANT SHIKSHAN PRASARAK MANDAL's
**JAYAWANTRAO SAWANT COLLEGE OF
ENGINEERING, PUNE**

NBA ACCREDITED

DEPARTMENT OF COMPUTER ENGINEERING

Heartiest
Congratulations

**SMART INDIA HACKATHON 2K23
NATIONAL LEVEL PROJECT COMPETITION
TEAM UNANIMOUS 6 SECURED ALL INDIA RANK - 1ST**

Team Name :- Unanimous 6

Team Leader :- Purva Morey

Mentor Name :- Dr. Dattatraya Waghole

Supporting staff :- Prof. Swati Salunkhe

Team Members

1. Sakshi Pawar
2. Vaishnavi Bhavsar
3. Prajakta Hadke
4. Sonali Betageri
5. Rutuja Baglane



Hon.G.T.Sawant
Secretary TSSM

Dr.Sanjay Sawant
Campus Director

Prof.Dr. V. A. Bugade
Campus Director

Dr. R.D.Kanphade
Principal, JSCOE

Dr. P.D.Lambhate
HOD

Pune: Students of Jayawantrao Sawant College of Engineering Awarded ₹1 Lakh for at Smart India Hackathon 2023



JAYAWANT SHIKSHAN PRASARAK MANDAL's
**JAYAWANTRAO SAWANT COLLEGE OF
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DEPARTMENT OF COMPUTER ENGINEERING



*Heartiest
Congratulations*

SMART INDIA HACKATHON 2K23
NATIONAL LEVEL PROJECT COMPETITION
AvAlert secured All India Rank - 2

Team Name :- AvAlert

Team Leader :- Shreya Rao

Mentor Name :- Dr. Dattatraya Waghole

Team Members

1. Paavan Jetli
2. Prathmesh Narute
3. Gautam Pataskar
4. Aditya Malapure
5. Siddhesh Wankhede

Patrons

Hon.G.T.Sawant
Secretary TSSM

Dr.Sanjay Sawant
Campus Director

Prof. Dr. V. A. Bugade
Campus Director

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Principal, JSCOE

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HOD

Poornima Rajasthan Hackathon 2023 – National Level Project Competition

Department of Computer Engineering

Poornima Hackathon is organized by Poornima University in association with AICTE & IBM Pvt. Ltd.

Total No of team registered from India :- **571 teams**

Total Teams Shortlisted for Grand Finale :- **90 teams**

Total No of teams registered & Selected for Grand Finale from JSCOE (Computer) – **03 teams**

Team Unanimous 4 from JSPM's JSCOE (IoT Club) has been won the **first prize 72,000/-** in Poornima Hackathon, at Jaipur, Rajasthan.

IoT club **continuously two years won the 1st Prize** in Poornima Hackathon.

Project Title :- Smart Battery Management for vehicle safety & Security

Team Members :-

1. Aditya Malapure
2. Ankit Sahal
3. Abhinandan Jain
4. Sanyam Surana

Project Guide : Dr. Dattatray Waghole
Supporting Mentor :- Prof. N. R. Zinzurke



QuEST Ingenium 2023 National Level Project Competition

QuEST Ingenium is a national level project competition organized by QuEST global Pvt. Ltd in association with Alstom Mobility by Future. Alstom is a world largest Metro manufacturing company.

Total No of Teams registered for QuEST Ingenium from India – **1816 teams**

Total No of Teams registered from JSCOE – **78+ Teams**

Total Team selected in Top 30 teams from JSCOE – **03 teams from Computer Department**

Total Teams shortlisted in Grand Finale (Top 10 Teams) – **01 Team from Computer**

Team Dare2Discover won the First prize 1,50,000/- in Grand Finale of Quest Ingenium.

Also won Best Project Award

Strong Contender Award

Kerala To France, Europe Free Tour (Visit) for all winners by Alstom & QuEST global Pvt.Ltd

Internship & Placement offer for all team members from Alstom & QuEST global Pvt ltd

IoT club **two years won the 1st Prize** in QuEST Ingenium contest.

