



ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra
& Affiliated to University of Mumbai - Estd. 1999 - 2000)

ISO 2100:2018 ISO 14001:2015 ISO 9001:2015

NAAC Accredited A+

COLLEGE DEVELOPMENT COMMITTEE

ANNUAL REPORT 2024-25



ATHARVA EDUCATIONAL TRUST'S
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276As per Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017) clause 97, a College Development Committee (CDC) was established on 1st October 2017 to 31st August 2022, at Atharva College of Engineering. The College Development Committee shall meet at least four times in a year.

Members:

Elected and Nominated members shall have a term of five years from the date of election or nomination. If any vacancy occurs in the office of such a member, the vacancy shall be filled within three months by the Principal and the member so appointed shall hold office for the residual term for which the earlier member shall have held the office if the vacancy had not occurred.

Role of CDC

- (a) prepare an overall comprehensive development plan of the college regarding academic, administrative and infrastructural growth, and enable college to foster excellence in curricular, co-curricular and extra-curricular activities;
- (b) decide about the overall teaching programmes or annual calendar of the college ;
- (c) recommend to the management about introducing new academic courses and the creation of additional teaching and administrative posts ;
- (d) take review of the self-financing courses in the college, if any, and make recommendations for their improvement
- (e) make specific recommendations to the management to encourage and strengthen research culture, consultancy and extension activities in the college ;
- (f) make specific recommendations to the management to foster academic collaborations to strengthen teaching and research ;
- (g) make specific recommendations to the management to encourage the use of information and communication technology in teaching and learning process ;
- (h) make specific recommendations regarding the improvement in teaching and suitable training programmes for the employees of the college ;



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- (i) prepare the annual financial estimates (budget) and financial statements of the college or institution and recommend the same to the management for approval ;
- (j) formulate proposals of new expenditure not provided for in the annual financial estimates (budget) ;
- (k) make recommendations regarding the students' and employees' welfare activities in the college or institution ;
- (l) discuss the reports of the Internal Quality Assurance Committee and make suitable recommendations ;
- (m) frame suitable admissions procedure for different programmes by following the statutory norms ;
- (n) plan major annual events in the college, such as annual day, sports events, cultural events, etc. ;
- (o) recommend the administration about appropriate steps to be taken regarding the discipline, safety and security issues of the college or institution ;
- (p) consider and make appropriate recommendations on inspection reports, local inquiry reports, audit report, report of National Assessment and Accreditation Council, etc.
- (q) recommend the distribution of different prizes, medals and awards to the students.
- (r) prepare the annual report on the work done by committee for the year ending on the 30th June and submit the same to the management of such college and the university ;
- (s) perform such other duties and exercise such other powers as may be entrusted by the management and the university



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Member List of CDC 24-25



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Atharva College of Engineering

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(ISO 9001:2015, 21001:2018, 14001:2015)

S. No. 263, Plot No. 8-12, Malad-Marve Road, Charkop Naka, Malad (West), Mumbai - 400 095, INDIA
Tel.: +91-22-4029 4949 • Email : ace@atharvacoe.ac.in • Website : www.atharvacoe.ac.in

RefNo. ACE/CDC/102.8/2024

College Development Committee 2024-2025

As Per "Maharashtra Government Gazette", on the 11th January 2017.
The Members of the College Development Committee from 22nd August 2022

Sr.No.	Name of the Members	Position
1	Shri. Sunil Rane	Chairperson of the Management
2	Dr. P. N. Nemade	Nominee of the Secretary of the Management
3	Dr. Bhavin Shah	Head of Department nominated by the Principal
4	Dr. Pragya Jain	Co-coordinator Internal Quality Assurance Cell
5	Dr. Rajendra Mahajan	Teacher in the College or Recognized Institution
6	Dr. Ritu Sharma	Teacher in the College or Recognized Institution
7	Dr. Jyoti Mali	Teacher in the College or Recognized Institution
8	Ms. Deepali Shinde	Non-Teaching Employee
9	Prof. J.M.Nair(Academics)	Nominee of the chairperson ex – officio Chairperson Local person Nominated by Management in Consultation with Principal
10	Mr. Ashweni Jain (Industry)	Local person Nominated by Management in Consultation with Principal
11	Mr. Sarang Ambadkar (Research)	Local person Nominated by Management in Consultation with Principal
12	Dr. Aman Chawla (Social)	Local person Nominated by Management in Consultation with Principal
13	Mr.Chaitanya Dandekar	President of College Student Council (Ex-officio)
14	Ms.Pranjal Zende	Secretary of College Student Council (Ex-officio)
15	Dr.Ramesh Kulkarni	Principal of college (Member Secretary) Ex-officio

Date:9th July 24




Dr. Ramesh Kulkarni
Principal, ACE



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Academic calendar 2024 Odd Sem(July 24-Dec 24)

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ACADEMIC CALENDER ODD SEMESTER '24 (JULY TO DECEMBER)						
Month	Week	Date	Academic Activities	Curricular Plan (FE, SE, TE, BE)	Holidays	
July	Week 1	1st July	Faculty Meeting with Principal			
			Department Meeting			
			Session Plan Submission to HOD			
			Display of Timetable on Dept. Noticeboard			
	Week 2	8th July			Commencement of New term (SE,	
		12th July		HOD & Principal Meeting		
	Week 3	16th July		IQAC Meeting		
		17th July				Muharram
		19th July		HOD & Principal Meeting		
		24th July		CDC Meeting		
Week 4	26th July		HOD & Principal Meeting			
August	Week 1	1st August		July Defaulters List (SE, TE, BE)		
		2nd August		HOD & Principal Meeting		
		7th August			Commencement of new term (FE)	
	Week 2			HOD & Principal Meeting		
		8th August		Faculty Meeting with Principal	1 month Induction Program FE	
		9th August		HOD & Principal Meeting		
	Week 3	14th August				
		15th August				Independence Day
		15th August				Pateti
	Week 4	23rd August		HOD & Principal Meeting		
	Week 5	26th August				Janmashtami
		27th August				
		28th August		Department Meeting		
28th August			IAT 1 QP Submission			
30th August			IAT 1 Exam Schedule			
	45533		HOD & Principal Meeting			
September	Week 1	2nd September		August Defaulters List (SE, TE, BE)		
		3rd September		IAT 1	IAT 1 (SE, TE, BE) (3,4,5)	
		7th - 11th		HOD & Principal Meeting		Ganpati Festival
	Week 2	12th September		Department Meeting for exams		
		13th September		Faculty Meeting with Principal		
				HOD & Principal Meeting		
		13th September		Project Exhibition (Engineer's Day - 15th September)		
	Week 3	16th September				Eid-e-Milad
		18th - 20th		IAT 1	IAT 1 (FE) (18, 19, 20 Tentative)	
		19th September		AAC Meeting		
	Week 4	20th September		HOD & Principal Meeting		
		23rd September		IAT 1 marks submission in dept.		
		24th September			Display of Results to Students	
		27th September		HOD & Principal Meeting	PTM Meeting with Defaulters	
	Week 5			ISTE approved STTP on AI, ML, DS		
		30th September		Department Meeting		



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Academic calendar 2025 Even Sem(Jan 25-May 25)

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Month	Week	Date	Academic Activities	Curricular Plan (FE,SE,TE,BE)	Holidays
January	Week 1	2nd Jan	Faculty Meeting with Principal Department Meeting Session Plan submission to HOD Display of Timetable on dept. notice board		
	Week 2	6th Jan		Commencement of new term (SE, TE,BE)	
		10th Jan	HOD & Principal Meeting		
	Week 3	15th Jan	IQAC Meeting	Commencement of new term (FE)	
		17th Jan	HOD & Principal Meeting		
	Week 4	20th Jan	TE IV Batch 1 (20th to 28th Jan) TE IV Batch 2 (23th to 31st Jan)		
		22nd Jan	HOD & Principal Meeting		
		24th Jan	CDC Meeting		
	Week 5	26th Jan			Republic Day
		27th Jan	HOD & Principal Meeting		
February	Week 1	3rd Feb		January Defaulters List (FE,SE,TE,BE)	
		5th Feb	HOD & Principal Meeting		
		7th Feb	FE IV Batch 1 (7th to 11th Feb) FE IV Batch 2 (9th Feb to 13th Feb)		
	Week 2	10th Feb	HOD & Principal Meeting		
		13th Feb	Faculty Meeting with Principal		
	Week 3	17th Feb	HOD & Principal Meeting		
		19th Feb			Shivaji Jayanti
		21st Feb	Conference ICSTEMSD		
		22nd Feb	BE IV (22nd Feb to 2nd March)		
	Week 4	24th Feb	HOD & Principal Meeting DAB Meeting		
		25th Feb	IAT I QP submission		
		26th Feb			Mahashivratri
		28th Feb	Department meeting IAT I Exam Schedule		
March	Week 1	3rd March		February Defaulter list(FE,SE,TE,BE)	
		5th March		FE,SE,TE,BE IA 1 Tentative (5th - 7th March)	
		7th March	HOD & Principal Meeting		
		10th, 11th, 12th March	Sports Day		
	Week 2	10th March	IAT I Marks Submission in dept. TEDX		
		13th March	HOD & Principal Meeting	AAC Meeting	
		14th March			Holi
	Week 3	17th March		Display of IAT - 1 Results to students	
		18th March		PTM of Defaulter Students	
		21st March	HOD & Principal Meeting		
	Week 4	23rd, 24th, 25th, 26th, 27th March			
		24th March	Faculty Meeting with Principal		
		30th March			Gudhi Padwa
	Week 5	31st March			Ramzan Eid



