



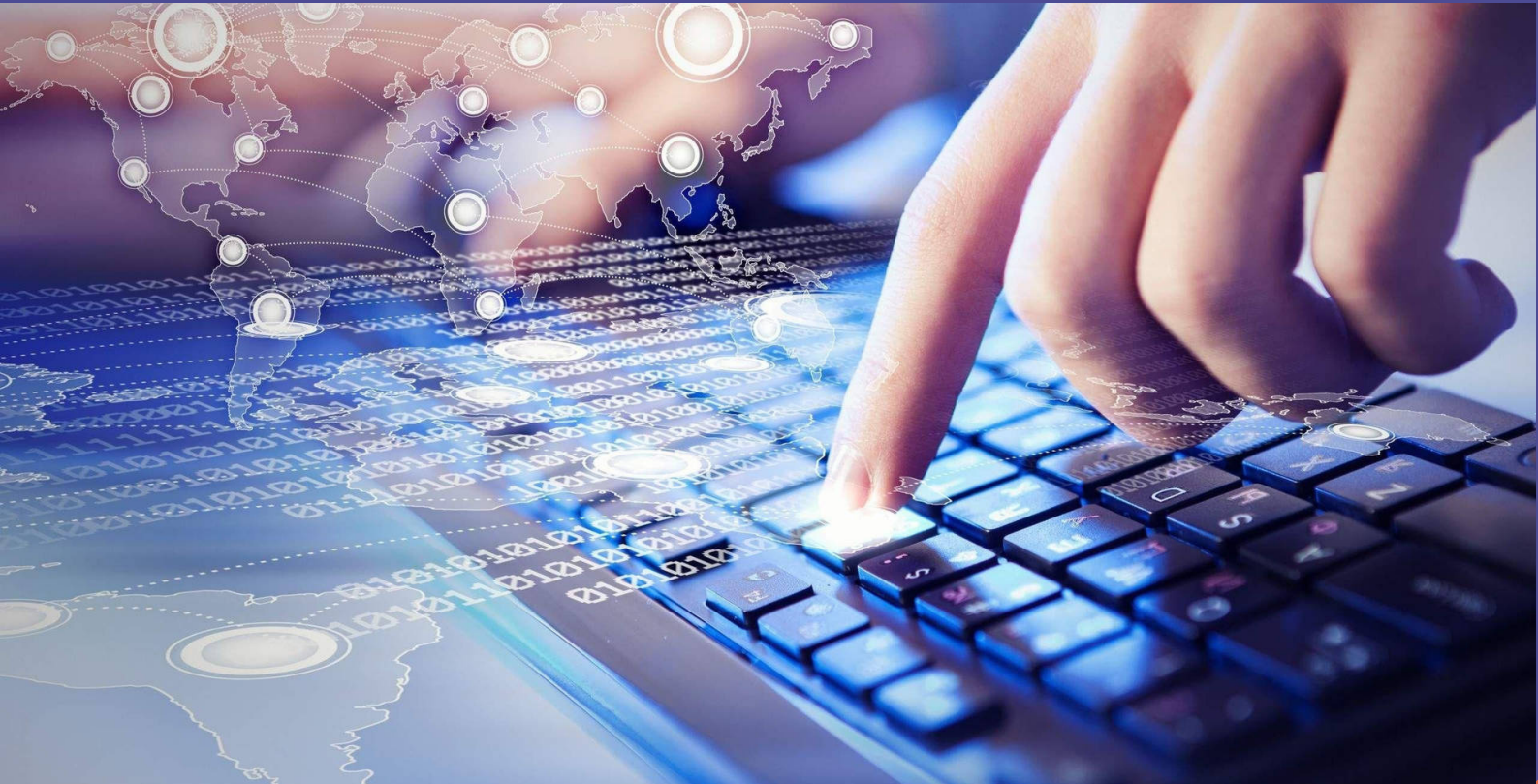
ATHARVA EDUCATIONAL TRUST'S

2023

# Atharva College Of Engineering

Atharva Educational Complex , Malad Marve Road, Charkop Naka,  
Malad (W) , Mumbai - 400095, India  
NAAC Accredited

## Department Of Information Technology



# BOOT

October to December 2023

# ACKNOWLEDGEMENT

We express our heartfelt gratitude to honorable **Shri. Sunil Rane** Sir who has always been a source of motivation to any kinds of resourceful endeavors by the faculty members and students.