2018 – Winners

2019 – Finalist

2022- Finalist

2023 - Winners

Project Title :- Multipurpose EV for Physically challenged peoples

Team Members :-

1. Aditya Malapure
2. Ankit Sahal
3. Abhinandan Jain
4. Sanyam Surana

Project Guide : Dr. Dattatray Waghole



KPIT Sparkle 2023 – A National Level Project Competition

Department of Computer Engineering

KPIT Sparkle is a national level project contest organized by KPIT Pvt Ltd. This competition is related with mobility & energy domain.

Total No of Teams registered for KPIT Sparkle from India – **6000+ teams**

Total No of Teams registered from JSCOE – **77+ Teams**

Total Team selected in Top 100 teams from JSCOE – **13 teams from Computer Department**

Total Team selected in Top 50 teams from JSCOE – **02 teams from Computer Department**

Total Teams shortlisted in Grand Finale (Top 24 Teams) – **01 Team from Computer**

Team Enablers was shortlisted for Grand Finale of KPIT Sparkle 2023.

2022- Winners

1. Platinum Award (10 Lakh Rupees)
2. Abhinavi Award (2 Lakh Rupees)

2023 – One of the finalist

Project Title :- Multipurpose EV for Physically challenged peoples

Team Leader :- Siddhartha Wankhede

Team Members :-

1. Aditya Malapure, 2. Ankit Sahal, 3. Abhinandan Jain, 4. Sanyam Surana

Project Guide : Dr. Dattatray Waghole



KPIT Project Competition

POORNIMA Hackathon 2023, aims to raise perfectionist life in India and comprehensive development of India. The theme of Poornima Hackathon "To build innovative solutions for SMART CITIES". Emphasize of Hackathon is a space in which developers, entrepreneurs, designers, professors, researchers and persons attentive in making their city a better place, can gather in a collaboratively fashion a solution that makes our city more efficient and intelligent.

Jury Panel:-

1. Mukesh Kestwal - Member of Development Coordination Committee (DCC)
2. Aaryan Kapur, Managed Services Associate Informatics
3. Ajay Singh Rajawat, Secretary General Chamber for Innovators & Entrepreneurs in India.

Team Unanimous 4 won the First Prize in Hardware category

Team Leader –

1. Sanyam Surana

Team Members:-

1. Ankit Sahal
2. Aditya Malapure
3. Gautam Pataskar

Mentor: - Dr. Dattatray Waghole



POORNIMA HACKATHON 2023 – 1ST WINNER

(PRIZE INR 75 THOUSAND, BEST PROJECT AWARD)



Students: Sanyam Surana | Ankit Sahal | Aditya Malapure | Abhinandan Jain

Mentor: Dr. D. S. Waghole | **Student Felicitated by:** 1. Dr. Dinesh Goyal (Professor, CMI Level 5 Certified)

2. Dr. Gautam Singh (Registrar at Poornima Institute of Engineering & Technology)

3. Mr. Shailendra Moyal (Technologist , Cloud Software Developer)



**Dr. Dattatray Waghole and Student Team With Achievements of IoT
IoT Club Students explore projects with Suhas Polytechnic, students.**

Indo-JAPAN International Hackathon 2022-23 – A National Level Hackathon

“HACK THE INNOVATIVE FUTURE”

The year 2022 marks the 70th Anniversary of the Establishment of the Diplomatic Relations between Japan and India. The Ideathon was an event that aimed to create opportunities for mutual understanding and exchange between the youth of Japan and India who will lead the next generation, as they **travelled 900 km from Delhi to Varanasi**. Through a range of activities along the way, participants gained insight into the differences and similarities between Japan and India in terms of history and culture, while at the same time learning about the challenges and strengths of the two countries and generating ideas for further relationship building. After reaching the final destination of the Varanasi International Cooperation and Convention Centre (VCC) after around eight days of dynamic interaction, each team made a presentation on a product or service that could solve a specific problem that they had set themselves to address. A total of 10 teams presented their ideas in the final presentation.