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		March Defaulter list		
April	Week 1	2nd April		
		3rd April	HOD & Principal Meeting	
		4th April	IAT 2 QP submission	
	Week 2	6th April	6,7,8,9 RHYTHM	
		7th April	IAT1 Exam Schedule	
		10th April		
		11th April	HOD & Principal Meeting	
	Week 3	14th April		
		15th April	HOD & Principal Meeting	
		16th April	Department Meeting for Oral/Practical Exams	
		18th April	IAT 2 Marks Submission in dept.	
		19th April	Last Teaching Day of Semester	
			Display of IAT - 2 Results to students	
	Week 4	21st April	Oral/Practical Exams (21st - 30th April)	
		22nd April	PTM of Defaulter students	
	Week 5	28th April	HOD & Principal Meeting	
		29th April	HOD & Principal Meeting	
		30th April	Faculty Meeting with Principal	
May	Week 1	1st May		
		2nd May	April Defaulter list	
	Week 2	5th May	HOD & Principal Meeting	
		6th May	Faculty Meeting with Principal	
		9th May	Department Meeting for End Sem	
	Week 3	12th May		
		13th May	Even End Sem FE,SE,TE,BE (13 May- 31 May)	
		15th May	HOD & Principal Meeting	
	Week 4	22nd May	HOD & Principal Meeting	
	Week 5	28th May	HOD & Principal Meeting	
	Total Instructional days (FE,SE,TE,BE)		86	Total Working Days (FE,SE,TE,BE)
				97
*Subjected to change as per UOM notification and also depends on completion of examinations *Training for placements of 2025 batch scheduled at department level. *Workshops, Seminars, Department meetings, DAB should be conducted at the department level. (Online/Offline)				
Copy to Director/ VP Admin and HR/ HOD EXTC / HOD ECE / HOD INFT / HOD CMPN / HOD ELEC / HOD IAS / GS / Academic Head				
Date:-				
 VP Academics Atharva College of Engineering Dr. Pragya Jain		 Principal Atharva College of Engineering Dr. Ramesh Kulkarni		





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Conference ICSTEMSD 25

Report of Inauguration on International Conference on Science Technology Engineering & Mathematics for Sustainable Development (ICSTEMSD 2025)

Inauguration of the International Conference on Science Technology Engineering & Mathematics for Sustainable Development (ICSTEMSD 2025) was on February 21, 2025. The theme of the conference was Smart Mobility, Technology and Sustainability. The conference was multidisciplinary in nature covering areas such as Science, Technology, and Society, Advances in Power and Energy Systems, Innovations in Communication and Signal Processing, Trends in Computing and Artificial Intelligence, Data and Digital Transformation and Embedded Electronics and Computing Systems.

Event started with Saraswati Vandana followed by opening remarks addressed by Dr. Kavita Bani, HoD – ECS Department, Conference Organizing Chair. Principal Dr. Ramesh Kulkarni explained the prominence of ICSTEMSD 2025 and its importance as a paramount hub for knowledge exchange and skill augmentation across various domains. Revealing of Conference Proceedings was done by guests.

Guest of Honor of the session was Dr. Pratapsingh Kakasaheb Desai, President of “International Society for Technology in Education”, New Delhi. Currently he is working on design and development of femur bone prosthesis research. Dr Pratapsingh Kakasaheb Desai delivered an insightful and engaging speech on the significance of the Indian Society for Technical Education (ISTE) and its crucial role in shaping the future of education through technology.

First Key-note speaker of the session was Dr Suresh A. Shan, Hon. Chairman, CSI Mumbai Advisory AICTE, Consultant MMFSL. He spoke about the importance of the conference in fostering discussions on technological innovation and the evolving relationship between corporate and academic ecosystems. He highlighted how such events serve as platforms for knowledge exchange, collaboration, and the promotion of new ideas that drive advancements in education, industry, and research.

Second Key-note speaker of the session was Dr. Nayan Bheda, Founder of Hashtech Ventures, Mumbai. He is an innovator, entrepreneur, and senior technology leader. He shared valuable insights on industries, entrepreneurship, and startups. He discussed the challenges and opportunities faced by aspiring entrepreneurs and emphasized the importance of innovation, adaptability, and strategic planning in building successful businesses.

Dr. Ramesh Kulkarni, Principal, ACE delivered the concluding remarks, summarizing key insights from the session and emphasizing their impact on education and industry.

Prof. Kshipra Pandey, Assistant professor, Electrical Department, Conference Co - Organizing Chair proposed the vote of thanks. Inauguration ended with paper and poster presentation in relevant track.



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Glimpses of the Inauguration of the conference:



Dr. Kavita Bani
Conference Organizing Chair



PRINCIPAL
ATHARVA COLLEGE OF ENGINEERING
MUMBAI

Dr. Ramesh Kulkarni
Principal - ACE



Technical Events:

Date – 06/10/23

IEEE TECHITHON 2024

Atharva College of Engineering's annual technical flagship fest, IEEE TECHITHON 2024, was a resounding success, held from September 25th to 27th, and centered around the theme "**INGENIA - INNOVATION UNLEASHED**".

“Ingenia” embodies the spirit of innovation, and imagination. Ingenia is not merely a theme; it’s an invitation to explore new horizons, to challenge conventional thinking and to create an environment where brilliant ideas can flourish. "Ingenia" is the spark that drives us to explore, innovate and achieve greatness. The fest received an overwhelming response from students, faculty, and dignitaries, emphasizing its significant impact.

This year's event was remarkable in many aspects, as it seamlessly blended both technical and cultural activities along with a spectrum of sports events. The heart of the fest was undoubtedly the technical project exhibition, which provided students with a platform to engage in various IEEE activities, collaborate on projects, and stay updated with the latest advancements in technology.

Below is the list of our technical projects exhibited in the IEEE TECHITHON 2024 :-

1. **SpectraLink** (Centre Model)
2. **Radiofence**: Frequency Vigilance, for a Safer Tomorrow
3. **Frequency Foe**: Disrupt the Signal, Disrupt the Threat
4. **AR Sandbox**: Transforming Reality
5. **Vocal Morse**: Encrypting Voice, Elevating Security
6. **ThrustIon**: Thrusting Boundaries, Expanding Possibilities
7. **RoboLimb**: A Helping Hand, A Newfound Freedom
8. **Flight Simulator**: Visualizing the Flight Experience
9. **Vend It**: Convenience at your Fingertips
10. **Veronica**: Assisting Humans, Enhancing Lives

In addition to the technical exhibitions and innovative projects, IEEE TECHITHON 2024 included a lineup of engaging events such as Hogathon, Treasure Hunt, laser Maze, Blind Coding, Deasign-A-Thon, Chess and many more.



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We were delighted to have eminent executives from tech companies present at our fest and deliver expert talks under Atharva Guest Lecture Series (AGLS). The Atharva Guest Lecture Series (AGLS), which features thought-provoking talks, offers a venue for aspiring engineers to gain knowledge on key topics. These seminars will be a useful addition to Atharva Guest Lecture Series (AGLS) because eminent speakers including **Mr. Kaushik Jethva**, Co-founder of Taken Studio delivered a session on “Startup, Tech, Motivation” on September 25, 2024, **Mr. Gautam Jain**, Founder of Mindcation delivered a session on “Marketing & Leadership” on September 27, 2024, and **Mr. Jayesh Mahajan**, Chief Technology Officer of Prioritas Innovations delivered a session on “Technology Tools, Resources and Trends for Future Ready Engineers” on September 28, 2024, sharing their expertise and making these sessions a valuable addition to the fest.

One of the highlights of IEEE TECHITHON 2024 was the 24-hour Hackathon named "**HACKDECK**" which received an overwhelming response from the coding community, providing a unique platform for aspiring coders to showcase their skills. This event surely added a vibrant and dynamic dimension to the overall IEEE TECHITHON 2024 experience.

The fest was graced by the august presence of our visionary leader, **Respected Hon. Shri. Sunil ji Rane Sir**, Executive President of Atharva Group of Institutes & MLA-Borivali, **Dr. Pravin Nemade Sir**, the director of Atharva College of Engineering, **Dr. Ramesh Kulkarni Sir**, the principal of Atharva College of Engineering and esteemed dignitaries.

The presence of Guest of Honors, **Mr. Satyajeet Varadkar**, Vice President & Zonal Head, Adani Electricity, Malad, **Star cast from the movie Binny & Family**, **Mr. Rajesh Kumar**, **Ms. Anjini Dhawan**, **Mr. Naman Tripathi** and our esteemed Title Sponsor **Mr. Calton Pereira**, Chief Executive Officer of the Chronicle Factory, along with **Mr. Pravin Shinde**, added to the fest's grandeur.

The annual technical flagship fest “**IEEE TECHITHON**” promotes engineering undergrads to demonstrate their technical prowess and promote Research, Technology & Innovation Vibe at Atharva. IEEE TECHITHON is a culmination of the work done by Young Tech Wizards.

For the ongoing advancements in technology and for encouraging innovation and research through the annual technical flagship fest, the IEEE Techithon, since its inception, **the IEEE Bombay section awarded The IEEE Student Branch of Atharva College of Engineering (IEEE STB62431) with the bronze affiliate award on April 22, 2024.**

IEEE Techithon is a cutting-edge platform that will serve as a hub for innovation, where students and professionals can gain invaluable knowledge and hands-on experience in creating extravagant projects. As a result, Atharva College of Engineering is a cutting-edge, promising place for young minds to become the greatest engineers of the future, serving the world.