A real visionary, his exemplary leadership and astute foresight has driven the faculty members and students to challenge their potential holistically contributing towards the nurturing of the great vision of Atharva College of Engineering



**SHRI. SUNIL RANE SIR**  
**Executive - President**  
**Atharva Group of Institutes &**  
**Founder Secretary - AET**

# ACKNOWLEDGEMENTS

We thank our Director Dr. P.N. Nemade for his unwavering support and unceasing encouragement. We are indebted for his unstinting assistance in making it possible for us to publish the magazine.



**DR. P.N.NEMADE**  
**Director**  
**Atharva College of Engineering**



**DR. R.M.KULKARNI**  
**Principal**  
**Atharva College of Engineering**

We also would like to thank our Principal Dr. R.M. Kulkarni , our mentor, without whom the endeavor would not have been possible. His unflinching support in any constructive venture, continuous guidance, meticulous scrutiny and thoughtful feedback has always been a motivation to us

## Top Engineering Colleges in Mumbai

The Times Engineering Survey and Data Science Special 2023 Mumbai Edition is a subset of the Times Engineering Survey 2023 Published on 20th June, 2023 by OMS (A Division of Times Internet Limited), research by IIRC INSIGHTS PVT.LTD. The research had 3 major modules i.e., Desk Research, Factual survey and Perceptual Rating survey followed by scientifically developed analysis and ranking process. The below rankings are purely arrived based on the Engineering colleges in Mumbai participating in the survey.

Top Private Engineering Colleges in Mumbai	*Rank 2023	Top Private Engineering Colleges in Mumbai	*Rank 2023
SVKM's Dwarakadas J. Sanghvi College of Engineering	1	Mahatma Gandhi Mission's College of Engineering and Technology	7
Thadomal Shahani Engineering College	2	A. C. Patil College of Engineering	8
Fr. Conceicao Rodrigues College of Engineering	3	Universal College of Engineering	9
Shah and Anchor Kutchhi Engineering College	4	Datta Meghe College of Engineering	9
Thakur College of Engineering and Technology	5	Saraswati College of Engineering	10
Terna Engineering College	6	<b>Top Universities in Mumbai</b>	<b>*Rank 2023</b>
Atharva College of Engineering ✓	6	KJ Somaiya College of Engineering	1
Xavier Institute of Engineering	7	SVKM's NMIMS, Mukesh Patel School of Technology Management and Engineering	2

\*Rankings are purely arrived based on the Engineering Colleges participated in the survey.

## QUALITY EDUCATION THROUGH RESEARCH, TECHNOLOGY AND INNOVATION FOR NEW INDIA

### Atharva College of Engineering: A hub of advanced technology

Today, Atharva is one of the fastest growing new age hi-tech educational brands in India standing for a blend of continuous innovation and global benchmarking. Atharva College of Engineering (ACE) is approved by AICTE, OTE recognised, ISO certified, Affiliated to University of Mumbai, NAAC accredited college in Mumbai. ACE imparts quality education in five undergraduate courses such as computer engineering, information technology, electronics and telecommunication engineering, electronics and computer science, and electrical engineering. ACE has a qualified, experienced and a professional team of faculties who continuously focus on holistic development of the students.

