SSBT's College of Engineering and Technology, Bambhori Jalgaon
(Included under section 2 (f) and 12(B)of the UGC Act, 1956)
Grade A (3.14) NAAC Accredited

Activity Report

Academic Year	2024-25
Program Driven by	Inter Institutional Idea Hackathon
Quarter	I
Program / Activity Name	Inter Institutional Idea Hackathon
Program Type	Inter Institutional Idea Hackathon
Program Theme	Innovation
Start Date	06-09-2024
End Date	06-09-2024
Duration of the Activity (in Mins)	600
Number of Student Participant	350 (65 Groups)
Number of Faculty Participant	25
Number of external Participant	--
Expenditure Amount in Rs.	
Any Remark	--
Mode of Session Delivery	Offline
Objective	This Hackathon aims to foster a culture of innovation and coding among SSBTians students, enabling them to brainstorm and provide cutting-edge solutions to relevant problem statements.
Benefit in terms of Learning / Skills / Knowledge obtained	The top-performing teams and their solutions will be in contention to represent SSBTians at the Smart India Hackathon 2024, competing on a national stage.
Feedback	
Video url (mp4)	
Photograph 1 (jpg)	Attached
Photograph 2 (jpg)	Attached
Overall report of the Activity (pdf)	As given below

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<u>Overall report of the Activity</u>

The goal of a hackathon is to create functioning software or hardware by the end of the event. Hackathons tend to have a specific focus, which can include the programming language used, the operating system, an application, an API, or the subject and the demographic group of the programmers.

Hackathons typically start with communication via a presentation or a web page from the hosting organization that mentions the objectives, terms, and details of the hackathon. Developers register to participate in the hackathon and are qualified after the organization screens their background and skills.

Types of hackathons

1. For an application type
2. Using a specific programming language, API, or framework
3. For a cause or purpose
4. As a tribute or a memorial
5. For a demographic group
6. For internal innovation and motivation
7. To connect local tech communities
8. Code sprints

On the behalf of SSBT's College of Engineering and Technology and all faculty and students Thanks to IIC and the Team to provide such a wonderful platform for our college to organize the program.

Coordinator

Dr. P. H. Zope

Internal Hackathon 2024

Date :06/09/2024

Venue: Department of Computer Engineering Class Room No: 114, 313, and 325

Date: 06/9/2024   **Time: 10:30 - 5:00 P.M.**

Aim / Purpose: Nomination for Smart India Hackathon 2024

Objectives: Through this competition students can

1. Harness creativity & expertise of students
2. Spark institute-level hackathon
3. Build funnel for 'Startup India' campaign
4. Crowd source solutions for improving governance and quality of life
5. Provide opportunity to citizens to provide innovative solutions to India's daunting problems

Participant's Profile: The team of Six students from any branch from any year can participate in this competition.

Problem Statements: Following are the few sample problem statement ID selected for Internal Hackathon: SIH1656, SIH1597, 1600, SIH1639, SIH1536, SIH1638, 1598, 1631, 1605, SIH1633, 1640, SIH1598, SIH 1664, SIH 1710, SIH 1582, SIH1607, SIH1637 etc..

Description about the Program: Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. The last edition of the hackathon saw over 5 million+ students from various colleges compete for the top prize at 65+ locations. In SIH, the students would have the opportunity to work on challenges faced within various Ministries, Departments, Industries, PSUs and NGOs to create world class solutions for some of the top organizations including industries in the world, thus helping the Private sector hire the best minds from across the nation

Participation Statistics: As per the guidelines of SIH2024 team, Top 50 teams (Shortlisted 45 + waiting 5) should be nominated by the College for final Smart India Hackathon Competition. Computer department conducted Internal Hackathon on 6th Sept. 2024 for which 50 teams participated from all the departments.

Judging Process: Judges for the Internal Hackathon were Dr. S. A. Thakur, Dr. V.M Deshmukh, Dr. Krishana Shrivastva, Dr. S.R. Suralkar, and Dr. D. K. Kirange. Evaluation criteria was based on Novelty of Idea, Complexity, Clarity and details in prescribed format, Feasibility, Practability, Stainability, Scale of impact, User experience and Potential for future work progression. Based on above criteria, 45(40 Shortlisted & 5 waitlisted) teams shortlisted for final Smart India Hackathon 2024 competition.

Recommendations: As such type of events sharpens students technical skills and motivate them to solve real life technical problems, it should taken every year.

Photos:

1. Inauguration of Internal Hackathon Along with Dr. G. K. Patnaik, Principal SSBT COET Jalgaon

2.   Few snaps of Participating Teams

3.   Jury Panel along with Principal and SPOC

4.   Evaluation by Judges for Internal Hackathon 2024

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5. Evaluation by Judges for Internal Hackathon 2024

Dr. Akash D. Waghmare
SPOC (SIH 2024)
Asso. Professor
Dept. of Computer Engg.