- Program : Co creation the value toward 2040 through 900km venture based ideathon "Hack The Innovative Future"
- Period : September 16-24, 2022
- Number of applicants : 4,270 from India

- Number of participants (selected) : **20 from Japan, 20 from India (1 from Maharashtra)**
- Number of participating teams : **10 teams (total of 10 teams consisting of 2 members from Japan and 2 members from India, with a total of 4 members per team)**

Organized By: To celebrate this important year, "The Steering Committee of 70th Anniversary of the Establishment of Japan-India Diplomatic Relations" chaired by

1. The Ambassador of Japan,
2. Embassy of Japan,
3. Japan Association Delhi,
4. Japan Chamber of Commerce and Industry in India,
5. Japan Foundation New Delhi,
6. JETRO New Delhi Office,
7. JICA India Office,
8. JNTO Delhi Office

Team Doraemon won Teamwork Award (2nd Prize) amongst the 10 teams.

Their Idea has Received Offer for Start up from Ramesh Narula, Managing Director, Formula group - Mobility Managed (Mobirelo).

Team Name: Team Doraemon

Team Members:

- 1. Sanyam Surana - JSJM's JSCOE(Computer Engineering) – India (Team Lead)**
- 2. KuroeTsujiimoto - Doshisha University (Economics) – Japan**





IoT Club Students explore projects with Suhas Polytechnic, students.



IoT Club students 2017-2018



IoT Club 2018-19 – Department of Computer Engineering



IoT Club 2019-20 Department of Computer Engineering



IoT Club 2021-22 Department of Computer Engineering



This Club is working on the research projects based on Hadoop and Data Analytics Domain. The major achievement is a team has participated for Hackathon 2019 Grand Finale.



Smart India Hackathon Grand Finale – Team Discover at K.L.University, A.P



Smart India Hackathon Grand Finale – Team Discover (Computer Department)



**Smart India Hackathon 2018 Grand Finale Winner – Team Unanimous 4
(Won 1st Prize 1 Lakh rupees at COEP,pune)**



Smart India Hackathon 2018 Grand Finale Winner – Team Unanimous 4



30 min. Live Telecast Program on National Television - Doordarshan



हॅकेथॉन स्पर्धेत 'जेएसपीएम'चे यश

पुणे : केंद्रीय मनुष्यबळ विकास मंत्रालयाद्वारे देशपातळीवर घेण्यात येणाऱ्या हॅकेथॉन स्पर्धेत जयवंत शिक्षण प्रसारक मंडळाच्या हडपसर संकुलातील जयवंतराव सावंत कॉलेज ऑफ इंजिनिअरिंगच्या विद्यार्थ्यांनी पहिले पारितोषिक पटकावले. या स्पर्धेत महाविद्यालयाच्या विद्यार्थ्यांनी सादर केलेल्या स्मार्ट डोमेस्टिक गॅस ट्रॉली या प्रकल्पास १ लाख रुपयांचे पारितोषिक मिळाले असल्याची माहिती जेएसपीएमद्वारे देण्यात आली. संपूर्ण भारतातून सहभागी जवळपास ७ हजार ५०० संघामध्ये जेएसपीएम महाविद्यालयाच्या संघाने पहिल्या क्रमांकाचे पारितोषिक पटकावले. शासकिय अभियांत्रिकी महाविद्यालयात दि. १८ ते २२ जून या कालावधीत झालेल्या या स्पर्धेत महाविद्यालयातील विद्यार्थ्यांनी केलेल्या स्मार्ट डोमेस्टिक गॅस ट्रॉली या प्रकल्पास हे पारितोषिक देण्यात आले आहे. महाविद्यालयाच्या वृषाली कोतकर, प्राजक्ता कुंभार, मधुली सुवर्णकर, निवेदिता शेळके, आकाश हाडके, प्रफुल्ल अवघडे आदी विद्यार्थ्यांनी हा प्रकल्प सादर केला होता. या ट्रॉली मध्ये गॅस लिकेज, फायर अलार्म, शिल्लक गॅस, किचन चे तापमान, किचन मधील आद्रता एवढेच नाही तर गॅस बुकिंगची सुद्धा ऑटोमॅटिक सोय आहे.

