Marathwada Mitra Mandal's
College of Engineering
Karvenagar, Pune 52
Recipient of "Best College Award 2019" by SPPU
An Autonomous Institute
Department of Information Technology

InTegenious

Volume IX| Issue 2 | DEC 2023 – MAY 2024

Highlighting Events

- FDP:SecureChainCityCoin :A Convergence of Blockchain in Smart Cities
- ACM India Chapter Summit 2023
- IITB Spoken Tutorial
- Several informative expert sessions

Student Chapters/ Associations

MMCOE ACM STUDENT CHAPTER Dept of IT

MoU's with Industries

InTegenious

A biannual newsletter from the Department of Information Technology, MMCOE

Volume IX | Issue 2 | DECEMBER 2023- MAY 2024

Contents

Vision of Department:

To emerge as a Centre of Excellence in education, research and innovation in Information Technology for enrichment of Society.

Mission of Department:

- To cater IT Industry with Engineers having theoretical & practical background and competent IT skills.
- To pursue advanced knowledge in the field of Information Technology.
- To inculcate budding IT Engineers with professional and interpersonal skills.

1. Message from HOD

Dear Esteemed Readers and Supporters,
Greetings from the Department of Information Technology, MMCOE! As we navigate through the ever-evolving landscape of engineering, innovation, and education, we're thrilled to bring you another edition of our newsletter.
Here's what's in store for you:
1. Student Chapters/Clubs Events
2. Student Achievements
3. Industry Interaction
4. Centre of Excellence
5. Faculty Highlights
6. Community Engagement
7. Featured Article and many more
Thank you for your continued support and dedication to advancing engineering excellence. Together, let's inspire innovation, foster collaboration, and make a lasting impact on the world through the power of engineering. I appreciate the efforts taken by InTegenious Team of Faculty and Students and wish them all the best for the upcoming issue.

Programme Educational Outcomes (PEO's):

PEO 01: Adequate knowledge and skills in Information Technology for implementation of complex problems with innovative approaches.

PEO 02: Inclination and technical competency towards professional growth in the field of Information Technology.

PEO 03: Ethics and value based interpersonal skills to facilitate lifelong learning and societal contributions.

Team InTegenious :

Volume IX | Issue 2 |DEC 2023 –MAY 2024

Our Mentor : Dr. Rupali M. Chopade, Associate Professor, HOD IT

Faculty Editor : Ms. Punam V. Chavan, Assistant Professor, Dept. of IT.

Student Editor : Ms. Shravani Jadhav(TE IT)

2. Student Placements

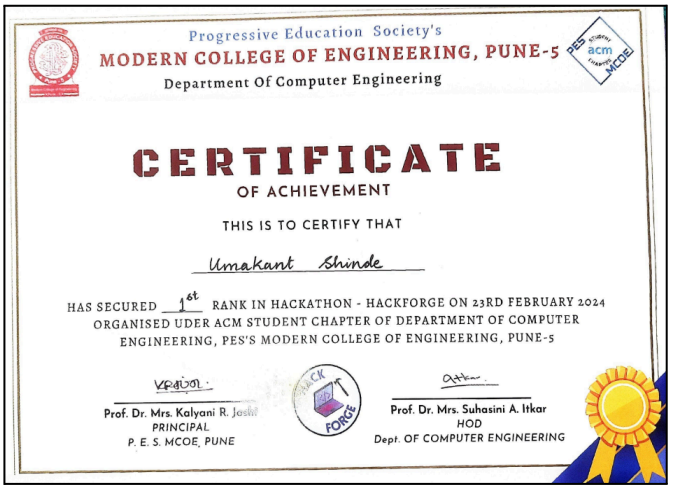
Sr. No.	Name of Student	Company Name	Package in Lacks/Year
1	Deshmukh Ruturaj Tatyasaheb	KPIT	4.5
2	Dhere Mohit Mahendra	KPIT 4.5, TCS	7
3	Gogawale Atharva Rohidas	Zipy	4.5
4	Kenge Om Prashant	Brose	5.5
5	Kolhatkar Rohan Chandrashekhar	Hexaware, TCS	7
6	Kulkarni Anish Suhas	Stellium Consulting India Pvt. Ltd	4.5
7	Mujumdar Rohan Yogesh	infocenter	4
8	Paranjape Aditya Amogh	KPIT, TCS, Joras Tech	6
9	Swapnil Kakasaheb Borude	Binated-3, Star Health	6
10	Utsav Rohilla	Aress Software, SSC	12
11	Vispute Siddhi Rajesh	Capgemini	4
12	Motale Mahesh Babasaheb	Tech Mahindra-3, Star Health	6
13	Mahesh Pimparkar	Cyble	5.5
14	Watpal Nikhita Narendra	Fundsroom	6.5
15	Agarwal Isha Naresh	Capgemini, TCS	4
16	Andhare Sakshi Shrikant	Capgemini	4
17	Dani Pooja Pramod	Capgemini	4
18	Gawade Vaibhavi Vishnu	Capgemini	4
19	Patil Bhargavi Vinod	Capgemini	4
20	Raut Srushti Dattatray	Capgemini	4
21	Suryawanshi Swarali Pankaj	Capgemini, TCS	4

22	Kamble Kshitij Gajanan	Accenture	4
23	Deshmukh Kalyani Rajesh	Informatica	7.6
24	Sankhala Dipanshu Jagdish	CloutMotiv	2.4
25	Borade Yash Dattatraya	TCS	3.6
26	Gaikwad Shreyas Vijay	TCS	3.6
27	Patil Rajeshwari Vijaykumar	TCS,Accenture	4
28	Pawar Aditi Shivajirao	TCS	3.6
29	Khadke Tejal Bahubali	Tsumos Agency	5
30	Utpat Nishad Vishwas	AN Global Consulting	3
31	Pawar Pranita Vitthal	JNJ Technologies & Services	3
32	Vaidya Shrinivas Ramdas	HealthLevel	4
33	Wayfalkar Koustubh Kailas	ImmersiveQST	5.7
34	Patil Sambhaji Baburao	TCS	3.6
35	Chauhan Nayansingh Ranjeetsingh	SAAR IT	7
36	Apte Mihir Vinayak	Algoanalytics	3.2
37	Patil Sumedh Suhas	Altizon	1.8

3. Student Achievements

Sr. No.	Name of Student	Achievement Details
1	Mr. Aditya Paranjape Mr. Rohan Kolhatkar	1st Prize - Logolympics Competition in Dexterity 2K23
2	Mr. Harsh Sanchaniya	2nd Prize - Ideas Unite in Dexterity 2K23
3	Mr. Harshvardhan Grandhi, Mr. Naman Agnihotri, Mr. Eeshan Malvandikar, Mr. Dhruv Mahajan, Ms. Vaibhavi Ladhe, Ms. Sanika Kharade	3rd Prize - SHI23 Internal Hackathon,MMCOE
4	Ms. Tejashree Mulinti	3rd Position, CICS Ideathon, FMCIII
5	Ms. Tejashree Mulinti	2nd Prize, ML Quest at GDSC MMCOE
6	Mr. Rohan Fargade, Mr. Jineet Vaishnav	2nd prize, DesignX at PES Modern COE, Pune
7	Mr. Umakant Shinde, Ms. Anushka Phadtare	1st Prize, Hackforge Hackathon at PES Modern COE, Pune
8	Mr. Yash Kamthe	1st Prize, Ideathon at SCOE, Pune
9	Mr. Yash Kamthe	Published Patent on Pedigree Analysis
10	Ms. Rujul More	Selected as team Member of SPPU team
11	Isha Agarwal	Certificate of Completing 7 Days Bootcamp with DevTown on Frontend Web Development
12	Aditya Shivarkar	1st Prize at All India Sea Training Camp

(Co-Curricular and Extra-Curricular)

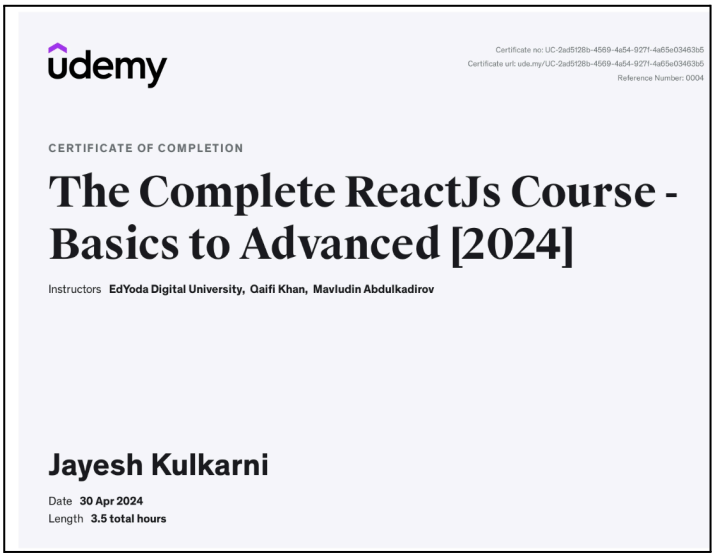


Students Online Certifications

Sr. No.	Name of Student	Certification Body (NPTEL/Coursera/Udemy)	Name of certification course completed
1	Swapnali Bakal	Coursera	Google Cybersecurity
2	Eeshan Malwandikar	AWS Academy	Cloud Foundations
3	Arvind Gavande	LInkedin Learning	Certified in Cybersecurity
4	Shravani Avinash Jadhav	NPTEL	Programming data structures and algorithms using python
5	Gauri Kokate	Coursera	Google cybersecurity
6	Sejal Pol	Coursera	Foundations of project Management
7	Prathmesh Salunkhe	Grow with Google	Foundations in User Experience(UX) Design
8	Bhuvanesh Rajekadam	Simplilearn	Business Analysis Basics
9	Dhruv Mahajan	Coursera	AWS ML Foundations
10	Soaham Mohaadkar	AWS Academy	AWS ML Foundations
11	Devanshhu Ukey	AWS Academy	AWS Cloud Foundation
12	Devanshhu Ukey	Udemy	CSS & JS complete course
13	TEJAL KHADKE	UDEMY	Complete Web & Mobile Designer: UI/UX, Figma, +more
14	Reva Pethe	Upgrad	Object Oriebted Principles in Java
15	Rohit Mehatre	Forage	Data Analytics
16	Vishal Shitole	Coursera	Cloud Computing
17	Rajeshwari Patil	Coursera	Data analytics
18	Bhargavi Patil	GUVI	Python
19	Aditya Kauthkar	AWS Academy	Cloud Computing
20	Jayesh Kulkari	Udemy	React JS
21	Dakshesh Gandhe	GreatLearning	Oracle DB
22	Anurag Kacherikar	Coursera	Advanced Learning Algorithms
23	Prasad bandagale	Udemy	AWS Certified Solutions Architect Associate SAA-C03
24	Nayansingh Ranjeesingh Chauhan	Coursera	Javascript Basics
25	Nayansingh Ranjeesingh Chauhan	Coursera	React Basics