Moreover, ACE has become a prospective destination in offering world class academics with modern infrastructure with well-equipped laboratories, therefore attracting students across the country. ACE's KURA Robotics Training Center is India's second and Maharashtra's first industrial training center in engineering colleges. In addition to this, a robotics computer simulation lab is also being established with latest industrial robotics simulation software like Sim Pro and Sim Layout, used to design, develop and simulate robotic operations for different manufacturing establishments. Development in the field of big data, IOT and AR-VR are their prime focus. ACE has set up a modern IIme Lab that aims to equip young graduates in various domains that drive the digital world like mobile computing, multimedia, cloud computing etc. ACE's innovation lab is one of India's most advanced and high-tech centers of creative leadership and innovation which has been specially set up to provide a great experience in management development programs to corporate professionals and students. ACE promotes innovations and start-ups of students who have taken



Robotic Centre



Sunil Rane, Executive President of Atharva Group of Institutes and MLA-Borivali

their business ideas to the next level and started out on their own as entrepreneurs. Upcoming Atharva IT Park, a high-tech zone will be dedicated exclusively to final year B.E. students carrying out IT research and development projects in association with large international IT gi-

establishing a functional receiving ground Station for Pratham satellite at Atharva College of Engineering, Innovation and Entrepreneurship Development Centre (IEDC) at Atharva College of Engineering IEDC was established in 2012 with a mission to develop an institutional mechanism to create entrepreneurial culture in academic institutions to foster growth of innovation and entrepreneurship amongst faculty and students. Extracurricular activities like techthon, IEEE 3007, Computer Society of India (CSI), Atharva Ground Station, Ember, Paradigm of Life, NSS, Codechef, IUCEE Speed, IEDC, rhythm and sports are amongst some of the best recognised activities at Atharva.

Atharva College of Engineering has a dedicated training and placement cell which assists the students to gain employability skills as per the requirement of the current industry through rigorous training and continuous industry-institute interaction with global placement opportunities. Thus, ACE is a one of the promising destinations for young minds to become some of the best engineers of tomorrow to serve globally.

For more details, contact: [www.atharvacoee.ac.in](http://www.atharvacoee.ac.in) 022-40294949

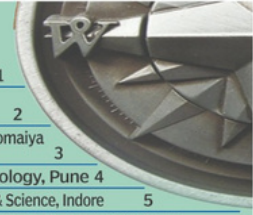


Innovation Lab

## TIMES ALL INDIA ENGINEERING INSTITUTES RANKING SURVEY 2023

The objective of this research was to identify and rank Top Engineering Institutes in India. The research had 3 major modules i.e., Desk Research, Factual survey & Perceptual Rating survey followed by scientifically developed analysis & ranking process.

WEST	
SVKM's Dwarakadas J. Sanghvi College of Engineering, Mumbai	1
Pimpri Chinchwad College of Engineering, Pune	2
K J Somaiya College of Engineering, Somaiya Vidyavihar University, Mumbai	3
Vishwakarma Institute of Technology, Pune 4	
IPS Academy, Institute of Engineering & Science, Indore	5
Bharati Vidyapeeth (Deemed To Be University) College of Engineering, Pune	6
Institute of Technology, Nirma University, Ahmedabad	7
Thadomal Shahani Engineering College, Mumbai	8
SVKM NMIMS, Mukesh Patel School of Technology Management & Engineering, Mumbai	9
Fr. Conceicao Rodrigues College of Engineering, Mumbai	10
JSPM's Rajarshi Shahu College of Engineering Tathawade, Pune	11
Shah and Anchor Kutchhi Engineering College, Mumbai	12
Thakur College of Engineering & Technology, Mumbai	13
Shri Ram Institute of Technology, Jabalpur	14
Terna Engineering College, Mumbai	15
Atharva College of Engineering, Mumbai ✓	15
Xavier Institute of Engineering, Mahim, Mumbai	16
Mahatma Gandhi Mission's College of Engineering and Technology, Kamothe, Navi Mumbai	16
A C Patil College of Engineering, Navi Mumbai	17
Datta Meghe College of Engineering, Airoli, Mumbai	18
Universal College of Engineering, Mumbai	18
Saraswati College of Engineering, Kharghar, Navi Mumbai	19
All India Shri Shivaji Memorial Society's College of Engineering, Pune	20



Times survey 2023 for Top private engineering colleges where Atharva College of Engineering has Ranked 6th in Mumbai and 15th in West India. Hon. Shri. Sunil Rane, MLA of Borivali & Executive President - Atharva Group of Institute's vision on research, technology & Innovation has made it possible for such achievements. Atharva Thanks all it's Staff, Students & Parents for their trust.