JSPM News in Sakal Newspaper



QuEST Ingenium Winner Team – Unanimous 4 at Bangalore

Team won the 1 lakh rupees prize, Won the Best Project Award, Strong contender Award, 4 students placed in QuEST Pvt.Ltd



QuEST Ingenium Winner Team – Unanimous 4 at Bangalore

सकाळ



हांडेवाडी : प्रथम विजेत्या बक्षिसासह (डावीकडून) निवेदिता शेळके, पुष्पा चेड्डीयार, डॉ. शंकर चौधरी, प्राचार्य डॉ. माधवराव जाधव, संस्थापक सचिव आमदार डॉ. तानाजी सावंत, डॉ. दत्तात्रय वाघोले, मधुली सुवर्णकार.

सावंत अभियांत्रिकी महाविद्यालय राष्ट्रीय प्रोजेक्ट स्पर्धेत प्रथम

मांजरी, ता. १२ : बंगळूर येथे झालेल्या क्वेस्ट इनजेनियम या राष्ट्रीय पातळीवरील प्रोजेक्ट स्पर्धेत जयवंतराव सावंत अभियांत्रिकी महाविद्यालयातील कॉम्प्युटर इंजिनिरिंगच्या विद्यार्थ्यांनी सादर केलेल्या प्रकल्पास प्रथम क्रमांकाचे बक्षीस मिळाले. त्यांनी 'स्मार्ट डोमेस्टिक ट्रॉली' हा प्रकल्प सादर केला. स्पर्धेतील सोशल मीडियाद्वारे निवडलेल्या 'समाजोपयोगी प्रोजेक्ट' आणि 'स्ट्रुंग कंटेस्टिंग टीम' ही बक्षिसेसुद्धा महाविद्यालयाने मिळविली. महाविद्यालयातील विद्यार्थी आयूष अगरवाल, मधुली सुवर्णकार, निवेदिता शेळके व पुष्पा चेड्डीयार यांनी डॉ. दत्तात्रय वाघोले यांच्या मार्गदर्शनाखाली हा प्रकल्प सादर केला होता. या यशाबद्दल संस्थापक सचिव प्रा. तानाजी सावंत यांच्या हस्ते यशस्वी विद्यार्थी व मार्गदर्शकांचा सत्कार करण्यात आला. संकुल संचालक डॉ. संजय सावंत, प्रा. डॉ. एम. जी. जाधव यांनी यशस्वी विद्यार्थ्यांचे अभिनंदन केले आहे.

Pune, Pune-Today1
13/10/2018 Page No. 6

QuEST Ingenium news in Pune Today.

'विद्यार्थ्यांनी चौकस वृत्ती ठेवावी'

म. टा. प्रतिनिधी, हडपसर

'विद्यार्थ्यांनी चौकस वृत्तीचा अंगीकार करून संशोधन करण्यावर भर द्यावा. नैसर्गिक साधनसंपत्तीचा चिकित्सक वृत्तीने अभ्यास करून त्यामागील वैज्ञानिक संकल्पनांचा शोध घ्यावा. 'टेक मंथन' सारख्या उपक्रमामुळे आजच्या युवा पिढीला संशोधनाची गोडी लागण्यासाठी नवीच मदत मिळेल. अभियांत्रिकीच्या विद्यार्थ्यांना नोकरीसाठी पात्र बनवण्याकरिता असे उपक्रम आवश्यक आहेत,' असे प्रतिपादन मुंबई विद्यापीठाचे कुलगुरू डॉ. डी. बी. शिंदे यांनी केले.