26	Nayansingh Ranjeesingh Chauhan	Coursera	Building RESTful APIs with Node.js and Express
27	Deshmukh Kalyani Rajesh	Coursera	Data Analysis with R programming
28	Swapnil Kakasaheb Borude	NamasteDEV	React js
29	Riya Ajay Gawande	Coursera	Go Beyond the Numbers: Translate Data into Insights
30	Rohan Chandrashekhar Kolhatkar	Coursera	Google Cloud Introduction to Generative AI
31	Om Kenge	SAP	Generative AI in SAP
32	Shruti Bhosekar	Coursera , Udemy	Google Data Analytics ,Python and Django Framework
33	Rucha Kulkarni	Coursera , Udemy	Google Data Analysis
34	Srushti Raut	Udemy	Web Development
35	Swarali Surywanshi	Coursera	Google CyberSecurity
36	Atharv Kadam	Coursera	Google Cybersecurity Professional
37	Anish Kulkarni	Udemy	Cyber Security
38	Pranay Mokar	GreatLearning	Machine Learning
39	Kirti Bahaddarpure	IBM	Process Mining
40	Vaibhavi Gawade	Coursera	Data Analytics
41	Abhay Deshmukh	AWS Academy	AWS ML Foundations
42	Akash Khalekar	AWS Academy	Cloud Computing
43	Shruti Deshpande	Coursera	Marketing Analytics and Measurement
44	Suraj Magdum	YT Learning	React And Redux
45	Tejashree Mulinti	CodSoft	Python
46	Eesha Kale	Great Learning	MySQL
47	Siddhi Pawar	Scaler	MySQL
48	Suraj Magdum	AWS Academy	AWS Cloud Foundations
49	Diya Sonavale	Simplilearn	Data Science with Python
50	Isha Agarwal	Coursera	Data Analytics
51	Kshitij Kamble	Udemy	Introduction to Azure Data Factory
52	Dipanshu Sankhala	Coursera	Python Automation
53	Atharva Hande	IBM	Introduction to Web Development

			with HTML5,CSS3 & Javascript
54	Yash Borade	Great Learning	AI : Digital Image Processing
55	Pooja Pramod Dani	Coursera	Google data analytics
56	Mohit Dhere	Great Learning	Introduction to Ethicaal Hacking
57	Sumedh Patil	Great Learning	React JS Tutorial
58	Aditi Pawar	AWS Academy	AWS Academy Cloud Foundations
59	Shrinivas Vaidya	Microsoft	Microsoft Azure
60	Atharva Rohidas Gogawale	Coursera	Google Data Analytics
61	Ajeet Lokhande	Udemy	React basics Course
62	Rohan Pathak	Udemy	Cryptoccurrency masterclass
63	Shrinivas Vaidya	Microsoft	Microsoft Azure AI solution



4. Student Internships

Sr. No.	Students Name	Company Name	Domain of work
1	Abhyankar Tejas Arun	Tech Mahindra	Web Development
2	Ananthan Nair	Bharat Intern	Web Development
3	Andhale Chaitanya Sandip	Digital Kheti	Python Developer
4	Arundhati Wani	Centralogic Consultancy Pvt Ltd.	Cybersecurity
5	Salunke Aryan Jitendra	Simple Sight	Data Engineer
6	Atharva Shashank Kakade	Codsoft Softwares	Python Programming
7	Ayush Namdev Gunjal	Cloud Counselage	Web Development
8	Bhagwat Nishita Shirish	Carving It	Ai-Ml
9	Bhandare Samruddhi Sunil	Bharat Intern	Web Development
10	Bhat Naveena Mahesh	Aicte-Eduskills-Cloud Computing	Aws Cloud Virtual Internship
11	Bhide Ankita Narendra	Bharat Intern	Full Stack Developer Intern
12	Chavan Anushka Ravindra	Bharat Intern	Full Stack Developer Intern
13	Dalal Urmila Milind	Bharat Intern	Machine Learning
14	Dalal Vedant Prasanna	Supereasy Technologies Llp	Web Development
15	Deshmukh Varad Rajendra	Goldenwave Wealth Pvt Ltd	Web Development
16	Dhobale Shubham Santosh	Infotrix Private Limited	Full Stack Developer Intern
17	Dixit Puneet Sateesh	Hackveda Pvt Ltd	Cloud Computing
18	Garule Dnyaneshwari	Gts Technosoft	Web Development
19	Vaibhavi Shantaram Dongare	Bharat Intern	Web Development
20	Fargade Rohan Dilip	Bluestock Fintech	Software Development
21	Aashay Mangesh Gadekar	Bharat Intern	Web Development

22	Gadekar Atharva Ravindra	Bharat Intern	Web Development
23	Gaikwad Hemant Bhausaheb	Kasnet Technologies Pvt Ltd	Cloud/Al/Powerbi
24	Harshvardhan Sai Prasad Grandhi	Softtech Data Securities	Software Development
25	Jainak Omkar Sanjay	Supereasy Technologies Llp	Web Development
26	Jaiswar Sumit Vijay	Learnflow	Web Development
27	Jineet Vaishnav	Gamethon	Ui/Ux Design,Ai
28	Joshi Ashish Sunil	Expleo Solutions Limited	Ml & Dl
29	Joshi Mahi Makarand	Ellicium Solutions Pvt Ltd.	Data Analytics
30	Joshi Rushikesh Ghanshyam	Supereasy Technologies Llp	Web Development
31	Kamble Varad Vikas	Goldenwave Wealth Pvt Ltd	Web Development
32	Karandikar Hrushikesh Abhijit	Surabhi Solutions Pvt Ltd	Web Development
33	Kashid Trupti Ashok	Cognifyz Technologies	Web Development
34	Kauthkar Aditya Ramdas	Bharat Intern	Web Development
35	Kelkar Sanika Atul	Aicte-Eduskills Foundation	Aws Cloud Virtual Internship
36	Khalekar Akash Narayan	Aicte-Eduskills Foundation	Aws Cloud Virtual Internship
37	Kharade Sanika Sachin	Equations Work	Ml/ Web Development
38	Kothimbire Sneha Shivaji	Cloud Counselage	Ui/Ux
39	Kuchankar Aryan Babarao	Bharatintern	Web Development
40	Kudapane Aishwarya Bharat	Aicte-Eduskills Foundation	Aws Cloud Virtual Internship
41	Rujuta Satish Kulkarni	Imd	Data Analytics And Processing
42	Kulkarni Shivani Girish	Cloud Counselage	Ui-Ux
43	Ladhe Vaibhavi Vikas	Aicte-Eduskills-Cloud Computing	Aws Cloud Virtual Internship
44	Magdum Suraj Gafar	Ltts	Python Backend Development
45	Mahajan Dhruv Abhijit	Nabla Infotech	Web Development

46	Malwandikar Eeshan N	Athena Automation	Web Development
47	Marathe Hiteshbhai P	Bharat Intern	Machine Learning
48	Mohaadkar Soaham Sujeet	Athena Automation	Web Development
49	Naman Hariom Agnihotri	Softtech Data Securities	Software Development
50	Patil Atharva Amol	Cloud Counselage	Web Development
51	Patil Dhanashri Sunil	Yucca Solutions	Web Development
52	Patil Khushal Arun	Edunexa Tech Pvt. Ltd	Data Science
53	Anish Peshwe	Athena Automation	Web Development
54	Phadke Atharva Sameer	Tech Mahindra	Web Development
55	Phadtare Anushka Prashant	Shyena Tech Yarns	Data Science
56	Prasad Trimbak Kachare	Padmpaani Technologies Opc Pvt Ltd	Data Analyst
57	Rathod Aditya Balasaheb	Bharat Intern	Web Development
58	Raut Vedant Gajanan	Motioncut Studios	Java
59	Harsh Harshit Sanchaniya	Varaha Climateag Private Limited	Data Annotatiom
60	Savkare Vishvjita Pandit	Cloud Counselage	Ui/Ux Design
61	Sayyad Aliza Salim	Bharat Intern	Web Development
62	Shetty Priya Shekhar	Aicte-Eduskills-Cloud Computing	Web Development
63	Shinde Umakant Maroti	Supereasy Technologies Llp	Aws Cloud Virtual Internship
64	Shivarkar Aditya	Infotrix Private Limited	Web Development
65	Siddharth Mandke	Prowess Technology	Web Development
66	Sinha Dhruv Amarendra	Athena Automation	Web Development
67	Tikte Buddhabhushan	Bharat Intern	Web Development
68	Ukey Devanshu Rajnish	Prodigy Infotech	Full Stack Development
69	Velankar Isha Shivaji	Process Intelligence And	Web Development