# MESSAGE FROM HOD

**“Technology is best when it brings people together.”**

**Matt Mullenweg, Social Media Entrepreneur**

The pandemic-induced shift in lifestyle, primarily driven by technical progress, has opened the door to a future where humans will live in greater digital ease. Technology has undoubtedly changed every business and people's outlook on life's challenges. Nowadays, everything is done online because of developments in technology.

All tasks are computerized and carried out by effective machinery.

With this, the purpose of education has broadened, and the never-ending struggle to make a living has been reduced. Machines are not only efficient, but they are also programmed to be flawless. Multimedia technology and internet networks have transformed the entire philosophy of learning and distance learning, allowing for close interaction between teachers and students with improved standard of learning materials compared to what was existing only with the printed media. Advances in information technology have had a considerable impact on commercial businesses in a variety of ways. However, the most important role of information technology in a commercial business is



**DR. Ulhaskumar Gokhale**  
**HOD, INFT Dept.**  
**Atharva College of Engineering**

to provide a competitive advantage. Computer-aided design, relational database technologies, spreadsheets, and word processing software, as well as automation of manufacturing processes, all provide a commercial benefit to the business. Mobility is important these days, but in the twenty-first century, the need to travel physically is decreasing significantly. Instead of flying to New York for a meeting, one can simply attend the meeting virtually and save a lot of time and money



## Department Vision

To create a healthy learning environment for students to be globally competent IT professionals with an innovative and enterprising mind set by adopting emerging technologies.



## Department Mission

- To achieve academic excellence by imparting in-depth knowledge to the students through modern teaching pedagogy.
- To cultivate analytical and soft skills inclusive of creative, managerial and team-work activities to create competent IT professionals.
- To create IT graduates capable of making a positive impact on society via innovation, entrepreneurship and professional ethics.



# ATHARVA EDUCATIONAL TRUST'S ATHARVA COLLEGE OF ENGINEERING

APPROVED BY AICTE, DTE & AFFILIATED WITH THE UNIVERSITY OF MUMBAI | NAAC ACCREDITED  
ISO 9001:2015, 21001:2018, 14001:2015 CERTIFIED



With a CGPA of 3.26

**CONGRATULATIONS**

Atharva College Of Engineering sincerely thanks all its Stakeholders Board Members. Management, Faculty, Staff, Students, Alumni, Parents, Industry Associates, Service Providers who have collectively helped Atharva College Of Engineering become an A+ accredited College, as graded by NAAC.

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# STUDENTS ACHIEVMENT



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 90001:2015

NAACA<sup>+</sup> Accredited



**VEDANT FARKADE**  
(TE - INFT)

## *Congratulations*

**ON RECEIVING**

**RANK 1<sup>st</sup> :- IN CTF COMPETITION AT XAVIER INSTITUTE OF ENGINEERING**

**RANK 2<sup>nd</sup> :- IN WEB PENTESTING, MOBILE SECURITY, CRYPTOGRAPHY**

**Vedant Farkade, a student of TE INFT , secured top honors at Xavier Institute of engineering CTF competition and secured second position in web pentesting organized at its institute on 13th Dec 2023.**



# CERTIFICATE OF ACHIEVEMENT



This certificate is proudly presented to

**Akshat Ghanshyam Sawant**

for securing *3rd position* in

***BITS Stock Exchange - Trading Challenge***

a National Level Trading Simulation Competition in association with StockGro

organized by

***Birla Institute of Technology & Science Pilani, Hyderabad Campus***

from 30 Oct, 2023 to 3 Nov, 2023



Ajay Lakhotia  
Founder, StockGro

Akshat Ghanshyam Sawant  
Winning the 3rd Prize in BITS  
Stock Exchange -Trading  
Challenge at the Birla Institute  
of Technology

# ACTIVITIES IN OCTOBER

## INDUSTRIAL VISIT

The Department of Information Technology organized an "Industrial visit to AIPMA'S AMTEC", located in Andheri, on October 17, 2023. for TE students. The visit aimed to provide students with practical insights into the applications of 3D printing, reverse engineering, plastic modeling and related software introduction like AutoCAD, Fusion 360. SOLIDWORKS, Onshape and Rhinoceros 3D.