जयवंत शिक्षण प्रसारक मंडळाच्या हडपसर शैक्षणिक संकुलात 'टेक मंथन २०१८' टेक्निकल फेस्टिव्हलचे आयोजन करण्यात आले होते. याचे उद्घाटन डॉ. शिंदे यांच्या हस्ते झाले. या वेळी ते बोलत होते. कार्यक्रमाच्या अध्यक्षस्थानी जेएसपीएमचे संचालक के. एन. बारबोले होते. या वेळी 'यट रेडिएटर'चे उपाध्यक्ष राजीव कुलकर्णी, व्हीटीपी ग्रुपचे सीईओ सचिन भंडारी, हडपसर जेएसपीएम संकुलाचे संचालक डॉ. व्ही. ए. बुगडे यांच्या नेतृत्वाखाली डॉ. संजय सावंत, डॉ. एस. एन. पाटील, डॉ. एस. एम. देवकर आदी उपस्थित होते. या वेळी



जयवंत शिक्षण प्रसारक मंडळाच्या हडपसर शैक्षणिक संकुलात 'टेक मंथन २०१८' टेक्निकल फेस्टिव्हलमधील प्रकल्प पाहताना विद्यार्थी व पाहुणे.

'टेक मंथन २०१८'चे उद्घाटन

प्रोजेक्ट प्रेझेंटेशन, क्लॅश ऑफ कोडर्स, प्रश्नमंजूषा, रोबो वॉर, लेथ कर्मा, कॉर्पोरेट क्वॅचर, सर्किट सिम्युलेशन, पोस्टर प्रेझेंटेशन, रेझर हंट अशा विविध चाळीस स्पर्धांचा समावेश करण्यात आला होता. विविध राज्यांतील चार हजार विद्यार्थ्यांनी 'टेक मंथन'मध्ये सहभाग नोंदवला.

'टेक मंथन'मध्ये 'स्मार्ट सिटी'साठी महत्त्वपूर्ण ठरतील, अशा स्मार्ट कचऱ्याचे व्यवस्थापन, स्मार्ट रुग्णवाहिका, स्मार्ट आपत्ती व्यवस्थापन या विषयावर इंटरनेट ऑफ थिंग्ज या प्रणालींचा वापर करून प्रकल्प करण्यात आले आहेत. या वेळी सचिन भंडारी म्हणाले, 'तांत्रिक कौशल्य आत्मसात करून स्वतःला आव्हान द्या. सतत शिकत रहा. जगाला बदलण्याची ताकद अभिरंथ्यांमध्ये असते. प्रस्तावना डॉ. एम. जी. जाधव, तर आभार प्रा. मोसमी चौधरी यांनी मानले.

IoT Club Visit –TATA Radiator –Vice President & VTP Group – CEO



IoT Club – Faculty & Directors Visit



IoT Club Parents Visit



Project Development at IoT Club



Learning by doing

Project Development at IoT Club



Industrial and International Researchers visit at IoT Club for Project Collaboration



IEEE TDCS 2016-17 – National Level Project Competition Finalist



IEEE TDCS 2017--18 – National Level Project Competition Winners



IEEE TDCS 2019-20 – National Level Project Competition Winners

BEST PROJECT AWARD

at

IIPT : INDIAN INSTITUTE OF PROJECT TECHNOLOGY
NATIONAL LEVEL PROJECT COMPETITION

INDIA'S BIGGEST ENGINEERING PROJECT COMPETITION

PROJECT: SMART FARMING USING IOT



Pratik Ghodake
(Team Leader)



Bhunesh Argnoor
(Team Member)



Siddhayya Mathapati
(Team Member)



Gayatri Sankpal
(Team Member)

MENTOR: DR. D. S. WAGHOLE

IIPT Best Project Award Winner Team: Dare to Discover



India –Bangkok Students Project Team at Bangkok University Research Center,Bangkok



**Team Creator won: - 2nd Prize
(10,000/-) at ERR_404 Mumbai
Hackathon**



**Team coder won: - Special Jury
Award (5000/-) at ERR_404
Mumbai Hackathon**



Intech Olympiad 2019 – Winner (First Prize: Rs 40,000)

Student Name – Manish Malgonde

Title: Design solution for storing solar Energy in the form of endothermic chemical reaction and release to generate Electric Energy.