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Glimpses of IEEE-Techithon





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ISTE ACTIVITIES (AY 2023-24)

Report of "2 weeks ISTE approved STTP on AI/ML and Data Science for Healthcare



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ACE/ STTP / ELEC -ECS/47 /23-24
03.07.2024

REPORT

STTP on IoT in Industrial Automation (24th June - 29th June 2024)

Event Name	STTP
Coordinators	Ms. Priynka Sharma & Ms. Sonia Fernandes
Venue	Atharva College of engineering, Malad(w) Mumbai
Date and Time	24th June - 29th June 2024, 9:00 -5:00
Target Audience	Faculty
Total Number of participants	32

The ISTE Approved Short Term Training Program (STTP) on IoT in Industrial Automation was held from 24th June to 29th June 2024 at Atharva College of Engineering, organized by the Department of Electrical and Department of Electronics and Computer Science Engineering. This program aimed to provide participants with practical knowledge and insights into the integration of IoT technologies in industrial automation processes

Details of Speakers and outcome of STTP

1. Dr. Y S Rao (Vice Principal, SPIT Andheri)

- **Keynote Topic:** Overview of IoT and its applications in industrial settings
 - Dr. Y S Rao provided a comprehensive introduction to IoT (Internet of Things) and its pivotal role in transforming industrial processes. He covered fundamental concepts such as sensor networks, data analytics, and IoT platforms. The session emphasized how IoT enhances efficiency, productivity, and decision-making in industrial automation.

2. Mr. Bhavin Darji (Director, Edutech Learning Solution)

- **Hands-on Session Topic:** Practical session on IoT technologies and applications



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- Mr. Bhavin Darji conducted a hands-on workshop where participants gained practical experience in setting up IoT devices, configuring sensors, and collecting data. The session focused on real-world applications of IoT in monitoring, control, and automation within industrial environments.

3. Dr. Pranav Nerurakar (Director, Utkarsh Minds, Mumbai)

- **Topic:** Energy Consumption Monitoring
 - Dr. Pranav Nerurakar discussed strategies and technologies for monitoring and optimizing energy consumption using IoT solutions. The session covered smart metering, energy analytics, and the integration of IoT with existing infrastructure to reduce energy costs and enhance sustainability in industrial operations.

4. Dr. Nilesh Kumar Rajalwal (Assistant Professor, Mesra)

- **Topic:** Industrial Control Systems and SCADA
 - Dr. Nilesh Kumar Rajalwal explored the role of SCADA (Supervisory Control and Data Acquisition) systems in industrial automation. He explained how SCADA facilitates real-time monitoring, control, and automation of industrial processes, highlighting its application in enhancing operational efficiency and reliability.

5. Dr. Shubham V Joshi (Associate Professor, Vishwakarma Institute of Technology, Pune)

- **Topic:** Privacy and Security Management in IoT
 - Dr. Shubham V Joshi addressed the critical aspects of privacy and security concerns associated with IoT deployments in industrial settings. The session covered encryption protocols, access control mechanisms, and best practices for safeguarding IoT-enabled devices and networks against cyber threats.

6. Dr. D V Singh (HOD & Professor, Department of Mechanical Engineering, IIST Indore)

- **Topic:** Emerging Technologies Shaping the Future of IoT in Industrial Automation
 - Dr. D V Singh explored the latest advancements and emerging technologies influencing the future of IoT in industrial automation. He discussed innovations such as edge computing, AI (Artificial Intelligence), machine learning, and 5G connectivity. These technologies are pivotal in enhancing the scalability, reliability, and efficiency of IoT deployments in industrial settings. The session focused on how these advancements are transforming manufacturing processes, predictive maintenance, and supply chain management, among other critical areas.



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7. Ms. Priti Kushwah (Yoga Instructor, Pranayog Institute)

- **Topic:** Meditation & Yoga for Health
 - Ms. Priti Kushwah conducted a session on meditation and yoga techniques tailored for promoting holistic health among industrial professionals. The session emphasized stress management, relaxation techniques, and mindfulness practices to improve mental well-being and overall productivity.

8. Prof. Anuj Yadav (Viva Institute of Technology, Mumbai)

- **Topic:** Radiate Life Through Positivity
 - Prof. Anuj Yadav conducted a session aimed at personal development and well-being, emphasizing the importance of positivity in professional and personal life. He discussed strategies for maintaining a positive mindset, managing stress effectively, and fostering a healthy work-life balance. The session integrated principles of mindfulness and positive psychology to empower participants with tools for enhancing their overall quality of life.

The STTP on IoT in Industrial Automation at Atharva College of Engineering provided valuable insights and hands-on experience to the participants. The sessions covered crucial aspects such as IoT applications, energy monitoring, industrial

Glimpses of the STTP





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Mumbai, Maharashtra, India
Vitthal Mandir, Malad, Asmita Jyoti Housing Society, Malad West, Mumbai, Maharashtra 400005, India
Lat 19.199727°
Long 72.82624°
24/06/24 04:50 PM GMT +05:30



IMPLEMENTATION OF SCADA IN ELECTRICAL DISTRIBUTION SYSTEM

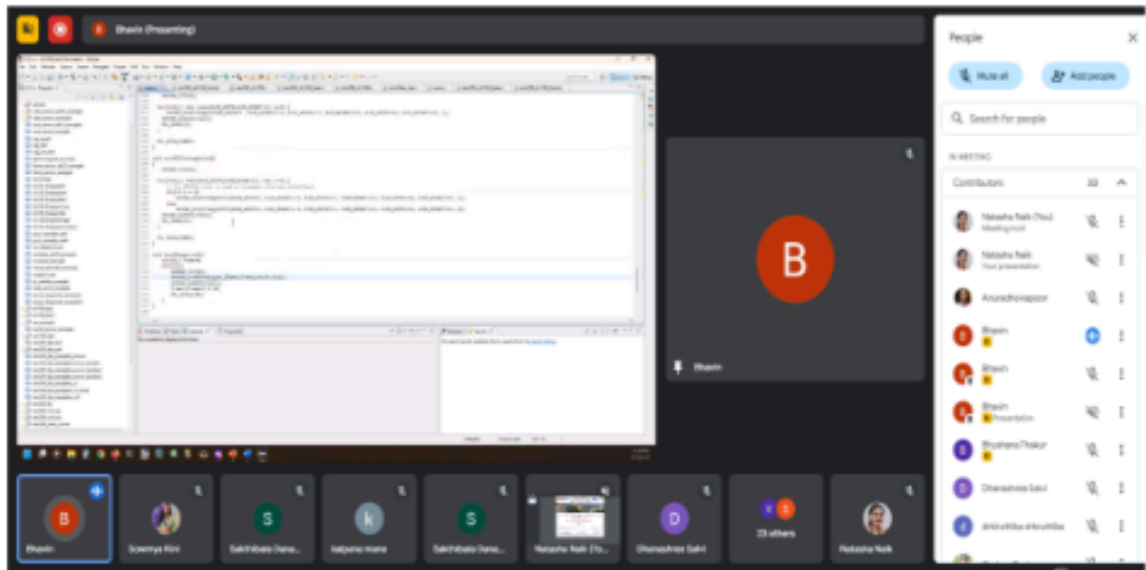
11:55 AM | eqh-rfae-qto



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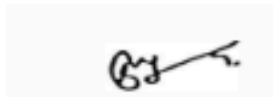




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Dr. Pragya Jain
 (Vice Principal- Academics,
 HOD -Electrical Engineering)



Dr. Kavita Bani
 (HOD -Electronics &
 Computer Science)



Dr. Ramesh Kulkarni
 Principal-ACE



Prof. Priynka Sharma
 (STTP Coordinator)



Prof. Sonia Fernandes
 (STTP Coordinator)



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REPORT OF 2 DAYS WORKSHOP IN ASSOCIATION WITH ISTE

Report of Workshop for Faculty 2023-24

Event Name:	Two Days Workshop
College/Institute Name:	Atharva College of Engineering
Date and Time:	13 th & 14th July 2023, at 9:30 AM onwards
Venue:	Lab 8A, 4th Floor, Phase I, ACE
Speaker Name and Designation	Mr. Shrikant Atkarne, Senior Application Engineer, SpartaSoft Technology Solutions.
Topic of Event:	“Hands on Training in VLSI using Microwind Tool”
Mode of conduction:	Offline mode
Coordinators of the Event:	Ms. Mahalaxmi Palinje, Ms. Ruchi Chauhan, Ms. Surabhi Laharia & Ms. Prajakta Borole
Targeted Audience:	Faculty of EXTC and ECS Department
No. of Participants:	25

Brief Description of Event:	<p>Objective of the Event:</p> <ol style="list-style-type: none">1. Introduction to VLSI Design & Career scope2. Introduction to Microwind software tool3. Hands-on training on Microwind tool for layout designing4. Running overview on various experiments to be conducted in DVLSI, EDC, DSD subjects <p>Topics Covered in the Event:</p> <p>Day 1:</p> <ol style="list-style-type: none">1. The first day of the workshop started with a motivational speech by Dr. Bhavin Shah , HOD EXTC Dept. & Dr. Kavita Bani HOD ECS Dept.2. Mr. Shrikant Atkarne explained the basic concepts needed for workshop and the use of software in VLSI domain3. Hands-on training on Microwind software tool was conducted to have the practical exposure of the CMOS layout design4. Right from the installation of the software to the end design of the layout, Mr. Shrikant Atkarne guided faculties phenomenally.5. Day 1 of the workshop ended with faculties acquiring the basic knowledge of the layout design using Microwind software.
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Day 2:

1. Second day, Prof. Mahalaxmi Palinje gave Hands-on training on DSCH software to design and implement different digital circuits experience. She taught the rules to design layouts using the Microwind tool.
2. At the end of the Hand-on training, a Question-and-Answer session was conducted to solve all the doubts.