		Dynamics	
70	Kamthe Yash Mahesh	Aktana	Data Analytics
71	Atharva Rohidas Gogawale	Zipy.Ai Pvt, Ltd	Software Development
72	Om Kenge	Brose India Automotive Systems Private Limited	Business Analysis
73	Swapnil Kakasaheb Borude	Binated Inc.	Ai Researcher

Internship Certificates of Students

5. Student Publications

Sr. No.	Name of Author	Paper Title	Journal/ Conference
1	Aniruddha Ramane Dakshesh Gandhe Pranay Mokar	Sign Language Recognition for Real-time Communication	International Journal for Research in Applied Science & Engineering Technology
2	Deshmukh Abhay Roshan Shreyash Deshmukh Shreyas Gaikwad Hrishikesh Pawar	Machine Learning For Academic Excellence:SVM-Based Prediction Of Student Performance	International Journal for Research in Applied Science & Engineering Technology
3	Ram Gaigol Prasad Ghule Manav Zutshi Pushpak Nimbekar	Fake Currency Detection Using Android	International Research Journal of Modernization in Engineering Technology and Science
4	Om Kenge Anish Kulkarni Rohit Mehatre Kulkarni Rucha Mohan	Advancing Job Search: A Comprehensive Resume-Based Job Recommendation System Using NLP and Deep Learning Techniques	International Journal for Research in Applied Science & Engineering Technology
5	Kirti Bhaddarpure Mahesh Pimparkar Nishad Utpat Utsav Rohilla	Container Based Browser Using Docker	Journal of Emerging Technologies and Innovative Research
6	Tejal Khadke Mihir Apte Ajeet Lokhande Rohan Mujumdar	Online Social Media Content Management System	International Journal for Research in Applied Science & Engineering Technology
7	Sakshi Andhare Rajeshwari Patil Srushti Raut Swarali Suryawanshi	Automated Dental Cavity DetectionUsing Machine Learning	International Journal for Research in Applied Science & Engineering Technology

8	Atharva Gogawale	Domain Specific Adaptation of an Open-Source LLM (Large Language Model)	International Journal for Research in Applied Science & Engineering Technology
	Atharva Kadam		
	Kshitij Kamble		
	Rohan Pathak		
9	Nikhita Watpal	Empowering the Blind: An AI Driven Indoor Assistance for Visually Impaired	International Journal for Research in Applied Science & Engineering Technology
	Riya Gawande		
	Dipanshu Sankhala		
	Siddhi Vispute		

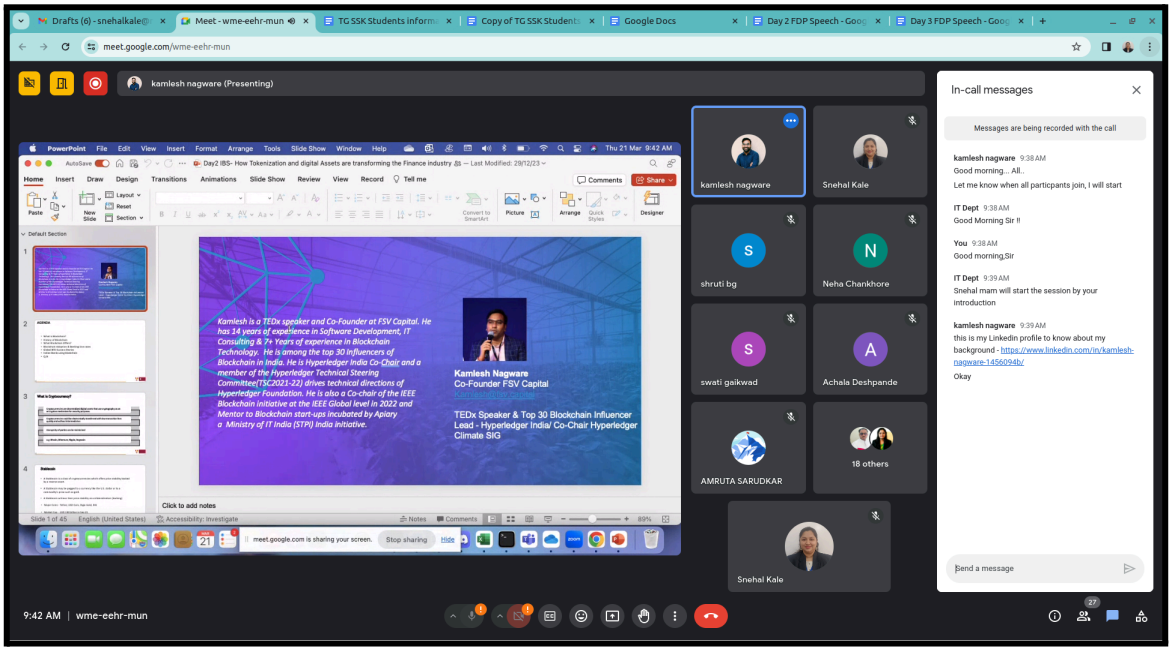
6. Workshops & Technical Events Conducted by Department

1. One week FDP on "SecureChainCityCoin:A Convergence of Blockchain in Smart Cities":

Event name: One week FDP on "SecureChainCityCoin:A Convergence of Blockchain in Smart Cities"
Event date: 18 March- 22 March 2024
Platform: Google meet

*Faculty Development Program (FDP) on **SecureChainCityCoin:A Convergence of Blockchain in Smart Cities**, was organized by Department of Information Technology, Marathwada Mitra Mandal College of Engineering, Pune. The FDP was organized for five days between period of **18 March- 22 March 2024** in association with The IEEE Pune Blockchain and SoftTech Data Securities Centre*

The faculty Development Program was inaugurated by Information Technology Department HoD, Dr Rupali Chopade. FDP coordinator Dr Swapnaja Ubale and Ms. Snehal Kale were given the brief introduction about FDP schedule and importance of FDP. About 80 participants were actively participated and gained useful information from all the sessions.



▪ Spoken Tutorial :

Event Name : Spoken Tutorial Online Test

The summary of the result of the spoken tutorial test for Sem-II were as follows :

Branch	Year	Course Name	Candidates Appeared	Candidates Passed	Passing Percentage
IT	S.E	Java	72	72	100
IT	T.E	RDBMS PostgreSQL	65	65	100
IT	B.E	JavaScript	72	72	100

● Parent Teacher Meeting :

Event Date: 09/03/2024
Mode of Conduction: Offline
Venue: AC 401, IT Department, 4th Floor, MMCOE, Karvenagar.

Parent Teacher meeting for the academic year 2023-24, Semester-I was conducted on 14 Oct 2023 in the college campus. Around 34+ Parents from SE, TE and BE were present for the Meeting.

Commencement of the Parent Teacher meeting at 10:45 am with the welcome speech by Dr. Swapnaja Ubale. Department presentation regarding vision, mission, PEO and infrastructure details and academic policies followed by the department was presented by Dr. Rupali Chopade, HOD. Felicitation of Toppers from SE, TE and winners in Extra-curricular and Co-curricular activities. Overview of T & P Activities undertaken by the college by Mr.. Rahul Undegoankar, TPO, MMCOE. Questions and issues of the parents were then addressed by HOD Dr. Rupali Chopade and faculty members of the Department. The parent teacher meeting concluded at 12:30 pm followed by refreshment.

 Following points were discussed in Meeting:

1. *At the start of the Presentation the Vision and Mission of the Department was disseminated to the Parents.*
2. *Current year placement scenarios were discussed with the parents.*
3. *Discussed the efforts taken by the Department and College for placement and internship.*
4. *Mrs. Preeti Joshi , Director, TPO Coordinator of the department discussed various initiatives taken by the college for Students' Internships and Placements.*
5. *Discussed the various activities conducted in the department like skill-development programs, Curriculum gap bridging Lectures, Guest Lectures, Workshops, coding competitions and other events conducted under ITSA, IT Tech. Club and ACM student chapter.*
6. *Discussed the various activities and projects conducted under the 'Centre of Excellence Computational Intelligence' in the department.*

7. *Discussed the new lab setup of blockchain and its infrastructure. Parents appreciated the lab details and effort taken by the college on improvement of infrastructure.*
8. *Parents appreciated the efforts taken by the College and Department and were happy to meet the faculties in person.*

7. Seminars / Guest Lectures Conducted by Department

Sr. No.	Name of Resource Person	Designation and Organization	Topic of Lecture	Date	Beneficiary
1	Ms.Swapnaja Patil	System Analyst , Cybage Software Pvt, Ltd	Advanced NLP task_sentiment analysis and tools	10/04/2024	24
2	Susneha Patil	Agile Transformations Consultant And Coach	Leadership and Personality Development	14/03/2024	33
3	Mr.Siddhesh Tiwrekar	Chief Legal Advisor,Social Justice & Special Assistance Department,Government of Maharashtra	IT laws,Cyber crime	27/04/2024	76
4	Mr.Vaibhav Deshmane	Specialist full stack developer in Paysquare	Analysis,algorithm, social media data	01/05/2024	35
5	Mr. Umesh Thakare	Senior Associate ,Cognizant	Salesforce CRM	15/4/2024	40

8. ACM Student Chapter Activities

The students selected for the mentioned posts of MMCOE ACM Students chapter , for the AY 2023-24 are as below:

Sr. No.	Name of Post	Name of Student
1	Chairperson	Mr. Rohan Fargade
2	Vice Chairperson	Mr. Naman Agnihotri
3	Treasurer	Mr. Eeshan Malwandikar
4	Joint-Treasurer	Mr. Dhruv Mahajan
5	Secretary	Mr. Ashish Joshi
6	Joint-Secretary	Ms. Dhanashri Patil
7	Webmaster	Mr. Umakant Shinde
8	Creative Head	Mr. Aniket Kamble
9	Event Manager-Frontend	Ms. Vaibhavi Ladhe
10	Event Manager-Technical	Mr. Harshavardhan Grandhi
11	Publicity and Sponsorship Head	Mr. Prasad Babar
12	Social Media Manager	Ms. Isha Velankar
13	Department Coordinator	Ms. Preeti Pokale
14	Department Coordinator	Mr. Sattyaksh Mangsulikar
15	Department Coordinator	Ms. Kshama Patil
16	Department Coordinator	Ms. Prachiti Doshi

- **ACM Event/Workshop :**

Event Name: ACM India Chapter Summit 2023

Event Date: 21th and 22nd December 2023

Event Detail:

The ACM India Chapter Summit 2023 was an event held on December 21st and 22nd,2023, at Manipal University Jaipur, Rajasthan, India It was a hybrid event, meaning that people could attend either in person. The summit's goal was to bring together students and professional chapters of the Association for Computing Machinery (ACM) from all over India . It was a chance for members to network, share best practices, and learn from each other

Conduction Of Summit:

The summit aimed to foster collaboration, share experiences, and explore innovative ways to advance the field of computing among student and professional chapters across India. It provided a platform for:

• Knowledge sharing: Through talks, workshops, and presentations from experts and award-winning chapters.