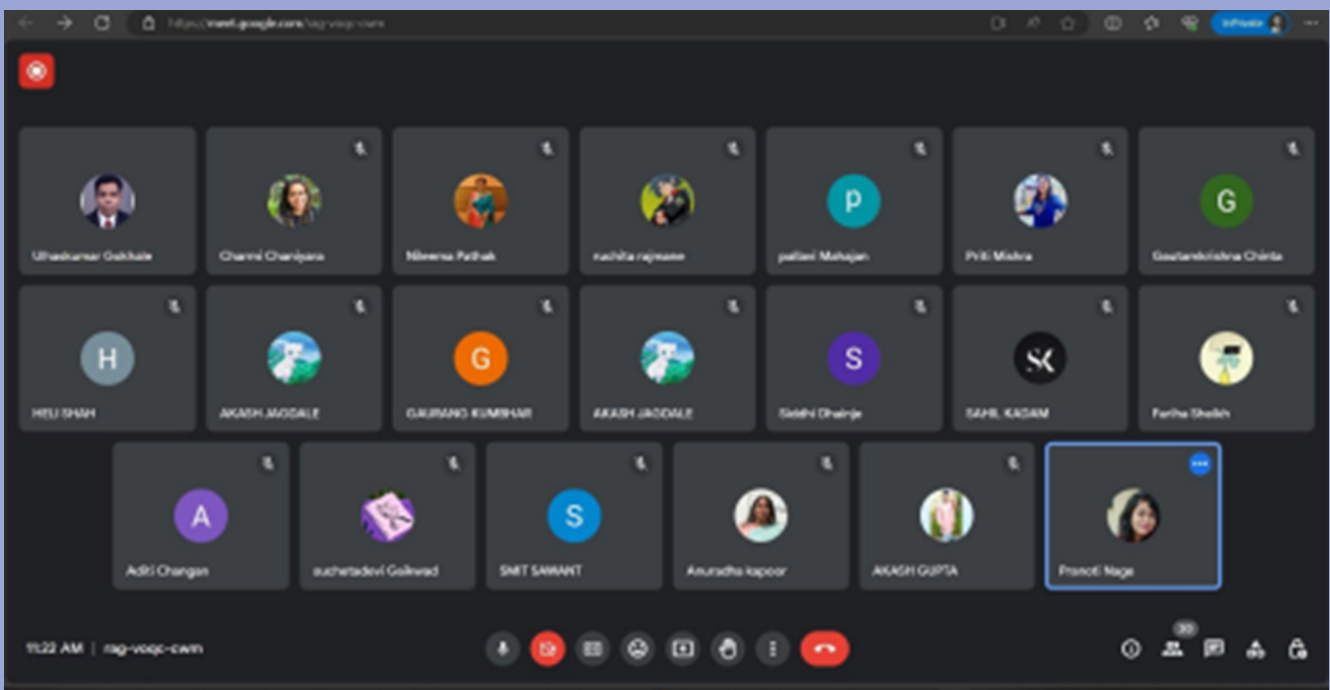
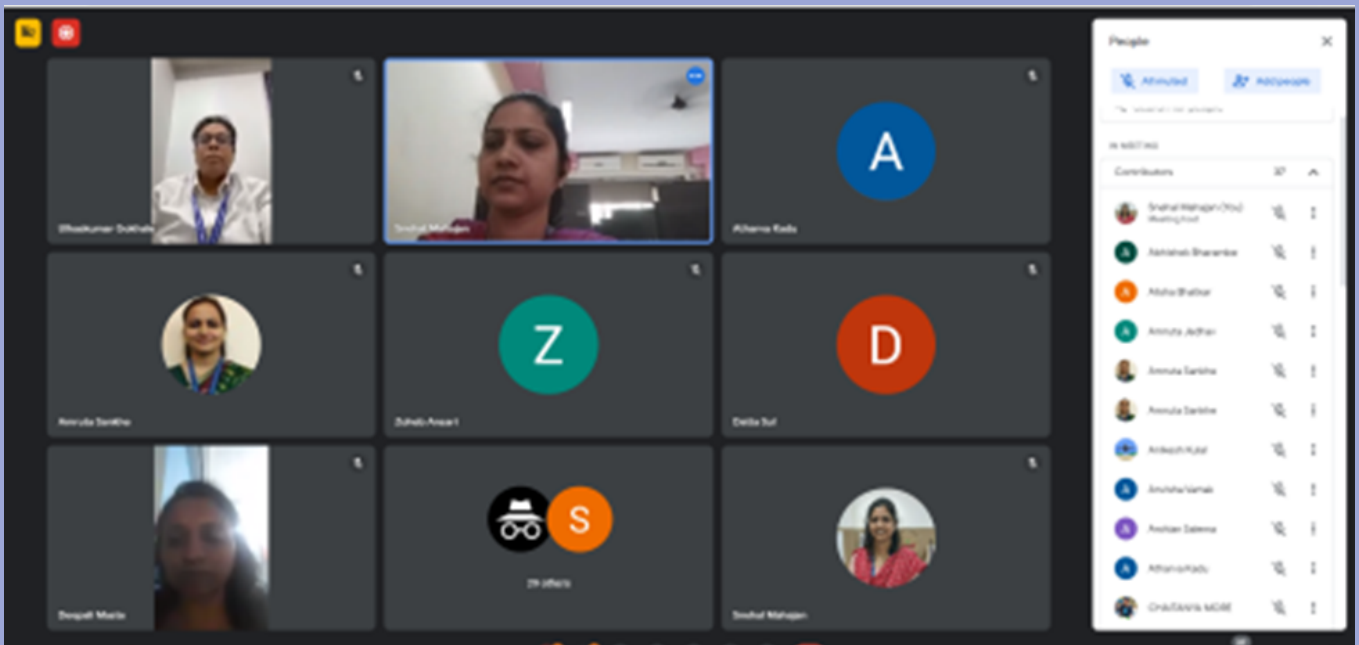
The purpose of this session was to provide students with valuable guidance and information regarding industrial development in the field of software development and technologies used in industries



# ACTIVITIES IN NOVEMBER

## PTM

The Department of Information Technology Engineering has successfully organized a Parent Teacher Meeting, (For All semesters) was scheduled on 17th November, 2023 at 11:00 AM in online mode to brief them on Academic Progress, term test 2 performance, University exams schedule and details, NPTEL courses, internships, project based learning and T&P remedial classes. The Parents were intimated about the meeting well in advance through mentors.



# ACTIVITIES IN DECEMBER

## T & P Activity- Training Session on PYTHON and JAVA



The Department of Information Technology has successfully organized, “T & P Activity- Training Session on PYTHON and JAVA” for BE students on 7th December 2023 by Dr. Ulhaskumar Gokhale, Prof. Anuradha Kapoor, Prof. Pallavi Mahajan, Prof. Amruta Sankhe, Prof. Preeti Mishra. The purpose of this session was to introduce students with Fundamentals of Python and Java. Advanced Python and Java concepts were discussed for Interview Questions.



# Short Term Training Program (STTP) on “AI/ML and Data Science for Healthcare”



**Respected Dr. Ulhaskumar Ghokale ( HOD , INFT Department) has conducted valuable session at ISTE approved two week Short Term Training Program (STTP) on “AI/ML and Data Science for Healthcare”**