Outcome of the Event:

1. Faculties had practical exposure to the layout designing using Microwind software tool and Circuit schematic designing using DSCH software
2. Faculties also had interactive session with Mr. Shrikant Atkarne who is expert in VLSI domain.

Photographs of the Event :





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Prof. Mahalaxmi Palanjy
Prof. Ruchi Chauhan
EXTC Dept Coordinator, ACE

Prof. Surabhi Laharia
Prof. Prajakta Borole
ECS Dept Coordinator, ACE

Dr. Bhavin Shah
HOD EXTC, ACE

Dr. Kavita Bani
HOD ECS, ACE

Dr. Ramesh Kulkarni
Principal, ACE



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Workshop, Seminar and Guest lecture

Title	Date
Seminar on Data Analytics	22nd July 2024
NPTEL and MOOCS Awareness workshop	26th August 2024
Workshop on Prototype designing using Biomimicry	29th August 2024
Seminar on Software development in Financial services	11th October 2024
Seminar on combining Java with popular Front End Technologies	11th October 2024
Workshop on "How to select SE mini project Topic"	10th January 2025
NPTEL and MOOCS Awareness workshop	28th & 29th January 2025
Seminar on Goal setting Session to planning future	2nd Feb 2025
Workshop on Full stack code in Python	10th to 14th Feb 2025
Seminar on GMIT : build career in IT enabled fields	17th February 2025
TEIT Seminar on business Model Canvas	11th July 2024
SEIT workshop	12th August 2024
Seminar for IT Students On Goal Setting Course	29th August 2024
Seminar on Financial Literacy for youth	12th march 2025
AWS CLOUD Architecture Seminar	21st March 2025
CYBER SECURITY AND ETHICAL HACKING Workshop	2nd April 2025
Introducing Snowcode integration with Embedded systems	18th July 2024
Introduction to ESP32 using Snowcode	18th & 19th July 2024
PCB designing using KiCad	24th july & 8th August 2024
Seminar on money smart navigating the world of Personal Finance	29th August 2024
Seminar on Achieving Problem solution fit & product market fit	11th September 2024
Seminar on Exploring the world of HAM Radio	7th January 2025
Seminar on Basics of Raspberry Pi	11th March 2025
Workshop on Morse code & HAM Radio Protocols	19th March 2025
Workshop on Basics of Raspberry Pi	19th March 2025
workshop on DRONEHACK : Revolutionary Hands On drone Technology Experiment	2nd April 2025
Symposium 2024	31st July 2024
PCB Fabrication Workshop	28th August 2024



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Seminar on pathway to placements and higher studies	23rd July 2024
NPTEL and MOOCS Awareness workshop	24th & 25th July 2024
ESP32 Microcontroller Coding using Snowcode	13th August 2024
Workshop on Skills for becoming excellent workshop developer	28th August 2024
Workshop on Introduction to flutter	1st October 2024
NPTEL and MOOCS Awareness workshop	20th and 21st January 2025
Seminar on How to prepare for poster presentation	29th January 2025



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ACE/FDP/FR/21/2024-25


Date: 17/03/2025

Report of Faculty Development Programme



Event Name:	FDP Atharva Centre of Professional Development & Skills under IQAC,IIC & ISTE
College/Institute Name:	Atharva College of Engineering
Date and Time:	13th Mar 2025 Thursday at 3:00 pm
Speaker Name	Dr.Vishal Baldua , Paediatrician
Topic of Event:	"Importance of HPV disease prevention"
Mode of conduction:	Online mode
Coordinators of the Event:	Prof. Surabhi Laharia [ECS] & Prof. Ashwini Modi [HAS]
Targeted Audience:	Teaching Staff
No. of Participants:	70
Brief Description of Event:	<p>Objective of the Event:</p> <ul style="list-style-type: none">• To Educate faculty, students, and parents about the risks associated with HPV and the importance of vaccination and preventive measures.• To Share expert knowledge on HPV, its transmission, symptoms, and long-term health effects from a medical perspective.• Motivate attendees to take proactive steps in HPV prevention through vaccination and regular health check-ups. <p>Topics Covered in the Event:</p> <ul style="list-style-type: none">• The session started with an overview of Human Papillomavirus (HPV), its transmission, and health complications, including cervical and other cancers.• Dr. Vishal Baldua highlighted the need for HPV vaccination as a preventive measure to reduce the risk of HPV-related diseases• The discussion covered preventive strategies, including safe practices, regular screenings, and early detection to minimize HPV-related health issues.• The session addressed widespread myths about HPV and its vaccine, clarifying scientific facts to dispel misinformation.• The importance of routine medical screenings and early diagnosis was emphasized in maintaining overall health and preventing HPV-related complications.

	<ul style="list-style-type: none"> The session concluded with a question-and-answer segment, allowing participants to clarify their doubts and gain expert insights. <p>Outcome of the Event:</p> <ul style="list-style-type: none"> Participants gained a clear understanding of HPV, its impact, and ways to prevent it. Attendees became more aware of the importance of early detection and available treatment options. The session promoted proactive health measures by encouraging regular screenings and preventive healthcare practices..
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Photographs of the Event :



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Internal Quality Assurance Cell (IQAC - ACE), Institution's Innovation Council (IIC-ACE) & Indian Society for Technical Education (ISTE-ACE)
In Association with

Atharva Center of Professional Development and Skills
Organizes

Online Awareness Session
on
"Importance of HPV disease prevention"
By
Dr. Vishal Baldua
Paediatrician

Date & Time: 13th Mar 2025 at 3:00 pm to 4:00 pm

Prof. Surabhi Lakaria & Prof. Ashwini Modi
FDP Co-Coordinator

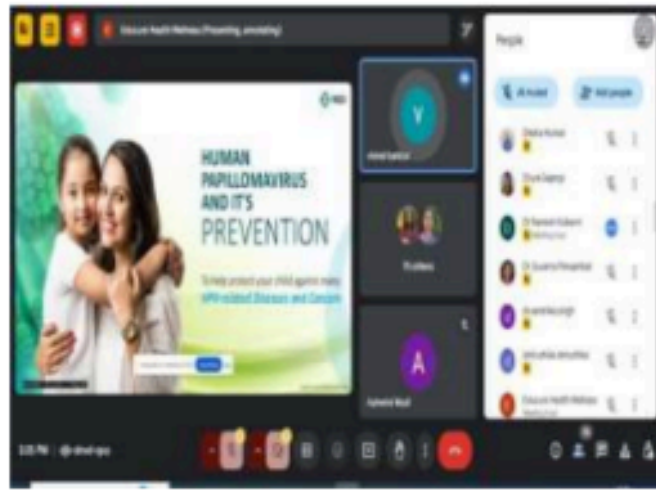
Dr. Rita Sharma
BOD IAS & FDP Incharge

Shri. Sunil Rane
Executive - President , Atharva Group of
Institutes & Founder Secretary - AET

Dr. Ramesh Kulkarni
Principal - ACE

Dr. P. N . Nemade
Professe-ACE

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Tel: +91-22-4029 4369 Tel. Fax: +91-22-40294911 Email: ace@atharvacoee.ac.in Website: www.atharvacoee.ac.in




Dr. Ritu Sharma
FDP Incharge &
HOD HAS



Ms. Surabhi Laharia
FDP Coordinator




Prof. Ashwini Modi
FDP Coordinator



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ACE/FDP/FR/21/2024-25


Date: 27/01/2025

Report of Faculty Development Programme

Event Name:	FDP Atharva Centre of Professional Development & Skills under IQAC, IIC & ISTE
College/Institute Name:	Atharva College of Engineering
Date and Time:	24th Jan 2025 Friday at 3:00 pm onwards
Venue:	Smart Classroom 2, Fifth Floor, Phase 1, ACE
Speaker Name	Mr. Pratyush Bhaskar, SEBI Smart Trainer
Topic of Event:	"Investment Awareness Program"
Mode of conduction:	Offline mode
Coordinators of the Event:	Prof. Surabhi Laharia [ECS] & Prof. Ashwini Modi [HAS]
Targeted Audience:	Teaching Staff
No. of Participants:	60
Brief Description of Event:	<p>Objective of the Event:</p> <ul style="list-style-type: none">To educate and empower individuals with the knowledge and skills necessary to make informed investment decisions.These programs aim to promote financial literacy and encourage responsible investing practices. <p>Topics Covered in the Event:</p> <ul style="list-style-type: none">Educating the Public: To help individuals understand the basics of investing, including different types of investments (stocks, bonds, mutual funds, etc.), risks, returns, and market dynamics.Building Financial Literacy: To provide information on personal finance topics such as budgeting, saving, retirement planning, and understanding financial products..Promoting Long-Term Investment Mindset: Encourage individuals to focus on long-term wealth creation rather than short-term gains, fostering patience and discipline in their investment strategies.Encouraging Responsible Investing: Highlight the importance of setting financial goals, doing due diligence, and avoiding high-risk or fraudulent schemes. Promote transparency in the investment process and understanding the costs, fees, and tax implications involved.Reducing Investment Risks: Teach participants how to assess and manage risks and how to avoid common pitfalls, such as market timing or investing based on rumours. Provide resources to help individuals identify and avoid scams or high-risk.

