



Samarth Samaj's
Shivajirao S Jondhale College of Engineering, Dombivli (E) (Affiliated to
University of Mumbai, Approved by AICTE)

Our institute has a vision to impart a quality technical education for creating competent and ethically strong professionals. College intends to provide a friendly and healthy environment to students. Institute has developed some of the best practices to achieve the vision and mission. Two of the practices are elaborated here are:

Best Practice 1:

1. **Title of the Practice:** Smart India Hackathon Cell

2. **Objective:**

- Harness ingenuity and capability of students.
- Build pathway for Startup India campaign.
- Sourcing solutions for improving quality of life and facilitate governance.
- Provide opportunity to students to provide innovative solutions to India's unapproachable problems.

3. **The Context:**

Smart India hackathon is a 36 hours ceaseless digital product building competition, during Which student teams from all over India race to offer innovative solutions in order to make our nation a highly advanced, developed and prosperous one.

4. **The Practice:**

Every year Smart India hackathon cell of our institute organize internal hackathon competition for different teams. Judges select two or three best teams to represent our institute in Smart India hackathon competition. Cell also organizes workshop for selected teams to groove up their skill.

5. **Evidence of Success:**

Participants list enclosed below.

6. **Problems encountered and resources required:**

Now a days very few students are focused so it is difficult to prepare Students for participation in such marathon coding competitions.



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Events: Internal Hackathon

Venue: Seminar Hall, F Building

Date : 12th march 2022

A hackathon is a competitive event where programmers, developers, and others involved in software and hardware development collaborate actively on software or hardware projects. It's an innovation marathon, where the participants create solution to Real-Life problem. The Smart India Hackathon (SIH) is a nationwide initiative of the Government of India to provide a platform for students to solve some of the critical problems we face in our daily lives. The aim is to challenge students to think outside the box and provide innovative ideas to create intelligent applications that will help to improve the lives of millions of Indians. Internal hackathon is conducted within the college to select best teams to send the them for the grand finale. This give's students an opportunity to think outside of the box and helped them to develop team skills for their future ventures.

Participating teams:

Team No.	Team Name	Members	Team Leader and mail id
1.	Infinities	Tejas Rajendra More Omkar sandeep rane Sushant Rakesh Lokhande Aditi Anil Kembulkar Siddhi Dattaram kshirsagar Rohan Jawale	Tejas Rajendra More tejasr3254@gmail.com
2.	Code warriors	Vinayak shirke Falguni Nitin Patil Sahil Prabhakar Parab Rudranksh Sakpal Devang Pandya Ankit V Pandey	Ankit V Pandey ankitp0199@gmail.com
3.	Couch potatoes	Yadav apala Palkar Ayush Sandip Sakshi Sunil Gopal Samruddhi Sanjay Deo Kamthe Mitesh Rajesh Sali Shantanu Ravindra	Kamthe Mitesh Rajesh miteshkamthe@gmail.com
4.	Hexagon	Dipti Malla Om Mahesh Surti Bhehul Rajderkar Garate Aryan Arvind Naman Suthar Akash Dattatray Sangle	Naman Suthar namansuthar12345@gmail.com
5.	Techno	Vahaz Kazi Sakshee Chakresh Mishra Shreyas Kadam Atharv Ghule Sanket Jadhav Shivam Mane	Vahaz Kazi vahazkazi07@gmail.com





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6.	Hachers Katta	Payal Sampada Mahendra Shetye Smit Bhaskar Riddhi Hitesh Radia Prashik Gautam Gawai Duhita Milind Narkhede Koli Yukta Fulaji	Riddhi Hitesh Radia riddhiradia014@gmail.com
7.	Team nerds	Yash Gutade Srushti Talekar Suraj yadav Tiwari Anurag Santosh Anand Yadav Vishwakarma Pawankumar Shitalaprasad	Suraj yadav sy8070068871@gmail.com
8.	Preci-zen	Jayparth More Rahul Dulvi Mohd. Tarique Khan Pandurang (Pavan) Karalkar Pallavi Mahendra Deokar Rajesh Shripati Jar	Jayparth More moreparth123@gmail.com

Judging Process:

Once a team comes forward to present the solution of their problem statement before the jury panel, they are taken through a question-and-answer session where each and every member is asked questions about the project and they are assessed according to their understanding of the project.