• Networking: Connecting with fellow members, building relationships, and collaborating on future projects.

• Professional development: Gaining insights into the industry and career opportunities in computing..

Faculty and Student Participants Details:

1.Mr. Nikhil Dhavase(Faculty coordinator)
2. Rohan Fargade(Chairperson)
3. Naman Agnihotri(Vice-chairperson)

Glimpses from ACM India Chapter Summit 2023

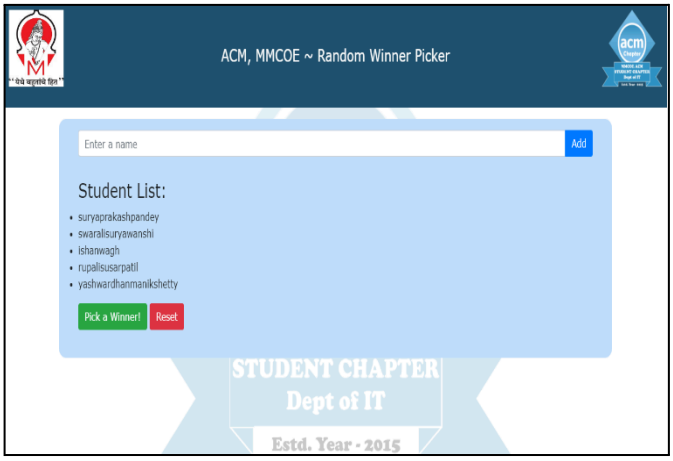
- **ACM Brain games :**

Event Name: Brain Games
Event Date : End of Every Month
Venue : Online
Platform : Google Forms

The ACM Student's Chapter of Marathwada Mitra Mandal's College of Engineering, Pune successfully conducted "ACM Brain Games" for the months of November December 2023

The quiz questions were divided into general knowledge and technical knowledge. The quiz consisted of a total of 14 questions. The total points for the quiz were 20.

To select a winner from multiple top-scorers a digital lucky draw was developed in house. Every month, the winner was awarded with ACM Googies.



Glimpses from Brain Games in month of December

9. Students Association (ITSA) Activities

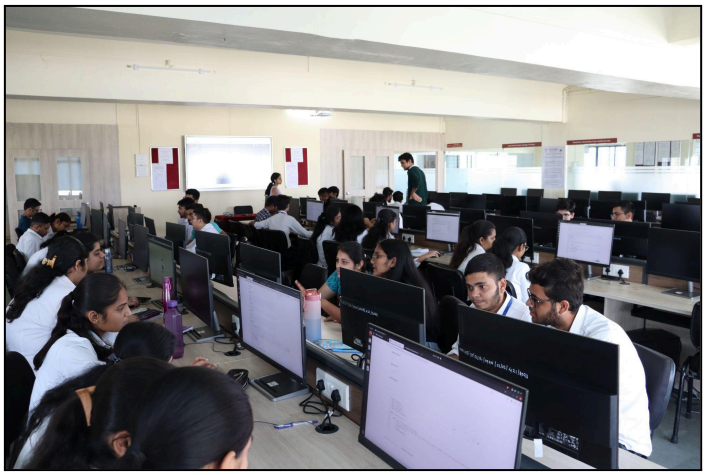
- ITSA is an association of IT department students for the students by the students of the students. ITSA was formed in AY 2014-2015.
- ITSA Student Committee for 2023-24:

Sr. No.	Post	Name
1	President	Naman Hariom Agnihotri
2	Vice President	Magdum Suraj Gafar
3	Secretary	Joshi Mahi Makarand
4	Department GS	Anish Peshwe
5	Department Sport Coordinator	Patil Khushal Arun & Ayush Namdev Gunjal
6	Social Media Head	Phadke Atharva Sameer & Bhagwat Nishita Shirish
7	Creative Head	Kothimbire Sneha Shivaji
8	Treasurer	Mahajan Dhruv Abhijit
9	Dongare Vaibhavi	Ms. Nikhita Watpal

Event Name : BE Farewell Programme
Event Date:28th May, 2024
Venue: IT Dept, MMCOE

The farewell programme for the Batch of 2024 was a heartfelt event conducted on May 28, 2024, by the Information Technology Students' Association (ITSA) in association with the Department of Information Technology. The event aimed to bid goodbye to the graduating students and extend best wishes for their future endeavors.
The event was enlivened by several performances. Three final-year (BE) students showcased their talents through captivating performances which included a variety of acts that reflected their creativity and passion. Also, a collaborative singing and dance performance by members of ITSA and third-year students added to the vibrancy of the event. This segment highlighted the strong bonds and camaraderie between different batches within the department

Glimpses from the Event Java Mania



Event Name : Java Mania
Event Date: 5h April, 2024
Venue: Marathwada Mitra Mandal's College of Engineering, Pune-52

The Information Technology Students Association of MMCOE organized a coding competition on April 5, 2023. This event aimed to provide a platform for IT students to showcase their coding skills and compete in a challenging environment. The competition consisted of two rounds, a quiz round and a coding round, and saw enthusiastic participation from students. The coding competition began with a 15-minute quiz round on Object-Oriented Programming and Data Structures and Algorithms in Java, which is a popular programming language among students. The questions were designed to test the participants' theoretical knowledge of programming concepts.
The coding competition garnered substantial interest and participation from the students of MMCOE. A total of 63 registrations were received for the event, reflecting the growing enthusiasm for coding and programming among the student community.

10. IT Tech Club Activities

About Club: MMCOE IT Tech will work as a platform for students where they will be able to build their technical skills and bring the best out of them in today's dynamically developing world.

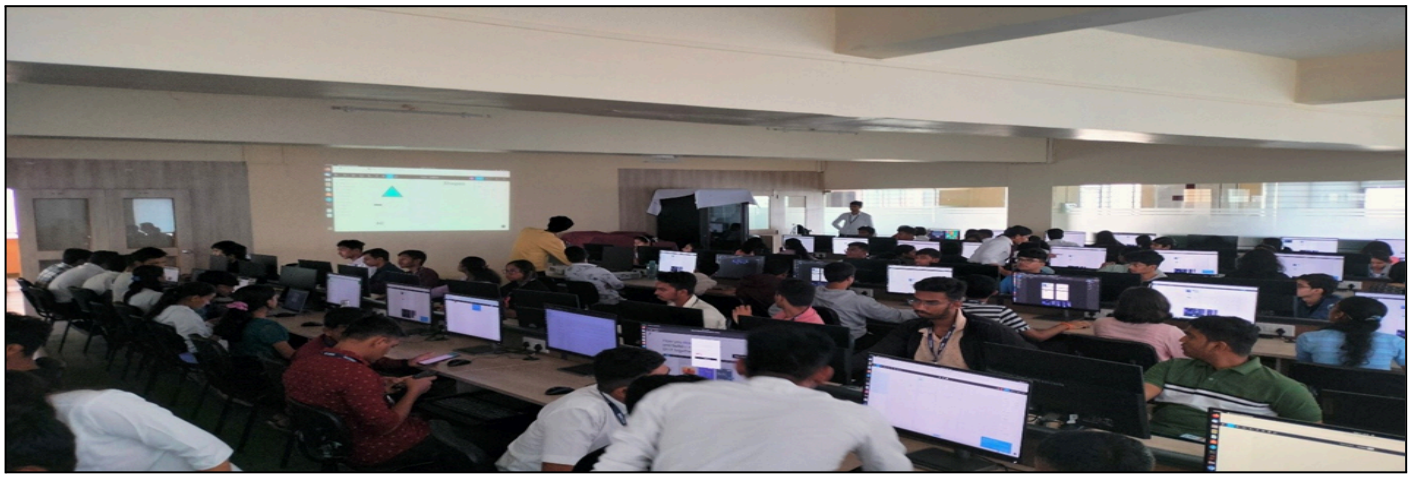
Office Bearers for A. Y. 2023-24

Sr. No	Name of Post	Name of Student
1.	President	Mr. Prasad Kachare
2.	Vice-President	Mr. Vedant Dalal
3.	Student Advisor	Mr. Mahesh Motale
4.	UI / UX Head	Mr. Jineet Vaishnav
5.	Web Development Head	Mr. Umakant Shinde
6.	Web Development Co Head	Mr. Harshvardhan Grandhi
7.	Data Science & AL-ML Head	Ms. Phadtare Anushka
8.	Competitive Coding Head	Ms. Anushka Chavan
9.	Social Media Head & Event Management	Ms. Velankar Isha
10.	Content Designer	Mr. Anish Peshwe
11.	Support Team Lead	Ms. Bhagwat Nishita