	<p>Outcome of the Event:</p> <ul style="list-style-type: none"> • The outcomes of an investment awareness program are meant to reflect the effectiveness of the initiative in empowering participants with financial knowledge and better decision-making skills. • This contributes not only to individuals' personal financial well-being but also help promote a culture of responsible, informed investing that can benefit the broader economy.
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Photographs of the Event :




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Internal Quality Assurance Cell (IQAC - ACE), Institution's Innovation Council (IC-ACE) & Indian Society for Technical Education (ISTE-ACE) In Association with

Atharva Center of Professional Development and Skills

Organizes

Faculty Development Programme

on

“Investment Awareness Program”

By

Mr. Pratyush Bhaskar
SEBI Smart Trainer

Venue: Smart Classroom 2, 5th Floor, Phase-I
Date & Time: 24th Jan 2025 at 3:00 pm onwards

Prof. Sarabhi Laharia & Prof. Ashwini Modi
FDP Co-Coordinator

Dr. Rita Sharma
HOD HAS & FDP Incharge

Shri. Sunil Rane
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SPORTON'24



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SPORTON REPORT 2024-25

Day 1 and Day 2

Sporton 2025 is the annual sports fest which was initiated by Atharva Group of Institutes for all students from 24th March to 28th March. The main objective of the Sports Week is to enhance the personality of the students and help them in the overall development. We at Atharva Group of Institutes believe in all round development of the students. On 24th March the BMC PARK, SATYA NAGAR ROAD, BORIVALI WEST (Venue for the Sports Week) was full of all the excited and curious budding athletes. All the students were eagerly waiting for this event. This year we had prepared some new and exciting events. We received an overwhelming response in terms of registrations and participation. On the day 1, opening ceremony took place, followed by the game of cricket.

Day 3

On the third day of the event, various sports competitions took place, including rink football, shot put, and broad jump. Athletes enthusiastically participated in these events, showcasing their skills and determination. The rink football matches were intense, with teams displaying excellent teamwork and strategy. Meanwhile, the shot put competition saw participants demonstrating strength and precision as they aimed for the farthest throw. The broad jump event also attracted much attention, with athletes striving to achieve their best distances. Overall, the third day was filled with excitement and competitive spirit, making it a memorable part of the tournament.

Day 4

On Day 4 of the college sports event, the volleyball court was filled with energy as teams competed fiercely, displaying excellent teamwork and sportsmanship. The matches were intense, with players giving their best to secure victory for their teams. Meanwhile, indoor games like chess and table tennis added a different dimension to the event, attracting participants who showcased their strategic thinking and quick reflexes. The chess matches were a battle of minds, while table tennis games were fast-paced and thrilling. The combination of outdoor and indoor games made the day exciting for both players and spectators, highlighting the spirit of competition and camaraderie.

Day 5

On Day 5 of the college sports event, the excitement continued with thrilling matches in badminton, carrom, and girls' throwball. The badminton matches showcased agility and precision as players engaged in fast-paced rallies, striving for victory. In the indoor arena, carrom matches displayed skillful strikes and strategic moves, keeping the audience engaged. Meanwhile, the girls' throwball matches were filled with energy and team spirit, as players demonstrated excellent coordination and competitive spirit. The day was a perfect blend of strategy, skill, and teamwork, adding more enthusiasm to the ongoing sports festival.



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During the **prize distribution ceremony** at the end of the fifth day, various awards were presented to recognize outstanding performances. The Best Class award was given to FE CMPN, acknowledging their excellence and participation. Additionally, the Best Department award was presented to the CMPN Department for their exceptional achievements and contributions throughout the event. The ceremony was a moment of pride and celebration, as students and faculty cheered for the winners, marking a grand conclusion to the series of competitions.

Highlights of the Sports Week





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SPORTON 2024 WINNER LIST

Shot Put

- Men's Category
 - Runner Up(R): Chaitanya More (BE INFT)
 - Winner (F): Arnav Tripathi (FE CMPN)
- Women's Category
 - Runner Up(R): Ashlesha More (BE INFT)
 - Winner (F): Bhoomi Kamble (TE EXTC)

Broad Jump

- Runner Up(R): Arnav Tripathi (FE CMPN)
- Winner (F): Niraj Jadhav (FE CMPN)

Chess

- Runner Up(R): Nimish Raut (FE CMPN)
- Winner (F): Himesh Achliya (FE CMPN)

Carrom

- 1v1
 - Runner Up(R): Deepansh Londhe
 - Winner (F): Yogesh Sandam
- 2v2
 - Winners (R): Yogesh Sandam + Kaustubh Salgare (TE ECS)
 - Runners-up (F): Pranay more + Abhay Singh (BE ELEC)



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Badminton

- **Men's Category**
 - Runner Up(R): Shivam Yadav (SE INFT)
 - Winner (F): Rugved Mhatre (SE CMPN)
- **Women's Category**
 - Runner Up(R): Mudra Wagh (FE CMPN)
 - Winner (F): Vidhi Raut (TE EXTC)

Table Tennis

- **Runner Up(R): Shivash Jaiswal (TE EXTC)**
- **Winner (F): Bezon Jivasa (SE EXTC)**

Tug of War

- **Runner Up(R): FE EXTC**
- **Winner (F): BE ELEC**

Team Sports Results

Cricket

- **Runner Up (R): SE INFT**
- **Winner (F): SE ELEC**
- **Best Batsman: Harshal Rajput**
- **Best All-Rounder: Sayog**

Rink Football

- **Runner Up (R): FE CMPN**
- **Winner (F): BE INFT**



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- **Best Player: Atharva Sawant**

Volleyball

- **Runner Up (R): TE CMPN**
- **Winner (F): BE CMPN**
- **Best Player: Ayush Sankhe**

Throwball

- **Runner Up (R): TE EXTC**
- **Winner (F): _TE INFT**
- **Best Player: Dhanvi Suthariya**



Prof. Sameer Katakdounde
Sports in- charge, ACE

Prof. Chaitanya Kolte
Sports in- charge, ACE

Dr. Ramesh Kulkarni
Principal , ACE



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IQAC Report

Atharva College of Engineering, Malad (W) has constituted an Internal Quality Assurance Cell(IQAC) to develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the college. It was established on 28th July 2015 with the view to promote measures for quality enhancement and sustenance. IQAC helps to maintain and sustain quality parameters of the institute in every aspect of academics. During the academic year 4-5 meetings are conducted(OFFLINE AND ONLINE) which are being attended by members, faculties, students and alumni. The institute's prime focus is on high academic performance, through outcome based learning and evaluation process. Learning is made student- centric through a series of lectures, seminars, presentations and industrial visits. Research and Development cell is an integral part of the activities of the Institute. This cell is one of the wings of the Institute which facilitates, channelizes, records, and regulates all the academic, sponsored, collaborative research projects in the Institute. The Institute is closely working with core industries to train the students in this direction. Various technical and social activities are conducted to groom them as social engineers.

IQAC Coordinator



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Atharva Educational Trust's
Atharva College of Engineering

(ISO 9001:2015, AQA International Certified Institute)
(NAAC Accredited)

Approved by AICTE, DTE & Affiliated to University of Mumbai

S. No. 263, Plot No. 8-12, Malad-Marve Road, Charkop Naka, Malad (West), Mumbai - 400 095, INDIA
Tel.: +91-22-4029 4949 • +91-22-40294911 • Email : ace@atharvaeducation.com • Website : www.atharvacoe.ac.in

ACE/IQAC/357/2023.

Atharva College of Engineering, Malad, has constituted an Internal Quality Assurance Cell (IQAC) to develop a quality system for conscious, consistent, and catalytic programmed action to improve the academic and administrative performance of the college.

Internal Quality Assurance Cell (IQAC) comprising the following members for
Academic year: 2023-2024

SR. NO	NAME OF THE MEMBER	DESIGNATION	POSITION IN IQAC
1	DR. RAMESH KULKARNI	PRINCIPAL	CHAIRMAN, IQAC
2.	DR. PRAVIN NEMADE	PROFESSOR	MEMBER FROM MANAGEMENT
3	MS. PRAGYA JAIN	ACADEMIC VICE PRINCIPAL	COORDINATOR IQAC
4	DR. JYOTI MALI	VICE PRINCIPAL ADMIN & HR	TEACHER REPRESENTATIVE
5	DR. SUVARNA PANSAMBAL	HOD CMPN	TEACHER REPRESENTATIVE
6	DR. ULHASKUMAR M. GOKHALE	HOD INFT	TEACHER REPRESENTATIVE
7	DR. BHAVIN SHAH	HOD EXTC	TEACHER REPRESENTATIVE
8	MS. SANGEETA KOTECHA	HOD ELEC	CO- COORDINATOR
9	DR. KAVITA BANI	HOD ECS	TEACHER REPRESENTATIVE
10	DR. RITU SHARMA	HOD HAS	TEACHER REPRESENTATIVE
11	DR. BHUSHAN SONAWANE	ASST. PROFESSOR	TEACHER REPRESENTATIVE
12	MS.SURABHI LAHARIA	ASST. PROFESSOR	TEACHER REPRESENTATIVE

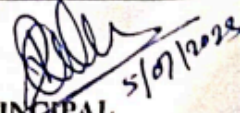


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13	MS.SHAILY GOYAL	ASST. PROFESSOR	TEACHER REPRESENTATIVE
14	DR. ABHILASHA SAINI	ASST. PROFESSOR	TEACHER REPRESENTATIVE
15	MS. KSHIPRA PANDEY	ASST. PROFESSOR	TEACHER REPRESENTATIVE
16	MS. AMRUTA SANKHE	ASST. PROFESSOR	TEACHER REPRESENTATIVE
17	MS. SHIKHA MALIK	ASST. PROFESSOR	TEACHER REPRESENTATIVE
18	MR.AMIT PADHY	FOUNDER & CEO SHAPECHIMP MANUFACTURERS PVT.LTD.	INDUSTRIALIST
19	MS. ALPA SHAH	FOUNDER, EMPOWER EDUCATION	LOCAL SOCIETY MEMBER
20	MR. JIGAR DAVE	EMPLOYER REPRESENTATIVE	MEMBER
21	MR. JAYPRAKASH CHAUHAN	PARENT REPRESENTATIVE	MEMBER
22	MR. AADITYA SHRIHARI	ALUMNA REPRESENTATIVE	MEMBER
23	MR. ANURAG JOSHI	STUDENT REPRESENTATIVE	MEMBER




PRINCIPAL
ATHARVA COLLEGE OF ENGINEERING
5/07/2022



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National Assessment and Accreditation Council (NAAC)

The institute has gone through the Second Cycle of NAAC accreditation. The institution has been Accredited with a CGPA of 3.26 on a seven point scale at A+ Grade valid for a period of 5 years from 18 - 10 - 2023.