- First round of evaluation, 4 judges for team evaluation (10 min per team, 7 min presentation and 3 min Q & A).
- Expert mentoring session 5-7 minutes per team.
- Second round of evaluation, 4 judges for team, evaluation based on evaluating implementation of ideas.

Evaluation based on the following factors:

1. Innovativeness of proposed solution.
2. Clarity and details in prescribed format.
3. Knowledge.
4. Feasibility of proposed solution.
5. Scale of impact.

Judges Details:

1. Mr. Raj Nikam,
Designation: Software developer
Company name: We3 Tech Works
2. Mr. Akshay Rahate
Designation: Open-Source Engineer
Company name: Voltron Data
3. Dr. Uttara Gogate
HOD, Computer Engineering Department
4. Dr. Bhavana Thakur, Associate Professor and Dean R&D
EXTC Department.





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Deep Prajwalan



Judges Panel



Dombivli, Maharashtra, India

Falicitation to Principal Dr. P.R.Rodge





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Falicitation to Dr. Uttara gogate



Falicitation to Dr. Bhavna thakur





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Participating teams:



Team 1 : Infinites Team Leader : Tejas More



Team 2 : Code Warriors Team Leader : Ankit Pande



Team 3 : Couch Potatoes Team Leader: MiteshKamthe





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SIH 2022 Grand finale were organised at galgitia Univrsity Greater Noida on 25th to 26th August. Following teams Participated in Grand finale of Smart India Hackathon Competition Software Edition.

Sr. No.	Team Name	Name of the student	Position	Branch
1	Novachrono	Kamthe Mithesh R.	Team Leader	Computer
		Palkar Ayush S.	Member	Computer
		Yadav Apala D.	Member	EXTC
		Gopal Sakshi S.	Member	Computer
		Sali Shantanu R.	Member	Computer
		Deo Samruddhi S.	Member	Computer
2	Preci-Zen	More Jayparth	Team Leader	Computer
		Dalavi Rahul	Member	Computer
		Jar Rajesh	Member	Computer
		Deokar Pallavi	Member	Computer
		Pandurang karalkar	Member	Computer
		Mohd. Tarique Khan	Member	Computer





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Participation in All india level: Team 1



Team 2





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Final Round of evaluation AT SIH 2022 Grand Finale

Prof Diksha Bhawe
Event Convenor



Dr. P.R. Rodge
Principal
PRINCIPAL
Shivajirao S. Jondhale
College Of Engineering
Dombivli (E) Dist. Thane



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Events: Internal Hackathon

Venue: Seminar Hall, F Building

Date : 14th September 2023

A hackathon is a competitive event where programmers, developers, and others involved in software and hardware development collaborate actively on software or hardware projects. It's an innovation marathon, where the participants are incentivized to innovate to create solution to Real-Life problem. The Smart India Hackathon (SIH) is a nationwide initiative of the Government of India to provide a platform for students to solve some of the critical problems we face in our daily lives. The aim is to challenge students to think outside the box and provide innovative ideas to create intelligent applications that will help improve the lives of millions of Indians. To send the teams of students for the grand finale, Internal hackathon is conducted within the college to fulfil the required number teams. It gave students opportunity to think outside of box and helped them to develop team skills for their future ventures.

Participating teams:

Team No.	Team Name /Problem statement	Members	Team Leader and mail id
1.	Genesis/Pro Planet Person App.	Ayush Sandip Palkar Adheesh Vinod Bari Aarya Mahesh Jadhav Sakshi Sunil Gopal Ankit Budhaji Bhavarthe Prasad Amol Kulkarni	Ayush Sandip Palkar ayush.palkar1@gmail.com
2.	Code Crunchers/ AI based generative design for hydropower plants.	Divyam Amit Singh Aryan Atul Srivastav Mayur Datta Shelke Sakshi Pravin Kumar Tiwari Nandini Srinivas Pamu Sonal Vijay Tiwari	Divyam Amit Singh divyamsingh1918@gmail.com
3.	Hexatech/ App-Based Solution to identify and solve disease in plants/crops	Vivek Pramod Kalwar Alok Indrajit Bind Manish Suryabhan Prajapati Aaditya Shrikrushna Revandkar Kareena Uddhav Darade Adarsh Neelkanth Tripathi	Vivek Pramod Kalwar vivekkalwar95@gmail.com
4.	Geek Bytes/ Student dropout analysis for school education	Mahesh Gajanan Wagh Sumit Hanumant Chaudhari Saurabh Natha Gharat Prachiti Vijay Yadav Akanksha Ravindra Bhagat Sakshi Rupesh Sonavane	Mahesh Gajanan Wagh maheshwagh979@gmail.com
5.	The Bit Bandits/ Online Blockchain based certificate generation and validation system for government organization	Mitesh Rajesh Kamthe Shantanu Ravindra Sali Prabel Amit Pandey Aditya Radheshyam Sharma Vishnu Sangram Yelde Neha Santosh Andhare	Mitesh Rajesh Kamthe miteshkamthe@gmail.com