Intech Olympiad 2018 – Winner (First Prize: Rs 18,000/-)

Student Name – Manish Malgonde

Title: Design IoT solution for efficient metering of electrical energy generated in small power units



AICTE Vishwakarma Award 2018 Delhi – National Project Competition
All India 3rd Prize – 10,000/-



AICTE Vishwakarma Award 2019-20 Delhi – National Project Competition
All India 2nd Prize – 31,000/-

Award given by Hon. Minister. Shri Ramesh Pokhriyal & AICTE Chairman.




AICTE Vishwakarma Award 2019-20 Delhi

Winner team with Principal sir & HoD, Computer


JSPM's
Jayawantrao Sawant College of Engineering
Hadapsar -Pune

**IoT Club Won First Prize at National Level Hackathon
by IEEE- MAIT, Delhi in AR-VR Domain**


Computer Engineering Department is proud to announce that,
IoT Club Won **Wolfram Award** of Worth \$375 Organised by
Hourglass 24 Hr National Level Hackathon



Mr. Prasad Wakchoure



Mr. Sanket Patil



Mr. Mahesh Gavhane

Mentor: Dr.D.S.Waghole

**Congratulation from
Team JSCOE**

IEEE MAIT – National Level Hackathon 2020 – Winners



JSPM's
**JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING
HADAPSAR, PUNE**

INSTITUTE CODE : EN6145



DEPARTMENT OF COMPUTER ENGINEERING
IS PROUD TO ANNOUNCE THAT MEMBERS OF
IoT CLUB - JSCOE, HADAPSAR
HAVE WON



1st PRIZE OF ₹ 50,000/- AT
"AATMANIRBHAR BHARAT HACKATHON 2020"
AR-VR DOMAIN IN ENTERTAINMENT CATEGORY MENTOR: DR. D.S. WAGHOLE



MR. TEJAS
AMBEKAR



MR. MAHESH
GAVHANE



MR. CHINMAY
PARDHIKAR



MR. DEEPAK
PAWAR



MR. CHAITANYA
ABHANG

CONGRATULATIONS FROM TEAM JSCOE

Aatmanirbhar Bharat Hackathon 2020 – First Prize



JSPM's
**JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING
HADAPSAR, PUNE**

INSTITUTE CODE : EN6145



DEPARTMENT OF COMPUTER ENGINEERING IS PROUD
TO ANNOUNCE THAT MEMBERS OF
I.O.T CLUB - JSCOE, HADAPSAR
HAVE WON



2nd PRIZE OF ₹ 50,000/- AT
"AATMANIRBHAR BHARAT HACKATHON 2020"
BUSINESS CATEGORY MENTOR: DR. D.S. WAGHOLE



MR. PRATIK
GHODAKE



MR. ARUN
RAO



MR. RUSHIKESH
KUMAWAT



MR. NEERAJ
PARDESHI



MR. BHUNESH
ARGNOOR

CONGRATULATIONS FROM TEAM JSCOE

Aatmanirbhar Bharat Hackathon 2020 – Second Prize



JSPM'S



JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING
HADAPSAR, PUNE

DEPARTMENT OF COMPUTER ENGINEERING

QuEST Ingenium – A National Level Project Competition, 2018.
Organized by QuEST Global Pvt. Ltd (MNC) Bengaluru.

JSCOE Won FIRST PRIZE – 1 Lakh ₹

Team Felicitation by, Founder Secretary Dr. T. J. Sawant Sir



Round 1 - Number of Teams registered 8000, Number of Students 35000,
From 23 States & 650 Engineering Institutes.

Round 2 – Top 100 Teams selected for Project Prototype video round.

Round 3 – Top 10 Teams selected for Final Round at Bengaluru,
for Presentation & Prototype Trials.

JSCOE Computer is the only team, selected from Maharashtra for final round.