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Fulfilment of conditions laid down earlier 2018-19(LIC)

Conditions that were laid down	Level/Extent of Fulfilment and reasons for non-Fulfilment if any
1) Cadre Ratio need to be improved 2) DA as per Norms to be implemented 3)Non Teaching Staff To be Regularized 4) Faculty to accumulate sick leave to be implemented	1. Improvement in Cadre Ratio & Faculty Ratio is in progress & Proposal sent to management for Internal Promotions a per eligibility criteria. 2. The D.A enhanced to 80% & Further rise is in progress. 3. Regular Non teaching staff is 5 at present. Proposal for 12 is in process. 4. Faculty sick leave is accumulated & Mentioned in Service Book as per suggestions.



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REWARDS TO STUDENTS

Name of the Coordinator: Mrs. Prajakta Borole

Objectives/Outcomes:

To maintain record of students achievements

Concept:

Each academic year, department-specific student and teacher accomplishments are gathered and recorded, and the specifics, along with supporting documentation, are maintained.

Students Achievement Record:

Sr. No.	Year	Count
1	2020-21	31
2	2021-22	13
3	2022-23	10
4	2023-24	8

Link: <https://drive.google.com/drive/folders/1AwkPTk7b5cqvhmZKaSkv4pBSPuhRDPhd>

- Shruti Jha from Drishya qualified to top 10 pitches in Startup Quest 2023 on 18th October 2023, organized at Raw Engineering Foundation
- Shruti Jha and Prajwal Bhagwat's team Drishya secured first position in student category and received a cash amount of Rs. 75,000 on 5th December 2023, in I-Nnovate Hackathon 2023, organized by Intelliswift.
- Shruti Jha and team Drishya secured first position and received a cash amount of Rs. 5,00,000 on 12th December 2023 organized by i-Hub Drishti Ffoundation, in association with TISC, IIT Jodhpur.
- Aarnav Sangekar got a chance to represent e-Yantra, IIT Bombay as an intern at second Akhil Bharatiya Shiksha Samagam under National Education policy 2020 organized at ITPO, Pragati Maidan, New Delhi on 29th July 2023.
- (It was inaugurated by our Prime Minister Shri Narendra Modiji. The exhibition was for 2 days, and multiple government officials and students were in attendance as well.)
- Akshat Sawant participated in Bits Stock Exchange - Trading challenge, a national level Trading Simulation Competition and secured 3rd Position from 30th Oct to 3rd Nov 2023 organized by Birla Institute of Technology & Science, Pillani, Hyderabad campus.



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- Vedant Farkade, winner in "CTF-Capture The Flag Hackathon" at Xavier Institute of engineering CTF competition conducted from 20th to 21st October 2023.
- Vedant Farkade and team attained Rank 2 in AUMCTF Capture the Flag 2023 in November 2023 organized by Amity University.
- Ameya Bavkar secured first prize in Automation and Tooling track and received cash amount of Rs. 1,00,000 organized by Mumbai Hacks on 17th December 2023.



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Massive Open Online Course (MOOCs)

Year of Establishment: July 2015

Name of the Coordinator: Dr. Prajakta Borole

Objectives/Outcomes:

- a) To enhance skills and gain essential knowledge required for student's field or brushing up the basic key concepts,
- b) To build a strong resume and character ultimately grooming students to get easily absorbed in a cooperate life.

Concept:

MOOC is a free online educational program designed by a group of very outstanding professors from famous universities across the globe intended for an unlimited number of students located at any corner of the world. Interested students surf these websites for the courses of their interest and enroll themselves. Further each participant needs to clear the final exam. On successful completion, students are issued Statement of Accomplishment (without fees for few courses) or certificate (with fees).

Resources Required:

A computer and internet connection or a smart phone with GPRS activated.

Features:

- a) Flexibility of time, place, topic and university
- b) Excellent professors can reach more students all over the world
- c) Slow Learners can review the videos, pause it to understand as per their pace
- d) Low Income students can acquire knowledge from professors of high class institutes
- e) Interaction through peer review and group collaboration helps social network building

The Process:

- a) A MOOC list consisting of around 100 courses is shared with students and they are encouraged to enroll and complete a course from the MOOC list or of their choice using internet. After successful completion of course, certificates are collected, properly labelled and records are maintained.

Highlights:

- a) Total 13149 MOOC certifications till December 2024.
- b) An article "Innovation: The MOOCs way" was featured in quarterly published Infogyug newspaper during October-December 2015.
- c) In July 2018, an additional 28 courses addressing Graduate Attributes of the Washington Accords were added to the list. Graduate attributes are the high level qualities, skills and understandings that a student should gain as a result of the learning and experiences they engage with, while at university.



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d) Coursera provided free certifications to COVID-19-affected universities for one semester during the outbreak in the year 2020. Invitations were sent to 1888 students to join, 1364 accepted, 612 students registered in a course, and a total of 405 certificates were earned throughout this procedure. Coursera is one of the world's largest MOOC providers. Coursera credentials are unique in that they are recognized by employers and universities worldwide, allowing students to qualify for jobs on a global scale.

Evidence of Success:

Sr. No.	Semester	Total number of Certificates
1	2015-16	858
2	2016-17	998
3	2017-18	1029
4	2018-19	2694
5	2019-20	2132
6	2020-21	1490
7	2021-22	1310
8	2022-23	1062
9	2023-24	1021
10	2024-25	555+
Total		13149+

Students enroll in these MOOC courses to advance their careers, develop new abilities, or raise their chances of finding a new job. Students took advantage of the free certification option offered by Coursera and expressed their willingness in continuing to do so in the future.

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&



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NPTEL Online Certification Course

Year of Establishment: January 2016

Name of Local Chapter: Atharva College of Engg.

Name of the Single Point of Contact: Dr. Prajakta Borole

Objectives/Outcomes:

- a) Enabling students to obtain certificates to make students employable in the industry or pursue a higher education program.
- b) Relevant exposure to tools and technologies are being offered

Concept:

The National Program on technology Enhanced Learning (NPTEL) has initiated certification courses offered on the model of MOOCs on its online courses portal https://swayam.gov.in/nc_details/NPTEL. Through an online portal, online courses are being offered. These courses are typically on topics relevant to students along with basic core courses in sciences and humanities. The enrollment to and learning from these courses involves no cost. Following the online courses, an in-person, proctored certification exam is conducted and a certificate is provided through the participating institutions and industry, when applicable.

The Process:

Awareness is raised via class-to-class publicity, notice boards, emails, and messages, among other methods. Students are urged to enroll in and finish a course from the NPTEL portal's list of available courses. Students benefit from the courses for free and must enroll for the proctored exam if they want a certificate. NPTEL issues certificates to students upon satisfactory completion of the course.

Highlights:

- Total 9519 candidates enrolled for NPTEL Online Certification course till date.
- 414+ candidates have received NPTEL certificates.
- 23 candidates are toppers in various courses.
- NPTEL is very happy to be associated with Atharva College of Engineering and its students.



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Evidence of Success:

Sr. No.	Semester	Total no. of enrollments	Total no. of certificates
1	January - June 2016	54	05
2	2016-17	476	18
3	2017-18	951	70
4	2018-19	1432	166
5	2019-20	1671	78
6	2020-21	1638	12
7	2021-22	885	13
8	2022-23	694	14
9	2023-24	894	20
10	2024-25	824	18+
Total		9519	414+

The majority of participants take these courses to improve their knowledge and abilities while just a small percentage pay the test costs and pursue certification.

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https://drive.google.com/drive/folders/1cF74mfQda5jsVi_MnRhCH_pL2DcnFGtX

Research papers referred by NPTEL:

Mentor of a NPTEL course “Product Design using Value Engineering” is Dr. Inderdeep Singh (Professor, Industrial Engineering Department, I.I.T. Roorkee). He has mentioned and referred three technical research papers of Dr. S.P. Kallurkar, Principal, Atharva College of Engineering for case study analysis in his Lecture no. 11, 12 and 19. The date of commencement of this four-week course was 29th July 2019

Resources Required:

Internet: A high speed internet and computers are required to access or download the videos.



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Atharva College Of Engineering Staff working Policy

The Institute, its subsidiaries and affiliates, recognize its responsibility to respect and protect the rights of its employees. As such, the Institute has adopted the following guidelines as part of its goal to respect the fundamental rights of its employees.

