



Technical Board Report for AY 2024-25

VISION

To be a recognized center of technical excellence that fosters research, innovation, and leadership by engaging students in nationally competitive platforms, thereby contributing to the advancement of knowledge and technology.

MISSION

The Technical Board is committed to cultivating innovation, research aptitude, and technical proficiency by organizing events in research paper writing, competitive programming, robotics, and hardware design, while hosting impactful intra- and inter-college technical fests. Through mentorship and collaboration, it empowers students to excel in national hackathons and AI/ML competitions, equipping them with the professional and leadership skills required to contribute effectively to academia, industry, and society.


Name of Faculty In-charge	
1	P. B. Karandikar
2	Ashwini Sapkal
3	R. B. Gurav
4	Ganesh Munde
5	P. R. Sonawane
Name of Past Student Secretaries	
1	Nabajit Das
2	Nisha Dhaka
Budget Allocated by the Institute	Rs 11,10,000/-
Sponsorship Received	Rs 2,20,000/-

Name of activities/events conducted		
Sr. No.	Name of activity	Type (Inter/Intra College)
1	Snaphunt	Intra College
2	Aryabhatta Quiz	Intra College
3	TechElevate	Intra College
4	Technical Aakriti	Intra College
5	Solutions	Inter College
6	Solvex	Inter College
7	Vulcan	Intra College

Name and Sign of Club/ Cell/ Session IC




Snaphunt

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/aittechnicalboard?igsh=MT
Academic Year	2024-2025
Name of coordinator	Nisha Dhaka and Nabajit Das
Program/Activity/Name	Snaphunt
Select one of the Program Type (Workshop/FDP/Seminar/Conference/Other)	Other
Start Date	30/07/2024
End Date	30/07/2024
Mode of Session delivery (Offline/Online)	Offline
Number of Student Participants	450+
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	
Objectives of activity (min 2)	1.)To foster teamwork and collaboration among first-year students 2.)To promote critical thinking and problem-solving skills
Description of activity	It is a riddle-based location hunt where participants solve clues to reach designated spots across the campus. Designed to boost collaboration and critical thinking
Faculty Name (Faculty involved in organizing event)	Dr. P B Karandhikar & Prof. P R Sonawane
Student Name (student involved in organizing event)	Nisha Dhaka and Nabajit Das
Video URL (optional)	
Geo tagged Photograph1	

Name and Sign of Club/ Cell/ Session IC



Geo tagged Photograph2	
Session Plan/Brochure/Documents/overall report of the event	
Program Outcomes (POs)	<ul style="list-style-type: none">• Develop problem-solving and critical thinking skills.• Strengthen teamwork and collaboration.• Increase campus familiarity and engagement.

Name and Sign of Club/ Cell/ Session IC


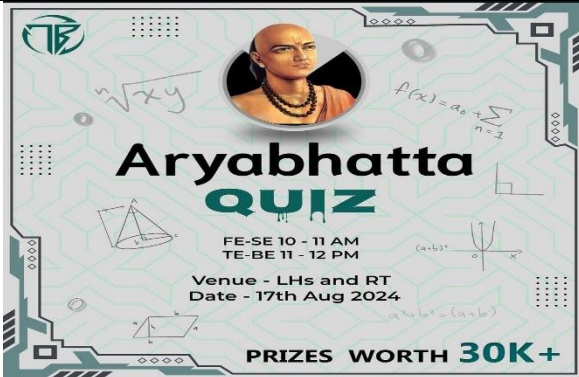


Aryabhata Quiz

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/aittechnicalboard?igsh=MT
Academic Year	2024-2025
Name of coordinator	Nisha Dhaka and Nabajit Das
Program/Activity/Name	Aryabhata Quiz: A Club Collaboration
Select one of the Program Type (Workshop/FDP/Seminar/Conference/Other)	Other
Start Date	17/08/2024
End Date	17/08/2024
Mode of Session delivery (Offline/Online)	Offline
Number of Student Participants	180+
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	
Objectives of activity (min 2)	1.) To enhance and evaluate students' logical reasoning and problem-solving skills 2.) To promote analytical thinking and healthy academic competitionx
Description of activity	A competitive Maths Quiz designed to test and strengthen students' problem-solving and logical reasoning skills across all academic years.
Faculty Name (Faculty involved in organizing event)	Dr Ganesh Mundhe & Prof P R Sonawane
Student Name (student involved in organizing event)	Nisha Dhaka and Nabajit Das
Video URL (optional)	-

Name and Sign of Club/ Cell/ Session IC



Geo tagged Photograph1	
Session Plan/Brochure/Documents/overall report of the event	
Program Outcomes (POs)	<ul style="list-style-type: none">• Enhance problem-solving and logical reasoning abilities.• Promote healthy competition and peer learning across academic years.• Build confidence in applying mathematical concepts effectively.