Awards won by JSCOE Team:-

- 1. 1st Prize 1 Lakh ₹**
- 2. Best Project Award on Social Media.**
- 3. Strong Contender & One of the top 10 Teams in Competition.**

Team Member : - Ayush Agrawal, Nivedita Shelake, Madhuli Suvarnakar, Pushpa Chettiar

Guide : - Dr. Dattatray Waghole

QuEST Ingenium 2018



JSPM'S



JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING
HADAPSAR, PUNE

DEPARTMENT OF COMPUTER ENGINEERING

मनुष्यबल विकास मंत्रालय, भारत सरकार आयोजित
“स्मार्ट इंडिया हॅकेथॉन या राष्ट्रीय स्पर्धेत”
“JSCOE” च्या विद्यार्थ्यांना १ लाखाचे प्रथम पारितोषिक



Students Name : Vrushali Kotkar, Prajakta Kumbhar,
Prafullkumar Awaghade, Akash Hadke,
Madhuli Suvarnakar, Nivedita Shelke

Guide Name : Dr. Dattatray Waghole

Project : Smart Domestic Gas Trolley
Automatic Signal / Message about Gas Leakage,
Fire Alarm, Gas Balance Quantity, Kitchen
Temperature, Kitchen Humidity & Gas Booking.

Smart India Hackathon 2018

List of Projects

JSPM's Jayawantrao Sawant College of Engineering, Pune

Department of Computer Engineering

Students Internship

Tech Mahindra

**10 students from IoT Club selected for 6 months internship
at Tech Mahindra Pvt Ltd., Pune**



Anup Rao - BE Computer
Student Trainee – Tech
Mahindra



Bhunesh Argnoor - BE
Computer
Student Trainee – Tech
Mahindra



Chaitanya Abhang - BE
Computer
Student Trainee – Tech
Mahindra



Chinmay Pardhikar - BE
Computer
Student Trainee – Tech
Mahindra



Mahesh Gavhane - BE
Computer
Student Trainee – Tech
Mahindra



Neeraj Pardesi - BE
Computer
Student Trainee – Tech
Mahindra



Pratik Ghodake - BE
Computer
Student Trainee – Tech
Mahindra



Rushikesh Kumavat - BE
Computer
Student Trainee – Tech
Mahindra



Tejas Ambekar - TE
Computer
Student Trainee – Tech
Mahindra



Dipak Pawar - TE
Computer
Student Trainee – Tech
Mahindra



Sanket Patil – BE Computer
21st Century Informatics Pvt.Ltd
(3 month Internship)
Indihatt pvt ltd (2 months)
InTech Olympiad – 3

Guide Name – Dr. D. S. Waghole

Department of Computer Engineering

International Level Internship

IoT Club



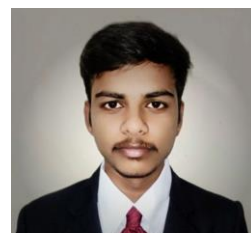
Jatin Bhate – BE Computer
2 Month Internship at
Bangkok University Research
Center, Bangkok



Manish Malgonde – BE
Computer
2 Month Internship at
Bangkok University



Afroz Chowki – BE
Computer
2 Month Internship at
Bangkok University



Bhunesh Argnoor – BE
Computer
3 Months Internship at World
Quant University - USA
Center, Bangkok

Guide Name: - Dr. D. S. Waghole

IoT Club students – Higher Education

Sr.No.	Name of Students	Higher Education
1	Madhuli Suvarnakar	US
2	Soham Patwardhan	US
3	Sourabh Teli	US
4	Samarth Hadawale	US
5	Gaurav Ghodake	US
6	Shahistha Pirjade	US
7	Mrunal Nikam	US
8	Shahistha Pirjade	US
9	Siddhi Bhende	Netherland
10	Priyanka Bhosale	ME (Pune)
11	Shahistha Pirjade	ME (Pune)
12	Prajakta Ugile	ME (Pune)
13	Prajakta Patil	M.Tech (Pune)