The Institute:

- Shall obey and comply with AICTE & Mumbai University norms practices and maintain good working relationships with its employees.
- Shall seek to provide a safe and healthy work environment.
- Shall not engage in nor support the use of corporal punishment, mental or physical coercion, or verbal abuse.
- Prohibits discrimination of employees based upon sex, race, national origin, political beliefs, or religion and maintains a discrimination-free work environment.
- Prohibits, and complies with laws prohibiting acts of sexual harassment or threats in the workplace.
- Shall comply with applicable industry standards relating to work hours and payment of wages.



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Atharva College Of Engineering WorkPlace Employment Policy

- Equal Employment Opportunity

Institute policy prohibits all unlawful discrimination against any employee or applicant for employment. The Institute is committed to providing equal opportunity to all qualified individuals in its hiring and promotion policies. The Institute will endeavour to create a workforce that is a reflection of the diverse population of the communities in which it operates.

- Harassment

The Institute believes that all employees' workers, staff should be treated with dignity and respect. It is the policy of the Institute to provide a work environment which is free from harassment.

As used in this policy, harassment includes sexual, racial, ethnic, and other forms of harassment, including harassment based upon disability. Some examples, depending on the facts and circumstances

- Verbal or Written Harassment

Unwelcome or derogatory comments regarding a person's race, color, sex, sexual orientation, religion, ancestry, ethnic heritage, mental or physical disability, age or appearance; threats of physical harm; or the distribution of material having such effects, including by electronic mail or display in any Institute work area.

- Physical Harassment

Hitting, pushing or other aggressive physical contact or threats to take such action, or inappropriate gestures.

- Sexual Harassment

Unwelcome sexual conduct, whether verbal or physical, including sexual advances, demands for sexual favours, or other verbal or physical conduct of a sexual nature, whether or not it was designed or intended to promote an intimate relationship.

It is not considered harassment for supervisors and other members of management to enforce job performance and standards of conduct in a fair and consistent manner.

Reports of harassment will be investigated promptly and discreetly.

Any employee, who reports any act of harassment in good faith, including sexual harassment, will not be retaliated against because of such report.

- Political Activities



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The Institute believes strongly in the democratic process. Its Directors and employees should take an active interest in fostering principles of good governance in the countries and communities in which they do business.



Group Health (Floater) Insurance

a. POLICY SCHEDULE

Insured Detail

Policy Number : 4016/X/O/366393217/00/000
Issued At : MUMBAI
Name of the Insured : ATHARVA COLLEGE OF ENGINEERING
Mailing Address of the Insured : PLOT 8 TO 12 S NO 263 ADJ TO SHAHID BHAGAT SINGH
CAMBRIDGE MALAD MARVE ROAD CHARKOP NAKA MALAVANI
MALAD WEST MUMBAI MAHARASHTRA 400095, . , MAHARASHTRA -
400095

Politically Exposed Person (PEP)/close relative of PEP:	No
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Intermediary Details

Agency/Broker Code : 2021477077855812
Agency/Broker Name : ICICI BANK LIMITED
Agent's/Broker's Mobile No. : 7666610084
Agent's/Broker's Email ID : raju_gupta786@yahoo.com

Policy Details

Period of Insurance : From: 00:00 Hours of Oct 23, 2024 To Midnight Oct 22, 2025
Product : GROUP HEALTH (FLOATER) INSURANCE
Total Lives Insured : 276
Sum Insured : ₹5,40,00,000.00
Details of Person Insured : As per Annexure Premium Computation
Basic Premium : ₹7,35,171.00
Stamp Duty : ₹0.50
*Total Premium : ₹8,67,503.00

*Premium value mentioned above is inclusive of taxes applicable



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RHYTHM

2025 REPORT



SUMMARY OF REPORT

1. Theme Reveal Ceremony – March 10th:

The Theme Reveal Ceremony for Rhythm-Ember '25 was held on **March 10th, 2025** at the Phase 3 Lower and Upper Lobby, Atharva Group of Institutes (AGI) campus, graced by special guests **Mr. Jay Thakkar** and **Ms. Avantika Choudhary**.

2. Contingent Leaders' Meet – March 12th:

The Contingent Leaders' (CL) Meet was conducted on **March 12th, 2025** at Smart Classroom 1, Phase 1, Atharva Group of Institutes (AGI) campus. CLs from various colleges across Mumbai and surrounding districts actively participated in this strategic and collaborative session, marking the beginning of intercollegiate coordination for the fest.

3. Marathon – April 6th:

The Rhythm-Ember Marathon was held on **April 6th, 2025**, with a reporting time of **7:00 AM**. The total distance covered was 5 kilometers, spanning from the **AGI Campus** to **Goregaon Sports Club** (2.5 km) and **back**. Goregaon Sports Club, on New Link Road, served as the turnaround point for the run, and the event witnessed enthusiastic participation.

4. Inauguration Ceremony – April 7th:

The grand Inauguration Ceremony of Rhythm-Ember '25, the annual cultural fest of AGI, was held on **April 7th, 2025 at 10:00 AM** in the Seminar Hall, Phase 3, Atharva Group of Institutes (AGI) Campus. The event was honored by the presence of distinguished guests **Ms. Manasi Naik** and **Mr. Satya Manjrekar**, acclaimed personalities from the television industry.

5. Rhythm-Ember '25 Day 1 – April 7th:

The first day of Rhythm-Ember '25 commenced with the Inauguration Ceremony, setting an enthusiastic tone for the days ahead. This was followed by a series of engaging events including Neon Cricket, BGMI, and Singing (both Solo and Group categories). The day concluded with the much-anticipated **Live Night**, featuring electrifying performances by **MH 43 Band** and **Rohan Upadeo**.

6. Rhythm-Ember '25 Day 2 – April 8th:

The second day began with indoor and outdoor games such as Carrom, Table Tennis, and Neon Football with Dance (Solo and Group categories). The evening concluded with a spectacular **Cultural Night**, showcasing vibrant talent from fashion teams and B.E. Dance groups. The Guests of Honour for the night were **Ms. Sunidhi Khare, Ms. Priyanka Goswami** and **Ms. Ashu Chauhan**.

7. Rhythm-Ember '25 Day 3 – April 9th:

The third day was packed with dynamic games and special attractions, including the Strongman Competition, SmashKarts.io, Neon War, and cultural events like Shayari-Poetry and Rap Battle. The evening culminated in a glamorous **Prom Night**, which also featured the much-awaited **Student Council Walk**.

8. Rhythm-Ember '25 Day 4 – April 10th:

The final day of Rhythm-Ember '25 offered a mix of cultural and recreational events such as Escape Room, Treasure Hunt and Stand-up Comedy. The fest concluded on a high note with an energetic **DJ Night**, headlined by **Baljit Bhangda**, followed by electrifying sets by **DJ Shiva** and **DJ Zahan**.

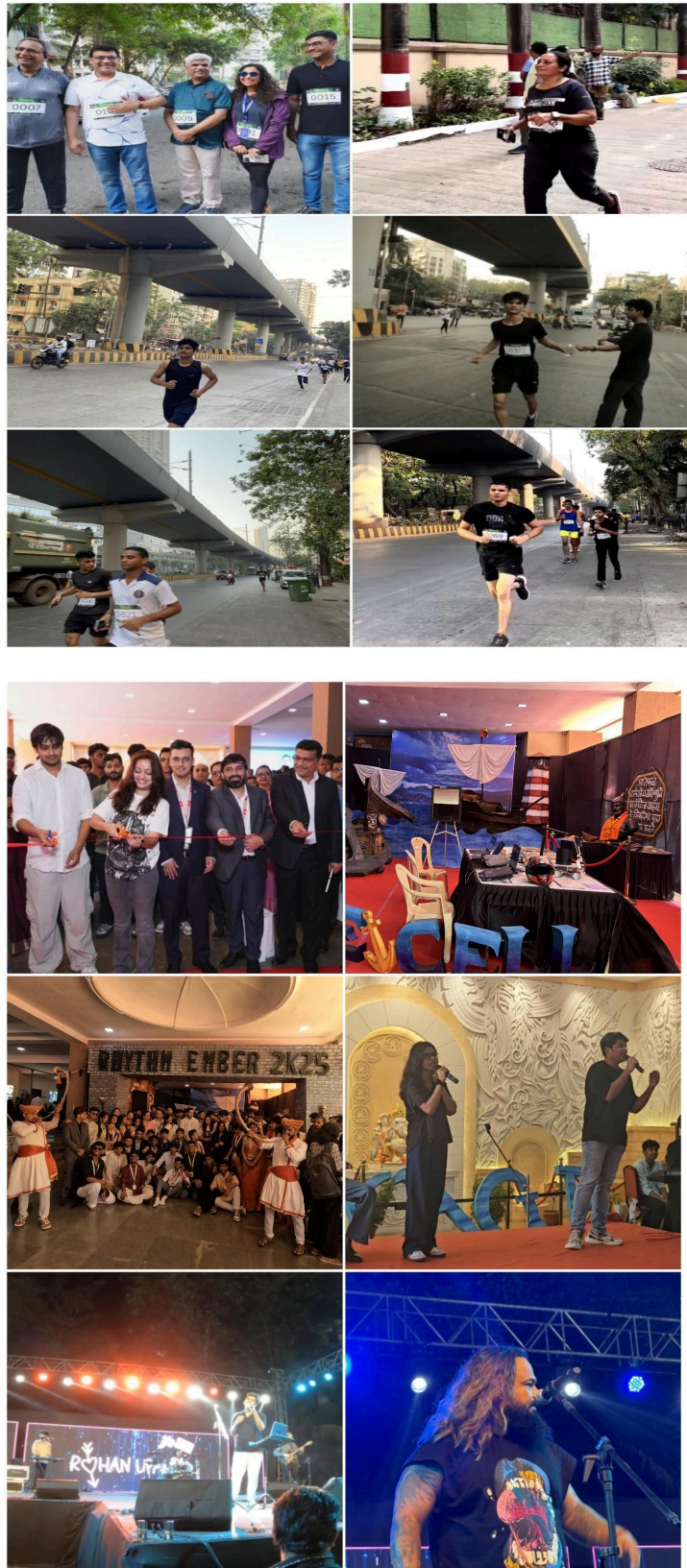
9. Prize Distribution Ceremony – May 5th:



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The Prize Distribution Ceremony was held on **5th May 2025**. Winners from all events were invited to attend and celebrate their achievements and were felicitated with medals, trophies, and certificates for their extraordinary achievements in Rhythm Ember '25.