List of Activities conducted in AY 2023-24 :

Sr. No	Date	Activity	Domain	Description	Conducted by	Participants
1.	11/8/2023	Session	UI/UX	NO Code Website	Jineet Vaishnav	74
2.	14/10/2023	Competition	Coding Competition	IT SpeedHack	all member	25
3.	26/10/2023	Session	Coding Competition	RapidX	all member	25
4.	15/2/2024 and 16/2/2024	Session	Web Development	ReactRevolution	Mr. Umakant Shinde,Ms.Leena Patil, Mr. Prathmesh Khadilkar,Mr. Harshvardhan Grandhi	50+

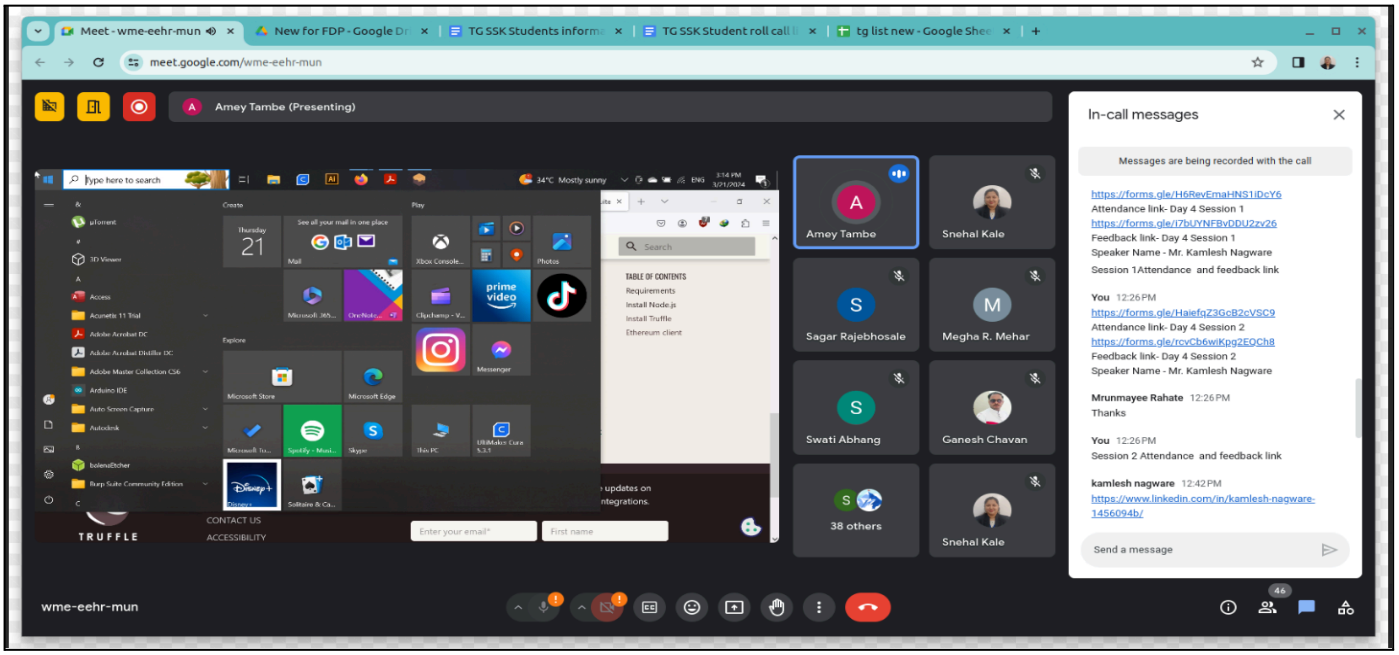
Glimpses of Event:

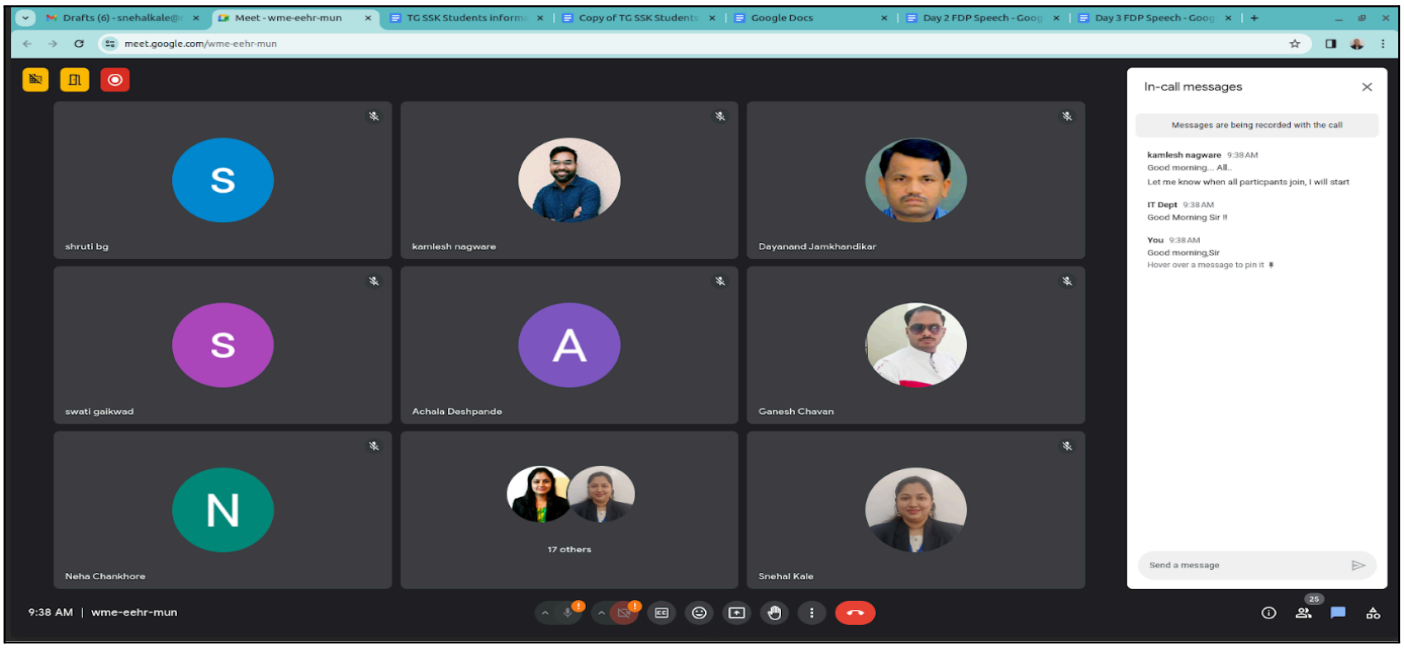


11. Center of Excellence

Activities under COE

Sr. No.	COE	Event Conducted	Domain
1	Blockchain	FDP on SecureChainCityCoin:A Convergence of Blockchain in Smart Cities	Blockchain Technology





FDP on SecureChainCityCoin:A Convergence of Blockchain in Smart Cities

12. Result (AY 2023-24 Sem II)

Sr. No.	Class	No. of Students Appeared	Passing Percentage
1	SE	76	73.68
2	TE	71	97.81
3	BE	78	97.44

Our Toppers

Class	Rank	Name of Student	SGPA
SE	1	Anupama Tilak	9.59
	2	Jadhav Shravani Avinash	9.45
	3	Manikshetty Yashwardhan R	9.43
TE	1	Velankar Isha Shivaji	9.86
	2	Ladhe Vaibhavi Vikas	9.83
	3	Magdum Suraj Gafar	9.71
BE	1	Khadke Tejal Bahubali	9.66
	2	Utsav Rohilla	9.42
	3	Reva Vighnesh Pethe	9.35

13. Technical Blogs by Students

Title : Understanding UI/UX
Author : Prathmesh Salunkhe(TE-IT)

Introduction

User interface (UI) design is the process designers use to build interfaces in software or computerized devices, focusing on looks or style.

The **User Experience(UX)** is how a person, the user, feels about interacting with or experiencing a product.

UI vs UX

User interface (UI)

The visual elements of a product, such as buttons, icons, and text entry fields

How a product looks and functions Page layout, color scheme, font selection, interactive elements, wireframe, and prototype fidelity. A key element of user experience

User experience (UX)

The entire interaction a user has with a product, including how they feel about it

How a user interacts with a product, including their perceptions of ease of use, efficiency, and utility. Market research, wireframe development, prototype testing, and cross-functional collaboration.A crucial part of how a user interacts with a product or website

User interface (UI)	User experience (UX)
The visual elements of a product, such as buttons, icons, and text entry fields	The entire interaction a user has with a product, including how they feel about it
How a product looks and functions	How a user interacts with a product, including their perceptions of ease of use, efficiency, and utility
Page layout, color scheme, font selection, interactive elements, wireframe, and prototype fidelity	Market research, wireframe development, prototype testing, and cross-functional collaboration
A key element of user experience	A crucial part of how a user interacts with a product or website

UX designer	UI designer
Interaction designer	Visual designer
Charts the user pathway	Chooses color and typography
Plans information architecture	Plans visual aesthetic
Expert in wireframes, prototypes, and research	Expert in mockups, graphics, and layouts

Where do UI and UX overlap?

While UI is generally understood as a specialized subset of UX work, there are three key areas of overlap:

User-centered design expertise: Both disciplines require designers to develop empathy for the end user and consider how users want to use a product or site.

Cross-functional teams: Designers working on UI and UX must collaborate closely with developers to make products and sites appealing, accessible, and usable.

Design tools: UX and UI designers use many of the same tools, such as Figma's design system software , prototyping tool, UI design tool and UX design tool.