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6.	Vigilancer's/ App-Based Solution to identify and solve disease in plants/crops	Preeti Raosaheb Patil Prajyot Jaideo Wankhade Om berde Nandkumar Sashmita Mahapatro Yash Bhambre Khushi Badgujar	Preeti Patil preetipatil448@gmail.com
7.	AI Architects/ To detect phishing domains using AI/ML.	Duhita Milind Narkhede Prachi Sangmeshwar Patil Shubham Mangesh Chavan Subhojit Dibakar Jana Suraj Ramadnya Chauhan Pranali Annasaheb Ghuge	Duhita Milind Narkhede duhu04@gmail.com

Judging Process:

Once a team comes forward to present the solution of their problem statement before the jury panel, they are taken through a question-and-answer session where each and every member is asked questions about the project and they are assessed according to their understanding of the project. The significant factor of the judging process is how explicit yet how brief the presentation is made. The judges then assign the marks according to the above discussed factors.

- First round of evaluation, 4 judges for team evaluation (10 min per team, 7 min presentation and 3 min Q & A).
 - Expert mentoring session 5-7 minutes per team.
 - Second round of evaluation, 4 judges for team, evaluation based on evaluating implementation of ideas.
- Evaluation done based on the following factors:
1. Innovativeness of proposed solution.
 2. Clarity and details in prescribed format.
 3. Knowledge.
 4. Feasibility of proposed solution.
 5. Scale of impact.

Judges Details:

1. Mr. Mangesh Suryawanshi
Business transformation, IBM
2. Mr. Raj Nikam
Software Developer, Motilal Oswal Finance services LTD.
3. Dr. Uttara Gogate
HOD Computer Engineering Department, SSJCOE, Dombivli (E)
4. Dr. Savita Sangam
HOD Computer Engineering Department, SSJCOE, Dombivli (E)





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Deep Prajwalan



Falicitation





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1st rank



2nd Rank



3rd Rank





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participating teams:





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Question and answer session:



Selected teams will represent our institute in grand finale.

Prof. Diksha Bhawe
Event convenor

Dr. P.R. Rode
Principal

PRINCIPAL
Shivajirao S. Jondhale
College Of Engineering
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Our institute has a vision to impart a quality technical education for creating competent and ethically strong professionals. College intends to provide a friendly and healthy environment to students. Institute has developed some of the best practices to achieve the vision and mission. Two of the practices are elaborated here are:

BEST PRACTICE 2:

1. Title of the Practice: Promoting cultural diversity

2. Objective:

- To respect and appreciate cultural diversity.
- To promote the understanding of unique cultural and ethnic heritage.
- To promote the development of culturally responsible and responsive curricula.
- To facilitate acquisition of the attitudes, skills and knowledge to function in various cultures.
- To eliminate racism and discrimination in society.
- To achieve social, economic and educational equity

3. The Context:

Essentially, cultural diversity is about bringing people together from a diverse set of backgrounds and cultures, then creating an environment that not only recognizes the differences between those cultures and backgrounds, but celebrates them.

4. The Practice:

Marathi Vangmay mandal and Student Council of institute organizes various programmes as Marathi bhasha divas, Matru bhasha divas, Shivaji Jayanti, Dandiya, Traditional Day etc. Every year a theme is decided and Students and staff participate in variety of cultural programme.

5. Evidence of Success:

Reports with photographs of the events are attached.

6. Problems encountered and resources required:

Many students are not able to concentrate on academics and are more involved in cultural events. Getting Financial support for transport, arrangements and refreshments is difficult as there is no separate funding.