Student patent

Sr.No.	Title of Invention	National/International Patent	Patent Number	Patent Status
1.	Intelligent Garbage Bin for IoT	National	201721011276	Published-2017
2.	Smart Gas Alert System	National	201721031951A	Published-2018
3.	Smart stick using IoT	National	201821019895A	Published-2018
4.	Intelligent Stethoscope	National	201721047279A	Published-2018
5.	Smart Ambulance	National	201721031950A	Published-2017
6.	Position Aware Congestion Control Scheme in WSN.	National	201721020691	Published-2018
7.	Smart Driver Seat using IoT	National	201821048237 A	Published-2018
8.	QoS Improvement Using Federated MAC (FMAC) in Wireless Sensor Network	National	3989/MUM/2013	Published-2019
9.	Design and Implementation of PACC algorithm for WSN And ML to improve QoS	International - Australian	2021106410	Granted-2022
10.	A Resource Management optimization to improve 5G network performance using ML Approach.	International - Australian	2021107104	Granted-2022
11.	A Socially Inspired Reliable Communication (SIRC) protocol in wireless sensor networks	International - Australian	2021106411	Granted-2022
12.	Design and Development OF Technique for Congestion Control Using Congestion Location Indicator & Supporting Data Collector Nodes In WSN's using ML	International -South African	2022/12899	Granted - 2022
13.	Method for Simutaneous measurement of harmonics and interharmonice using object oriented web enabled approach for transmission and distribution system	national	201721031951A	Published - 2017
14.	Design and implementation of position aware congestion control system in wireless sensor network.	National	201721020691A	Published - 2017
15.	Travelling wave thermo	National	20182100317A	Published -

	acoustic engine			2018
16.	System and device for solar energy generation	International	201821017139	Published - 2017
17.	Low power adaptive filter architecture for ECG signal	National	201821017541	Published - 2018
18.	Novel design approach for performance improvement of low power static random access memory.	interNational	2021106624	Published - 2021
19.	Efficient fungi disease detection and grading for leafy vegetables using optimized image processing techniques	International	2020103215	Published - 2020
20.	Swedan peti expert system	National	202221035123	Published - 2022
21.	Advanced automated hybrid electric vehicle with performance monitoring system	National	202121031277	Published - 2021
22.	Numerical & experiment investigation of 3D printed shape memory polymers	National	L-91303/2020	Published - 2020
23.	System and method for identification of number of clusters needed for brain tumor detection	National	201921013522	GRANTED 2023
24.	Smart crop disease detection and treatment system	National	202021007681	Published - 2020
25.	Process for prioritized reliability using reinforcement Q- learning method	National	201921054624A	Published - 2020
26.	Solar powered sunshade curtain for cars	National	369494-001	Granted- 2023
27.	"Karmanaav" an instrument for detection of geoelectromagnetic field above ground water vein	National	405219	Granted- 2022
28.	Copper - free brake friction material for disc brake pads	National	201821036326A	Published - 2018
29.	Safety system for driver of four wheeler vehicle	National	201821048237	Published - 2019
30.	A cryptographic system for protecting sensitive medical data transmitted over a wireless network	National	202241050518	Published - 2022
31.	An authentication system for lot using block chain based architecture	National	202241053860	Published- 2022

32.	Implementation of techniques towards security and privacy for edge ai in IOT/LOE-based digital marketing environments	National	202321006887	Published-2023
33.	Secured LOT framework for malware detection on cloud networks using machine learning	National	202341002324	Published - 2023
34.	Deep learning and LOT based earthquake early prediction and warning system in smart cities	National	202341018005	Published - 2023
35.	Collimation of energy field to desired shape using a pair of rotating cylinders	National	202041016803A	Published - 2021
36.	Robot vehicle with motion detection and live video transmission system	National	356176-001	Granted-2023
37.	Glucose monitoring device	National	356621-001	Granted-2023
38.	IOT based smart machine to detect and remove excess water from the crop fields for higher crop yields	National	365419-001	Granted-2023
39.	Design and fabrication of microstrip patch antenna for wireless 5G application.	National	202141021100	Published-2021
40.	Smart and automated billing system for shopping malls	National	202241018812	Published-2022
41.	Intelligent app based monitoring & locating system for evcharging stations with customers connect	National	202221071494	Published - 2022