Know your User

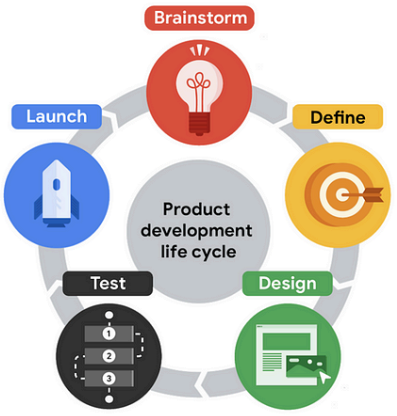
A **user** is a person who is trying to solve a problem and is looking for a product or service to help them solve it.

As a UI/UX designer, our goal is to keep the user at the center of every decision we make, and to do that, we need to get to know our user.

Most of the initial UI/UX research that we conduct at the beginning of the project will be focused on getting to know the characteristics of your users, their goals, and their pain points.

Understanding the user empowers you to design experiences that are helpful or easy to use.

Product Development Life Cycle



Product/Software Development Life Cycle

Every new product, whether it's an app or a physical object, follows a specific set of steps that take it from the first spark of an idea to the release of the final product. This is called the product development life cycle, and it has five stages: brainstorm, define, design, test, and

launch. Depending on where you work, the exact names of each stage might be a little different, but the overall process is generally the same.

Every new product, whether it's an app or a physical object, follows a specific set of steps that take it from the first spark of an idea to the release of the final product. This is called the **product development life cycle**, and it has five stages: **brainstorm**, **define**, **design**, **test**, and **launch**. Depending on where you work, the exact names of each stage might be a little different, but the overall process is generally the same.

Characteristics of Good UI/UX

Good design is easy to spot but often hard to pin down. What exactly makes a product effective to its users? Is it a matter of simplicity, structure, or functionality? The answer depends on the product in question.

1. A design should be user understandable.

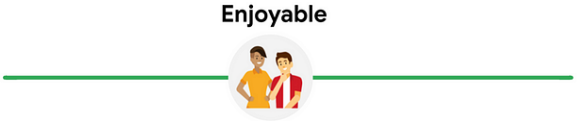
If a product is **usable**, it means the design, structure, and purpose of the product is clear and easy to use. As you evaluate a product for usability, you can ask questions like: Is everything in the design easy to find? Is the design's functionality easy to understand? Can users accomplish specific tasks within the design? As you evaluate, these questions can help you determine whether the design delivers a usable experience.

Imagine you are evaluating the usability of an airline app. Assuming the primary purpose of this app is to book a flight, the design should provide a clear and easy way to complete that task. For example, a section where you can easily enter travel and flight details on the homepage would be an example of good usability.

2. A design must be helpful to user in diverse abilities.

If a product is **equitable**, it means a design is helpful to people with diverse abilities and backgrounds. In other words, the product's design addresses the needs of a diverse audience and ensures a high-quality experience is delivered to all users regardless of background, gender, race, or ability. Equity means providing people with the tools they need to accomplish their goals and support improved quality of life. Equity goes beyond the concept of equality, where everyone is given equal resources, because people often need different tools and support based on their needs. This is especially important to keep in mind for those in commonly disenfranchised groups. As you evaluate the equity of a product's UX, you can ask questions like: Are the needs of a diverse group of users considered? Does the product's design address the needs of traditionally underrepresented and excluded groups? These questions can help you determine whether the design delivers an equitable experience.

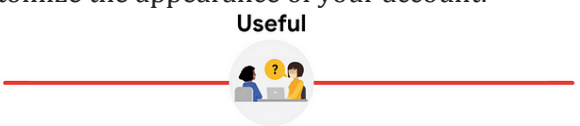
Imagine you are evaluating how equitable a social messaging app is. You might consider the design more equitable if the keyboard emoji list includes different skin tones and gender-neutral avatar options.



3. A design must be delightful to the user.

If a product is **enjoyable**, it means the design delights the user. The design reflects what the user may be thinking or feeling and creates a positive connection with them. A product's design doesn't have to be enjoyable for it to function properly. But, an enjoyable design adds to an already functional product and can enhance the user's feelings about the experience. As you evaluate how enjoyable a product's UX is, you can ask questions like: Are there aspects of the design that consider the user's feelings? Does the design inspire delight in the user? Does the design keep the user engaged throughout their experience? These questions can help you determine whether the design delivers an enjoyable experience.

Imagine you are evaluating how enjoyable a video streaming app is. Design aspects that might increase how much you enjoy the product include personalized recommendations based on previous watching habits, or the ability to customize the appearance of your account.



4. A design must be a problem solver for the user.

If a product is **useful**, that means it solves user problems. In other words, the design intentionally solves a user problem that the designer has identified. It's important to note that, while similar, useful and usable have different meanings. A product that is useful isn't always usable. The same is true for the opposite. The distinction between the two is that usability refers to the product working well and being easy to use, while usefulness refers directly to the ability to solve user problems. As you evaluate how useful a product's UX is, you can ask questions like: Does the design add value to the user's experience? Does the design solve a problem for the user? Does the design help the user achieve a specific goal? These questions can help you determine whether the design delivers a useful experience.

Imagine you're evaluating how useful a banking app is. Users typically download these apps because they need a place to manage their money. With this in mind, aspects of the app that might be considered useful are features that can be used to transfer money between accounts and pay bills.

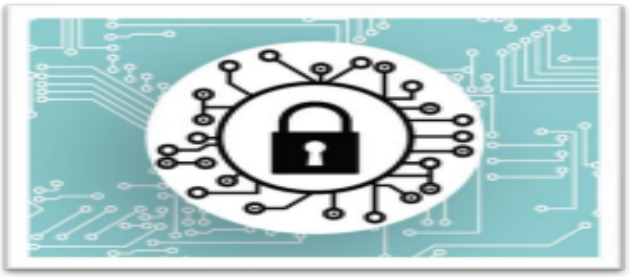
Title : Zero Trust Architecture (ZTA)

Author : Prathmesh Khandare, Omkar Patil (TE-IT)

Introduction

In today's rapidly evolving digital landscape, traditional cybersecurity models that rely on perimeter-based defenses are increasingly proving to be inadequate. This is primarily due to the growing complexity of IT environments, including remote workforces, cloud services, and the proliferation of IoT devices. Enter **Zero Trust Architecture (ZTA)**, a revolutionary approach that shifts the focus from the network perimeter to individual users and devices, embodying the mantra: *"Never trust, always verify."*

Zero Trust is grounded in the principle that threats can originate both outside and within an organization's network. As cyber threats evolve in sophistication and frequency, relying solely on external firewalls and intrusion detection systems no longer suffices. According to Forrester Research, the Zero Trust framework addresses this challenge by assuming that threats could be present at any level of the network. Thus, it emphasizes strict identity verification and continuous monitoring regardless of whether users are inside or outside the corporate network



Zero Trust Architecture is not a single product or solution; rather, it is a comprehensive approach that integrates various security measures and protocols to create a holistic security posture. This paradigm leverages advanced technologies, such as **Identity and Access Management (IAM)**, **Multi-Factor Authentication (MFA)**, and **micro segmentation**, to protect sensitive data and systems .

The shift towards ZTA has been further accelerated by external factors such as the COVID-19 pandemic, which has transformed workplace dynamics and increased reliance on cloud services. As organizations adopt hybrid and remote work models, implementing a Zero Trust framework becomes essential to ensure that only authenticated users and devices can access critical resources . Research conducted by **Cybersecurity Insiders** indicates that approximately 76% of organizations are actively considering or have already begun implementing Zero Trust strategies .

Key Components of Zero Trust Security

Zero Trust Security (ZTS) is a comprehensive security model designed to protect sensitive data and resources by requiring verification from every user and device attempting to access systems, regardless of whether they are inside or outside the network perimeter.

The key components of Zero Trust Security include:

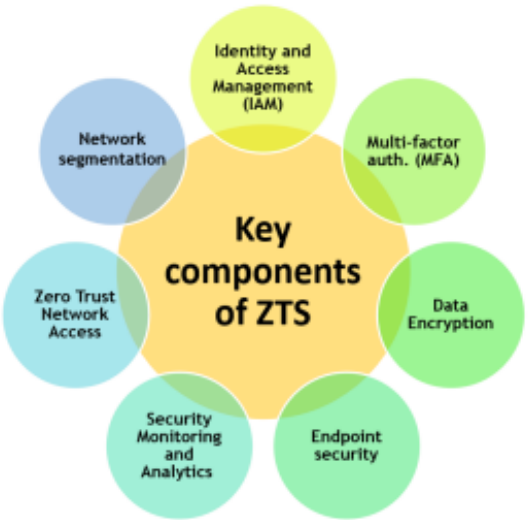
1. **Identity and Access Management (IAM)**:
    - o IAM systems ensure that only authenticated users can access sensitive data and applications. They enforce the principle of least privilege, granting users access only to the resources necessary for their job functions. This often includes role-based access control (RBAC) and dynamic access management based on user behavior and context.
2. **Multi-Factor Authentication (MFA)**:
    - o MFA adds an extra layer of security by requiring users to provide multiple forms of identification before gaining access. This can

include a combination of passwords, biometric scans, or one-time codes sent to a user's mobile device, significantly reducing the likelihood of unauthorized access.

3. **Data Encryption**:
   - o Strong encryption practices protect data both at rest and in transit. By encrypting sensitive information, organizations ensure that even if data is intercepted or accessed without authorization, it remains unreadable and secure.Source: NIST and Cybersecurity Insiders.
4. **Endpoint Security**:
   - o This component focuses on securing endpoints such as laptops, mobile devices, and servers that access the network. Endpoint security solutions monitor device behavior, enforce security policies, and detect anomalies to prevent potential breaches.
5. **Network Segmentation**:
   - o Network segmentation divides the network into smaller, isolated segments to limit lateral movement within the network. By controlling traffic between segments, organizations can contain potential breaches and reduce the attack surface.