Name and Sign of Club/ Cell/ Session IC

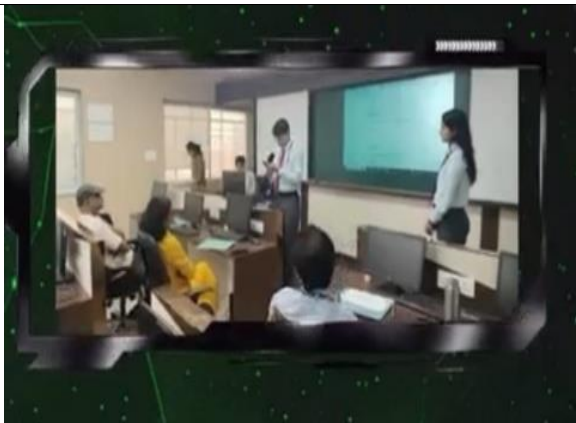




TechElevate

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/aittechnicalboard?igsh=MT
Academic Year	2024-2025
Name of coordinator	Nisha Dhaka and Nabajit Das
Program/Activity/Name	TechElevate
Select one of the Program Type (Workshop/FDP/Seminar/Conference/Other)	Other
Start Date	Round 1- 08.09.2024
End Date	Round 2-18.09.2024
Mode of Session delivery (Offline/Online)	Offline
Number of Student Participants	400+
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	
Objectives of activity (min 2)	<p>1.To foster and showcase innovative solutions (both software and hardware) that address real-world challenges, encouraging participants to "disrupt the norm" and "drive real change".</p> <p>2.To provide a collaborative platform for AITians to apply their technical skills, develop impactful projects, and contribute to shaping the future, ultimately recognizing and rewarding leading innovators.</p>
Description of activity	TechElevate" is an innovation event for students, challenging both software and hardware creators to develop disruptive solutions for real-world problems. It's an opportunity to build impactful projects, shape the future, and win exciting prizes for leading the way in innovation.
Faculty Name (Faculty involved in organizing event)	Dr.Ashwini Sapkal & Dr R B Gurav

Name and Sign of Club/ Cell/ Session IC



Student Name (student involved in organizing event)	Nisha Dhaka and Nabajit Das
Video URL (optional)	-
Geo tagged Photograph1	
Geo tagged Photograph2	
Session Plan/Brochure/Documents/overall report of the event	
Program Outcomes (POs)	<ul style="list-style-type: none"> • Foster innovation by developing practical software and hardware solutions. • Strengthen teamwork, creativity, and entrepreneurial thinking. • Provide hands-on experience in building impactful projects for real-world challenges.

Name and Sign of Club/ Cell/ Session IC






Technical Aakriti

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/aittechnicalboard?igsh=MT
Academic Year	2024-2025
Name of coordinator	Nisha Dhaka and Nabajit Das
Program/Activity/Name	Technical Aakriti
Select one of the Program Type (Workshop/FDP/Seminar/Conference/Other)	Other
Start Date	30/01/2025
End Date	03/02/2025
Mode of Session delivery (Offline/Online)	Offline
Number of Student Participants	350+
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	
Objectives of activity (min 2)	1.) To cultivate technical excellence and healthy competition among students 2.) To encourage cross-branch collaboration and unity
Description of activity	A premier inter-house technical competition that brought together students from all branches to compete in innovative and collaborative challenges under the banner of Technical Aakriti.
Faculty Name (Faculty involved in organizing event)	Dr.R B Gurav & Dr P B Karandhikar

Name and Sign of Club/ Cell/ Session IC



Student Name (student involved in organizing event)	Nisha Dhaka and Nabajit Das	
Video URL (optional)	https://www.instagram.com/reel/DFLTDOyNqH8/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFIZA==	
Geo tagged Photograph1		
Geo tagged Photograph2		
Session Plan/Brochure/Documents/overall report of the event		
Program Outcomes (POs)	<ul style="list-style-type: none">• Encourage cross-branch collaboration and knowledge sharing.• Enhance creativity and innovation through technical challenges.• Build teamwork, leadership, and problem-solving skills in a competitive environment.	