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Name of activity: Shivaji Jayanti Celebrations-19thFeb 2023

Venue: Reception area,SSJCOE

Shivaji Maharaj established a royal name for himself in history with his administrative skills by upholding the Swarajya values and the Maratha heritage. To celebrate his glory, Shivaji Maharaj Jayanti was celebrated on 19th Feb 2022 in the college with great pomp. The statue of Chhatrapati Shivaji Maharaj was garlanded and students and staff paid their respects to the great warrior. It was followed by cultural performances that included Powada, speech on life of Shivaji Maharaj and few traditional dance performances.

No. of participants: 46



Pooja preparations for Shivaji Jayanti



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Students and staff gathered for the celebrations



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Principal, Dr. P.R.Rodge paying respect to Chatrapati Shivaji Maharaj



Chitale

Prof. Sandhya Chitale
Member, Marathi Vangmay Mandal

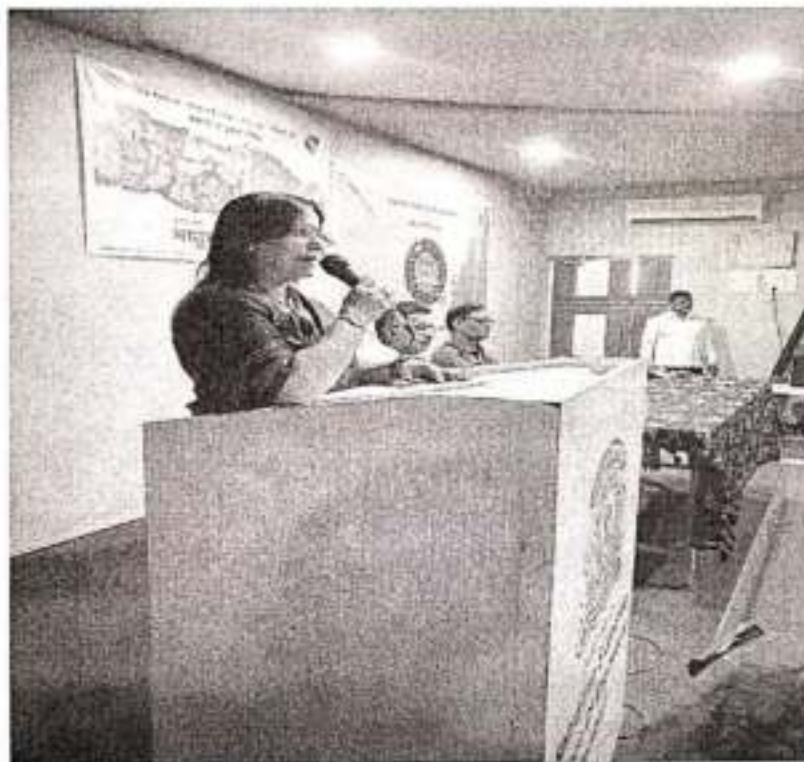


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Name of the activity: Matru Bhasha Divas, 21 February 2023
Venue: Seminar Hall, F wing.

Honouring the 300 languages of India, Marathi Vangmay Mandal, SSJCOE had organized Matru Bhasha Divas on 21 February 2023, Yuva- 2023 and invited students to celebrate "Glory to our mother tongue". To showcase their mother tongue, students gave singing performances in their mother tongue and also participated in various cultural regional programmes.

No. of students attended:43



Inauguration ceremony



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Students dressed in their traditional regional dresses



Students giving singing performances in their mother tongue



Chitale
Prof. Sandhya Chitale
Member, Marathi Vangmay Mandal



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Name of the activity: Marathi Bhasha Divas- 28-2-23

Venue: Seminar Hall, F wing

Marathi Bhasha Divas program organized by Marathi Vangmay mandal, SSJCOE and Student council of institute. Many cultural events and competitions were organized and conducted by the students. The chief guest of the function was Mr. Dinkar Jadhav, senior clerk Exam section SSJCOE. He was honoured and felicitated by the principal, Dr. P.R.Rodge on the publication of his Marathi poetry book "Gandh Nava".

No. of students present : 136



Puja ceremony: Principal, Chief guest and mandal members



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Mr. Dinkar Jadhav, senior clerk Exam section, SSJCOE being felicitated by the principal, Dr. P.R. Rodge



Cultural Dance Performances by students



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SSJCOE Students gathered for Marathi Bhasha Divas



Prof. Sandhya Chitale
Member, Marathi Vangmay Mandal