Fig. Components of zero trust security architecture

6. **Security Monitoring and Analytics**:
   - o Continuous monitoring of user activities, network traffic, and system logs is essential in Zero Trust Security. Advanced analytics, including machine learning and artificial intelligence, can help identify suspicious activities and automate responses to threats.
7. **Zero Trust Network Access (ZTNA)**:
   - o ZTNA replaces traditional VPNs by providing secure access to applications based on user identity and context rather than the location of the user. This model enhances security by ensuring that only authorized users can access specific applications, regardless of their location.



By integrating these components, organizations can create a robust Zero Trust Security framework that enhances their overall security posture and reduces the risk of data breaches.

Applications and Use Cases of Zero Trust Architecture (ZTA)

Zero Trust Architecture (ZTA) is increasingly being adopted across various sectors to enhance security, particularly in cloud environments, IoT networks, and remote work scenarios. Here's a closer look at its applications and real-world use cases:

1. Protecting Cloud Environments

As organizations migrate to cloud-based infrastructures, the traditional perimeter security model becomes less effective. ZTA addresses this challenge by enforcing strict access controls and continuous authentication, regardless of the user's location.

• Real-World Example: Google Cloud Platform (GCP) uses a Zero Trust model called BeyondCorp. This approach allows employees to securely access applications hosted in the cloud from any device without needing a VPN. It continuously evaluates user identity, device health, and access context, minimizing risks associated with remote access .

2. Securing IoT Networks

The proliferation of Internet of Things (IoT) devices has introduced significant security challenges. ZTA can mitigate risks by ensuring that every device is authenticated and monitored continuously.

• Real-World Example: Cisco has integrated ZTA principles in their IoT security solutions, allowing businesses to create secure zones for IoT devices. Each device must authenticate itself, and access is limited based on the principle of least privilege. This approach helps prevent unauthorized access to sensitive data from potentially vulnerable IoT devices .

3. Enabling Remote Work

The shift to remote work has made it essential for organizations to implement robust security measures. ZTA provides a framework that secures remote access and ensures that employees are verified continuously.

• Real-World Example: Zscaler, a cloud security company, offers a Zero Trust Exchange platform

that enables secure remote access to applications and services without exposing them to the internet. Organizations like Slack and Dropbox have adopted Zscaler to enhance security for their remote workforce, ensuring that all users are authenticated and monitored, regardless of their location .

4. Continuous Verification and Monitoring
Continuous verification is a key aspect of ZTA, requiring ongoing assessment of user identity, device status, and the environment before granting access to resources.

- Real-World Example: Okta, an identity management company, utilizes ZTA principles to provide secure access to applications and data. Their platform integrates with various identity providers and uses adaptive authentication to ensure that user access is continuously verified based on real-time context .

Future Trends and Opportunities in Zero Trust Architecture

As the digital landscape continues to evolve, Zero Trust Architecture (ZTA) is positioned to address emerging security challenges effectively. The integration of advanced technologies and the evolution of connectivity will significantly influence the future of ZTA.

1.AI and Machine Learning Integration
The incorporation of Artificial Intelligence (AI) and Machine Learning (ML) into ZTA frameworks can enhance security measures by enabling dynamic and adaptive security policies. These technologies can analyze vast amounts of data in real-time to identify potential threats and anomalies, allowing for quicker responses to security incidents.

- Dynamic Threat Detection: AI algorithms can continuously learn from previous security incidents and user behaviors, adapting security measures accordingly. For example, if a user's behavior suddenly changes—such as accessing sensitive data outside of their usual patterns—AI can flag this as a potential threat and trigger additional authentication steps.
- Automated Response Systems: Machine learning models can automate responses to detected threats, significantly reducing response times. For instance, when a threat is identified, the system can automatically adjust access controls or quarantine compromised devices without human intervention, thereby minimizing potential damage.

2. 6G and IoT Security
The anticipated shift to 6G networks will further drive the adoption of ZTA due to the growing number of connected devices within the Internet of Things (IoT) ecosystem. 6G is expected to offer significantly higher speeds, lower latency, and enhanced connectivity, which will facilitate the deployment of millions of new IoT devices.

- Increased Device Proliferation: With the expected rise in IoT devices, the attack surface for cyber threats will expand dramatically. ZTA's principles—such as continuous authentication and least privilege access—will be critical in managing this complexity and ensuring that each device is verified and monitored continuously.
- Enhanced Data Security: As 6G networks will support more critical applications, such as remote healthcare and smart cities, the need for robust security frameworks becomes even more essential. ZTA can provide a comprehensive security approach, ensuring that data transmitted between devices is protected from interception and manipulation .

By leveraging the advancements in connectivity offered by 6G, organizations can implement ZTA more effectively, ensuring that security measures evolve alongside the technology landscape. This proactive approach to security will be essential in safeguarding against emerging threats as the digital world becomes increasingly interconnected.

Conclusion

In today's digital landscape, Zero Trust Architecture (ZTA) has become essential for protecting sensitive data against increasing cyber threats. By prioritizing continuous verification, least privilege access, and comprehensive monitoring, ZTA leverages key components like Identity and Access Management (IAM), Multi-Factor Authentication (MFA), data encryption, and endpoint security. Its applications in cloud environments, IoT networks, and remote work showcase its effectiveness across various contexts. Looking ahead, the integration of AI and machine learning will further strengthen ZTA by enabling adaptive security policies, while the transition to 6G networks will drive the need for robust security measures for IoT devices. Organizations that embrace these principles will be better equipped to navigate the evolving cybersecurity landscape and maintain user trust

14. Faculty Highlights

1. Seminar/ Workshop / Conferences Attended :

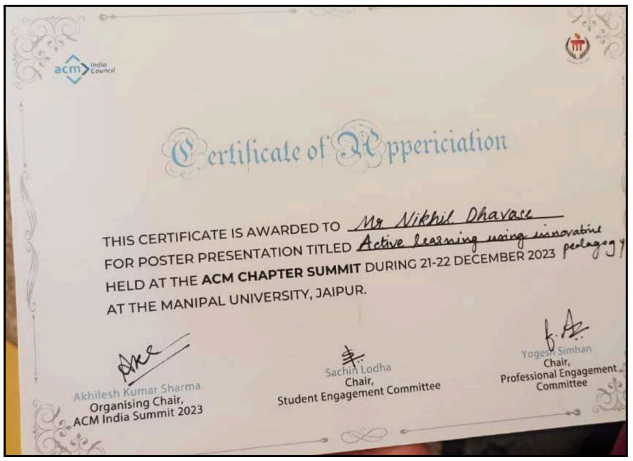
Sr. No.	Topic	Name of Faculty	Particulars
1	Eight Weeks NPTEL-AICTE Faculty Development Programme on "Introduction to Machine Learning"	Dr. Rupali M. Chopade	FDP
2	One Week FDP on ""Applications of Machine learning in Urban Studies"	Dr. Rupali M. Chopade	FDP
3	Three Days FDP on "Research Perspective"	Dr. Rupali M. Chopade	FDP
4	One Week FDP on "Recent Trends in Healthcare"	Dr. Rupali M. Chopade	Workshop
5	one week Short Term Training Program on "Future Trends in 5G & 6G: Challenges, Architecture & Program	Mrs.Shraddha P. Mankar	STTP
6	3 day FDP on research Perspective	Mrs.Shraddha P. Mankar	FDP
7	12 week NPTEL AICTE FDP on "Machine Learning and Deep Learning - Fundamentals"	Mrs.Shraddha P. Mankar	FDP
8	One Week FDP on "Recent Trends in Healthcare"	Mrs.Shraddha P. Mankar	FDP
9	One week FDP on " Recent trends in Data Analytics & Data mining "	Ms. Punam V. Chavan	FDP
10	Two weeks National level FDP on " Devops"	Ms. Punam V. Chavan	FDP
11	12 week NPTEL AICTE FDP on "The Joy of computing using python"	Ms. Punam V. Chavan	FDP
12	Two weeks National level FDP on " Devops"	Dr. Bharati P. Vasgi	FDP
13	One week FDP on "Research Publication, Copyright and Patents in Science and Technology"	Dr. Bharati P. Vasgi	FDP

14	8 week NPTEL AICTE FDP on " Accreditation and Outcome based Learning"	Dr. Bharati P. Vasgi	FDP
15	Two weeks National level FDP on " Devops"	Mr. Yogesh J. Pawar	STTP
16	3 day FDP on research Perspective	Mr. Yogesh J. Pawar	FDP
17	One week FDP on NextGen Computing and Blockchain and AI	Mr. Yogesh J. Pawar	FDP
18	"Innovative Teaching Methodology-A creative Pedagogy",	Dr. S. A. Ubale	FDP
19	Data Science and Business	Dr. S. A. Ubale	FDP
20	"Deep Dive into Data Science & Machine Learning "	Dr. S. A. Ubale	Workshop
21	Empowering educators advancement in computing pedagogogy	Dr. S. A. Ubale	STTP
22	Design & Implementation of Human-Computer Interfaces	Mr. J. R. Chavan	STTP
23	“Future Trends in 5G & 6G: Challenges, Architecture & Applications”	Mr. J. R. Chavan	FDP
24	Data Science and Business	Mr. N. S. Dhavase	FDP
25	Eight Weeks NPTEL-AICTE Faculty Development Programme on "Introduction to Machine Learning"	Mr. N. S. Dhavase	FDP
26	One Week FDP on ""“Applications of Machine learning in Urban Studies”	Mr. N. S. Dhavase	FDP
27	One Week FDP on "Recent Trends in Healthcare"	Mr. N. S. Dhavase	FDP
28	Three Days FDP on "Research Perspective"	Mrs. Preeti Joshi	FDP
29	Foundation of Research and AI Based nature inspired methods	Mrs. Preeti Joshi	FDP