Name and Sign of Club/ Cell/ Session IC



Solutions

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/aittechnicalboard?igsh=MT
Academic Year	2024-2025
Name of coordinator	Nisha Dhaka and Nabajit Das
Program/Activity/Name	Solutions
Select one of the Program Type (Workshop/FDP/Seminar/Conference/Other)	Other
Start Date	03/04/2025
End Date	06/04/2025
Mode of Session delivery (Offline/Online)	Online/Offline
Number of Student Participants	300+
Number of Faculty Participants	0
Number of External Participants, If any	10000+
Expenditure Amount, If any	
Objectives of activity (min 2)	1.)To give students a chance to show their talents and improve their technical skills through fun and challenging event. 2.)To bring together students from different places to share ideas, learn from each other, and build something exciting together.
Description of activity	Solution was a fun and energetic tech fest where student from different places came together to compete in events like coding, robotics, AI, and circuit challenges, while learning and sharing ideas
Faculty Name (Faculty involved in organizing event)	Dr.Ashwini Sapkal & Dr P B Karandhikar
Student Name (student involved in organizing event)	Nisha Dhaka and Nabajit Das
Video URL (optional)	-


Name and Sign of Club/ Cell/ Session IC

Geo tagged Photograph1	
Geo tagged Photograph2	
Session Plan/Brochure/Documents/overall report of the event	
Program Outcomes (POs)	<ul style="list-style-type: none"> • Promote innovation and knowledge exchange among students from diverse backgrounds. • Strengthen technical skills in coding, robotics, AI, and circuit design. • Foster collaboration, creativity, and competitive spirit through engaging challenges.






Name and Sign of Club/ Cell/ Session IC



Solvex

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.co/aittechnicalboard?igsh=MT
Academic Year	2024-2025
Name of coordinator	Nisha Dhaka and Nabajit Das
Program/Activity/Name	Solvex
Select one of the Program Type (Workshop/FDP/Seminar/Conference/Other)	Other
Start Date	05.04.2025
End Date	06.04.2025
Mode of Session delivery (Offline/Online)	Offline
Number of Student Participants	200
Number of Faculty Participants	0
Number of External Participants, If any	400+
Expenditure Amount, If any	
Objectives of activity (min 2)	1.To offer dynamic platform for training students on new tools or methodologies in a hands-on manner. 2.To foster a culture if creativity and encourage intrapreneurship by giving staff ownership and freedom to experiment beyond routine tasks.
Description of activity	"Solvex" is a 24 hour offline hackathon for students, challenging both software and hardware creators to develop disruptive solutions for real-world problems.
Faculty Name (Faculty involved in organizing event)	Dr.R B Gurav & Prof P R Sonawane
Student Name (student involved in organizing event)	Nisha Dhaka and Nabajit Das
Video URL (optional)	

Name and Sign of Club/ Cell/ Session IC

<p>Geo tagged Photograph1</p> <p>(JPEG Format max size 2 Mb which shows strength of audience with speaker)</p>	
<p>Geo tagged Photograph2</p> <p>(JPEG Format max size 2 Mb which shows strength of audience with speaker)</p>	
<p>Session Plan/Brochure/Documents/overall report of the event</p>	
<p>Program Outcomes (POs)</p>	<ul style="list-style-type: none"> • Enhance innovation and problem-solving through real-world challenges. • Strengthen teamwork, creativity, and technical expertise. • Provide hands-on experience in building impactful software and hardware solutions.



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Vulcan

Required Field	Information to be filled
Link for publicity on Social media (Facebook//twitter/Instagram)	https://www.instagram.com/aittechnicalboard?igsh=MT
Academic Year	2024-2025
Name of coordinator	Nisha Dhaka and Nabajit Das
Program/Activity/Name	Vulcan
Select one of the Program Type (Workshop/FDP/Seminar/Conference/Other)	Other
Start Date	Round 1 23.01.2025
End Date	Round 2 27.01.2025
Mode of Session delivery (Offline/Online)	Offline
Number of Student Participants	100
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	
Objectives of activity (min 2)	1.To promote a culture of research and innovation among students by encouraging them to explore technical papers on emerging fields 2.To provide a platform for knowledge exchange and critical thinking.
Description of activity	"Vulcan" focuses on fostering research and academic excellence among students.It provides a platform for participants to present their technical research papers on innovative ideas and emerging technologies
Faculty Name (Faculty involved in organizing event)	Dr.Ashwini Sapkal & Dr Ganesh Mundhe
Student Name (student involved in organizing event)	Nisha Dhaka and Nabajit Das
Video URL (optional)	

Name and Sign of Club/ Cell/ Session IC



<p>Geo tagged Photograph1</p> <p>(JPEG Format max size 2 Mb which shows strength of audience with speaker)</p>	
<p>Geo tagged Photograph2</p> <p>(JPEG Format max size 2 Mb which shows strength of audience with speaker)</p>	
<p>Session Plan/Brochure/Documents/overall report of the event</p>	
<p>Program Outcomes (POs)</p>	<ul style="list-style-type: none">• Promote research culture and academic excellence among students.• Provide exposure to emerging technologies and innovative ideas.• Enhance presentation, communication, and technical writing skills.

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