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NSS Report

BRIEF REPORT OF THE ACTIVITIES CONDUCTED DURING THE NSS REGULAR PROGRAMME

Brief report of the activities conducted under the National Service Scheme Regular Programme during the year 2024-25

Name of the College: ATHARVA COLLEGE OF ENGINEERING

Regular NSS Activities - (Activities conducted during the period to be mentioned with participation of NSS Volunteers & beneficiaries)

List of Regular Activities / Programmes conducted in Year 2024-25

SR.NO.	DATE (in ascending)	Name of Project (Include meetings and day-to-day activities)	Total	Max Hours
1	20/04/2024	Tree Plantation Drive at SGNP	19	2
2	11/05/2024	Carter Cleanup	17	2
3	16/05/2024	Mango Seed Collection Drive (Phase 1)	26	1
4	30/05/2024	Thanksgiving to Malvani Police	16	1
5	30/05/2024	Thanksgiving to Malvani Police	16	1
6	02/06/2024	Mass Beach Cleanup Drive	10	2
7	05/06/2024	Cleanup Drive at Elephanta Caves	10	3
8	05/06/2024	Environment Day Awareness Lecture by State Government	5	3
9	08/06/2024	Mango Seed Collection Drive (Phase 2)	17	1
10	08/06/2024	Tree Plantation Drive	10	2
11	14/06/2024	School Activities with Individuals with Intellectual Disability-1	10	2
12	15/06/2024	Tree Restoration Drive	14	2
13	21/06/2024	Yoga Day	6	1.5
14	21/06/2024	Yoga Asanas Demonstration	11	2
15	21/06/2024	Yoga Pledge	11	1
16	22/06/2024	Tree Plantation Drive	10	2
17	25/06/2024	Session on Awareness about De-addiction	17	2
18	28/06/2024	Eco-brick Making	19	2
19	05/07/2024	School Activities with Individuals with Intellectual Disability-2	9	2
20	07/07/2024	Velankanni Beach Cleanup	9	2
21	12/07/2024	Seminar on Child Sexual Abuse and Gender based Violence	21	2
22	13/07/2024	Art Attack	14	2
23	20/07/2024	Kalacharya -A Crafty Creation	13	2
24	23/07/2024	Peer Educator Workshop by RRC	2	5
25	26/07/2024	Kargil Vijay Diwas	28	3
26	27/07/2024	Jalosh- Beach Cleanup Drive	11	2
27	28/07/2024	Humans of Volunteering	10	2
28	02/08/2024	Unit Meet	25	2
29	03/08/2024	Yaarana-Celebrate Friendship Day with Kids	12	2
30	04/08/2024	Green Gatari	19	3
31	05/08/2024	Bag Segregation for Girls Primary School	18	2
32	06/08/2024	Inked Impressions-Message to Soldiers	22	1
33	06/08/2024	Brother's Bond Box	22	1
34	07/08/2024	Yuva Sanvad	10	1
35	07/08/2024	Crowd Management at MBMC	20	3



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36	07/08/2024	CSR Conclave - Employability@18	20	3
37	14/08/2024	Har Ghar Tiranga Abhiyan	22	1
38	15/08/2024	Independence Day Celebration	18	3
39	20/08/2024	Orientation Session for Junior	38	1.5
40	22/08/2024	Raksha Bandhan with Malvani Police Officers	40	1
41	22/08/2024	Raksha Bandhan with Malvani Fire Brigade Officers	41	1
42	29/08/2024	Session on Nasha Mukta Bharat	45	1
43	15/09/2024	Manori Beach Cleanup	19	3
44	21/09/2024	International Coastal Cleanup Day	27	3
45	22/09/2024	The Joy Carnival - Drama and Theatre Workshop	15	3
46	24/09/2024	Planning meet for De-addiction Rally	1	4
47	25/09/2024	Poster Making	27	2
48	25/09/2024	Revive with 3R	27	1
49	26/09/2024	Industry Exposure with TCS	16	2
	01/10/2024	De-addiction Rally Management	5	3
50	01/10/2024	De-addiction Rally	12	2
51	02/10/2024	Swachha Sagar- Coastal Cleanup	20	2
52	06/10/2024	Hamara station Hamari shaan	12	3
53	26/10/2024	Voting Awareness in adopted village	13	2
54	30/10/2024	Traffic Management	13	2
55	07/11/2024	Lighting the way: Diwali with special kids	7	2
56	11/11/2024	My Bharat Outreach Program	12	1
57	03/12/2024	Rally with Special kids	13	3
58	08/12/2024	Artshala- Paint a school	25	3
59	10/12/2024	Unit Meet	44	3
60	11/12/2024 &	NIRMAN-An NSS intercollegiate workshop by Patkar-Varde	2	3
61	15/12/2024	Pinkathon Invincible Women's Run	10	0
62	15/12/2024 &	Janeev Fest- Preparation	25	3
63	17/12/2024	Janeev Fest- Street Play	16	2
64	17/12/2024	Janeev Fest-Poster Making	2	
65	18/12/2024	Janeev Fest- Dance	9	2
66	21/12/2024	Jalosh- Clean Coasts	23	2
67	22/12/2024	Artshala- Paint a school	19	3
68	25/12/2024	Old Age Home Visit	16	2
69	28/12/2024	Beach Cleanup	16	2
70	31/12/2024	Little Moments, Big Smile	17	2
71	02/01/2025	Paper Bag Making	31	2
72	05/01/2025	Gorai Beach Cleanup	21	2
73	15/01/2025	School Connect Rally	38	2
74	15/01/2025	Youth Day Quiz	24	2
75	18/01/2025	Echoes of Kargil: A Journey of Experience	15	3
76	19/01/2025	Artshaala-Paint a School-3	22	3
77	20/01/2025 &	Republic Day Practice	24	
78	26/01/2025	Republic Day Celebration	19	2



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REPORT OF Maha Hackathon 1.0 2025



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Introduction of Maha Hackathon 1.0

Maha Hackathon Challenge 1.0, launched by the Government of Maharashtra's Department of Information Technology in partnership with Digital India Bhashini Division, GoI, is an innovation-driven initiative aimed at harnessing the creativity and technical skills of students, startups, and tech enthusiasts across India. The hackathon focuses on developing scalable tech solutions to address real-world challenges faced by various government departments, promoting digital governance, smart infrastructure, and citizen-centric services. It specifically targets advancements in AI-driven governance, drone-based disaster management, anti-drone security, and real-time speech translation to enhance public service delivery and technological progress nationwide.

The primary objective of the Maha Hackathon Challenge 1.0 is to identify and implement tech-based solutions for issues in sectors like Urban Development, Transport, Health, and Agriculture, as outlined by Maharashtra government departments. Participants are tasked with ideating, prototyping, and developing impactful solutions through multiple rounds of evaluation. The challenge culminates in shortlisting the most promising teams, who then get the opportunity to present their innovations to senior government officials and explore pilot implementation. Maha Hackathon Challenge 1.0 was an innovation-driven initiative launched by the Government of Maharashtra under the Department of Information Technology in collaboration with Digital India Bhashini Division, GOI to harness the creativity and technical skills of students and innovators across India.

Objective:

To identify and implement tech-based solutions for real-world challenges faced by various government departments, thereby promoting digital governance, smart infrastructure, and citizen-centric services.

Key Highlights:

- Open to students, startups, and tech enthusiasts.
- Problem statements were provided by multiple Maharashtra government departments such as Urban Development, Transport, Health, Agriculture, etc.
- Participants had to ideate, prototype, and develop scalable tech solutions.
- Multiple rounds of evaluation led to shortlisting of the most promising teams.
- Winning teams were given the opportunity to present their solutions to senior government officials and explore pilot implementation.
- The Stage 2 evaluation was held at The Oberoi Hotel, Nariman Point, Mumbai and the Grand Finale was held at The President Hotel, Cuffe Parade, Mumbai.



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Outcome:

- The winning solutions have potential to be adopted by state departments, helping improve governance and service delivery in Maharashtra.
- The team was honoured to receive their prizes from esteemed dignitaries — Shri. Ashish Shelar ji (Minister of Information Technology & Cultural Affairs), Mr. Anil Bhandari, IAS, (Director, Department of IT, Maharashtra State), and Mr. Sanjay Katkar (MD, Maha IT).

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BHASHINI
in Collaboration with

Congratulations

TO TEAM
MAHASAHAYAK

For Winning
**GRAND FINALE OF THE MAHA HACKATHON
CHALLENGE 1.0**

Title: AI-driven Multilingual Voice Agent

(STUDENTS)
SAHIL GHODVINDE TE-INFT | ROHAN INGALE BE-INFT | SAHIL GAWLI BE-INFT

Awarded By

Mr. Sanjay Katkar MD of Maha IT	IAS Anil Bhandari Director of Department of IT, Maharashtra State	Shri. Ashish Shelar Minister of Information Technology Cultural Affairs
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