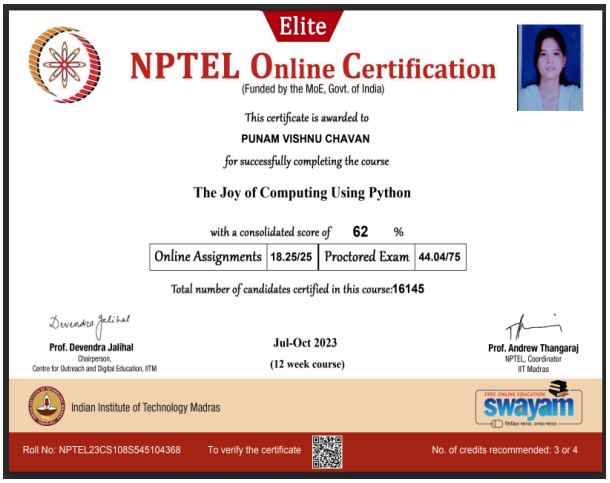
30	GENERATIVE AI USING CHATGPT	Mrs. Preeti Joshi	STTP
31	EDUCATION 4.0 IN HIGHER EDUCATION	Mrs. Preeti Joshi	FDP
32	National Level One week Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	Mrs.Snehal Kale	FDP

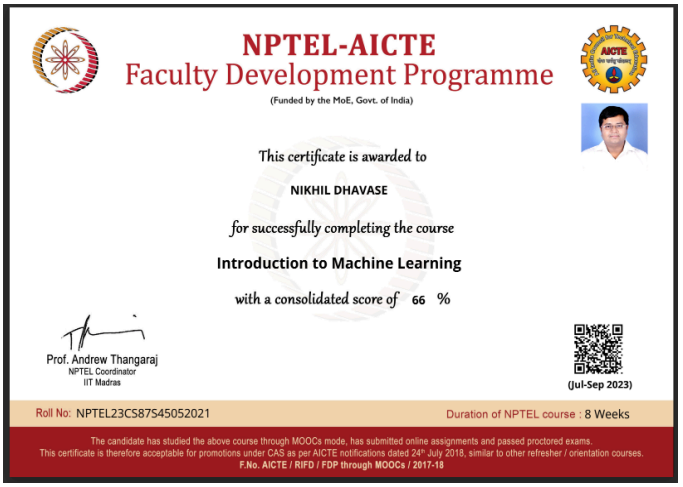
2. Faculty Achievements :

Sr. No.	Name of faculty	Name of award/ recognition	Agency/ Body
1	Dr. R. M. Chopade	Elite Grade in Machine Learning Certification	NPTEL
2	Dr. Bharati P. Vasgi	Elite Grade in Accreditation and Outcome Based Learning	NPTEL
3	Dr. Bharati P. Vasgi	Session chair for International Conference	Elsevier International conference,
4	Dr. Bharati P. Vasgi	Session chair for International Conference	Vishwakarma Institute of Information Technology
5	Dr. Bharati P. Vasgi	Resource Person	Faculty Development Program on DevOps
6	Mr. N. S. Dhavase	Elite Grade in Machine Learning Certification	NPTEL
7	Ms. P. V. Chavan	Elite Grade in Joy of Computing using Python	NPTEL
8	Ms. P. S. Joshi	Letter of Appreciation	Spoken Tutorial IIT Bombay
9	Mr. J. R. Chavan	Certificate of Invigilator	Spoken Tutorial IIT Bombay
10	Mr. N. S. Dhavase	Selected for National Level Poster Presentation	ACM India Council


Certificate of Appericiation
THIS CERTIFICATE IS AWARDED TO Mr Nikhil Dhavase
FOR POSTER PRESENTATION TITLED Active learning using innovative pedagogy
HELD AT THE ACM CHAPTER SUMMIT DURING 21-22 DECEMBER 2023
AT THE MANIPAL UNIVERSITY, JAIPUR.
Akhilesh Kumar Sharma
Organising Chair,
ACM India Summit 2023
Sachin Lodha
Chair,
Student Engagement Committee
Yogesh Simhan
Chair,
Professional Engagement Committee


VISHWACON 2023
6th
INTERNATIONAL CONFERENCE ON
RECENT TRENDS IN ENGINEERING AND TECHNOLOGY
CERTIFICATE OF APPRECIATION
We appreciate the contribution of,
Dr. Bharati P. Vasgi
from Marathwada Mitra Mandal College of Engineering, Pune for serving as an The External Session Chair from Academia of Track No: IV in Vishwacon 2023, 6th International Conference on Recent Trends in Engineering and Technology ,Organized by VIIT, Pune held from 24th to 25th November 2023
Dr. R. A. Mahajan
Dr. R. G. Purandare
Dr. P. N. Mahalle
Dr. V. A. Patil
Dr. V. S. Deshpande


Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)
This certificate is awarded to
PUNAM VISHNU CHAVAN
for successfully completing the course
The Joy of Computing Using Python
with a consolidated score of 62 %
Online Assignments 18.25/25 Proctored Exam 44.04/75
Total number of candidates certified in this course:16145
Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM
Jul-Oct 2023
(12 week course)
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras
Indian Institute of Technology Madras
swayam
Roll No: NPTEL23CS108S545104368
To verify the certificate
No. of credits recommended: 3 or 4


NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)
This certificate is awarded to
NIKHIL DHAVASE
for successfully completing the course
Introduction to Machine Learning
with a consolidated score of 66 %
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras
(Jul-Sep 2023)
Roll No: NPTEL23CS87S45052021
Duration of NPTEL course : 8 Weeks
The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

15. List of faculty members in the Department

- **List of Teaching Staff Members :**

Name of the Staff & Designation		Name of the Staff & Designation	
Dr. Rupali M. Chopade *Associate Professor* *&* *Head of the Department*		**Dr. Bharati P. Vasgi** *Associate Professor*	
Dr. Swapnaja A. Ubale *Associate Professor*		**Mrs. Preeti S. Joshi** *Assistant Professor*	
Ms. Sheetal A. Kakad *Assistant Professor*		**Ms. Rashmi M. Bhattad** *Assistant Professor*	
Mr. Nikhil S. Dhavase *Assistant Professor*		**Mr. Jitendra R. Chavan** *Assistant Professor*	

Ms.Shraddha P. .Mankar *Assistant professor*		**Mr. Yogesh J. Pawar** *Assistant Professor*	
Ms. Punam V. Chavan *Assistant Professor*		**Ms. Pooja R. More** *Assistant Professor*	
Mr. Amol G. Muley *Assistant Professor*		**Ms. Snehal S. Kale** *Assistant Professor*	

- **List of Visiting/Adjunct/Professor of Practice:**

Name of the Staff & Designation		Name of the Staff & Designation	
Mr. Yogesh A. Ghorpade *Professor of Practice ME Mechanical, CEO Evisipro*		**Mr. Amey C. Tambe** *Adjunct Faculty MCA, CEO SoftTech Data Securities*	

Ms. Shruti A. Kulkarni *Visiting Faculty* *ME Computer Networks*			

- **List of Non-Teaching Staff Members :**

Name of the Staff & Designation		Name of the Staff & Designation	
Mrs. Smita Kari *Lab Assistant*		**Mr. Dinkar R. Patil** *Technical Assistant*	

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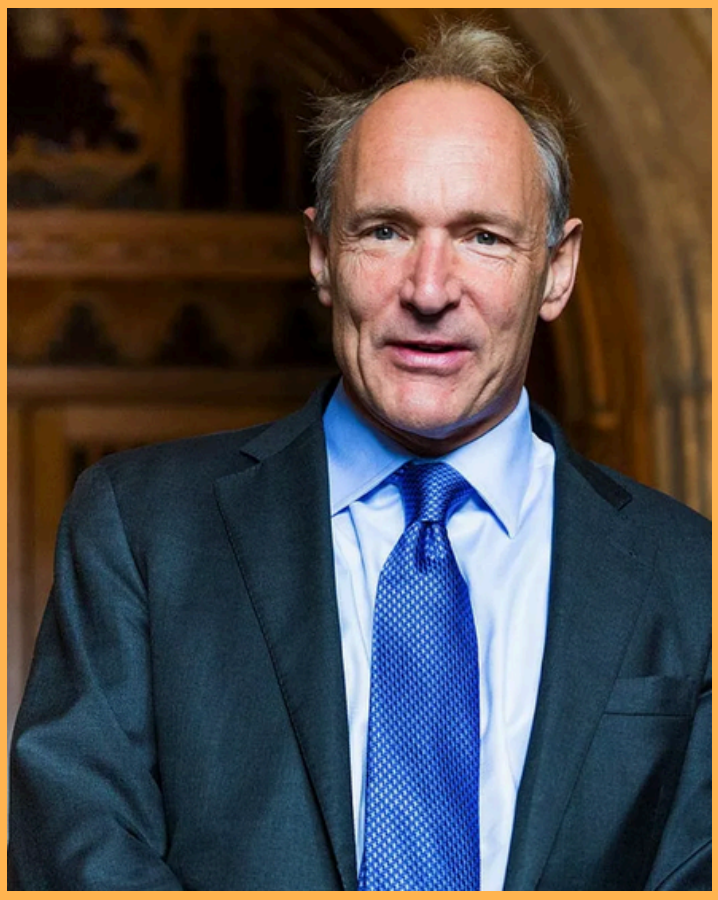
Volume IX| Issue 2 | DEC 2023 – MAY 2024

"The power of the web is in its universality. Access by everyone regardless of disability is an essential aspect "



Tim Berners-Lee

08 June 1955

"founder and president of the Open Data Institute"