

NEWSLETTER

ZENITH 2K23

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DEPARTMENT OF COMPUTER ENGINEERING



HEAD OF DEPARTMENT: DR. KALPANA THAKRE

DESIGNED & EDITED BY:

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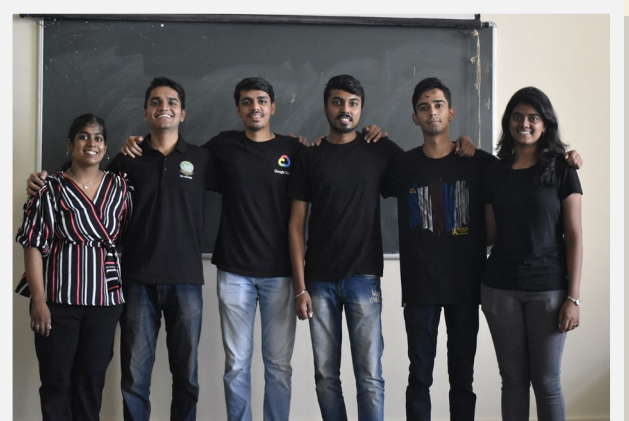


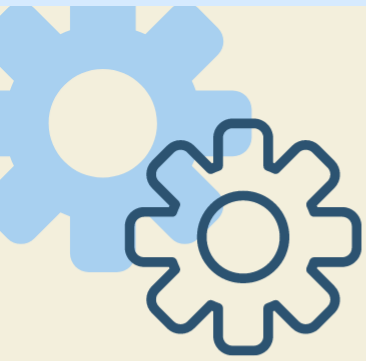
Vision

‘To contribute to welfare of society by empowering students with latest skills, tools and technologies in the field of Computer Engineering through excellence in education and research’

Mission

- To provide an excellent academic environment for continuous improvement in the domain knowledge of Computer Engineering to solve real world problems
- To impart value-based education to students, with innovative and research skills to make them responsible engineering professionals for societal upliftment
- To strengthen links with industries through partnerships and collaborative developmental works





Program Education Objectives

- To develop globally competent graduates with strong fundamental knowledge and analytical capability in latest technological trends.
- To prepare graduates as ethical and committed professionals with a sense of societal and environmental responsibilities.
- To inculcate research attitude in multidisciplinary domains with experiential learning and developing entrepreneurship skills.
- To groom graduates by incorporating investigative approach among them to effectively deal with global challenges.

Program Specific Outcomes

A graduate of the Computer Engineering Program will be able to

- Analyze the problems and design solutions in the areas of Artificial Intelligence & High Performance Computing
- Develop advanced digital solutions using standard software engineering practices



The Department Highlights

- Computer Faculty had given 14* patents publication and Copyrights by improving various emerging domain knowledge of Computer Engineering to solve real world problems for social welfare.
- Department is recognized as a 'GPU Education Centre' by NVIDIA with one Tesla K40 and two TitanX GPU Graphics Cards.
- The Department has Centre of Excellence for High Performance Computing.
- Development of innovative projects under 'Centre of Excellence ' for students development.
- The Department has active team CODE club through which consultancies received from Industries.
- Japanese and German Language courses are offered for Students and Faculties have completed Certified Courses in various domains.
- Department is running 6 different Programming Language courses under Spoken Tutorial IIT Bombay, 732+ students.

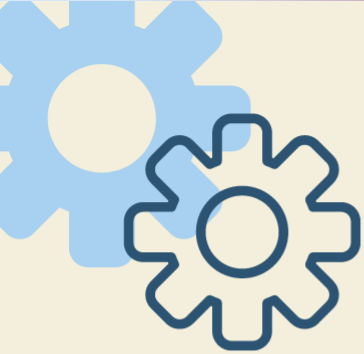




Some of the Department Highlights

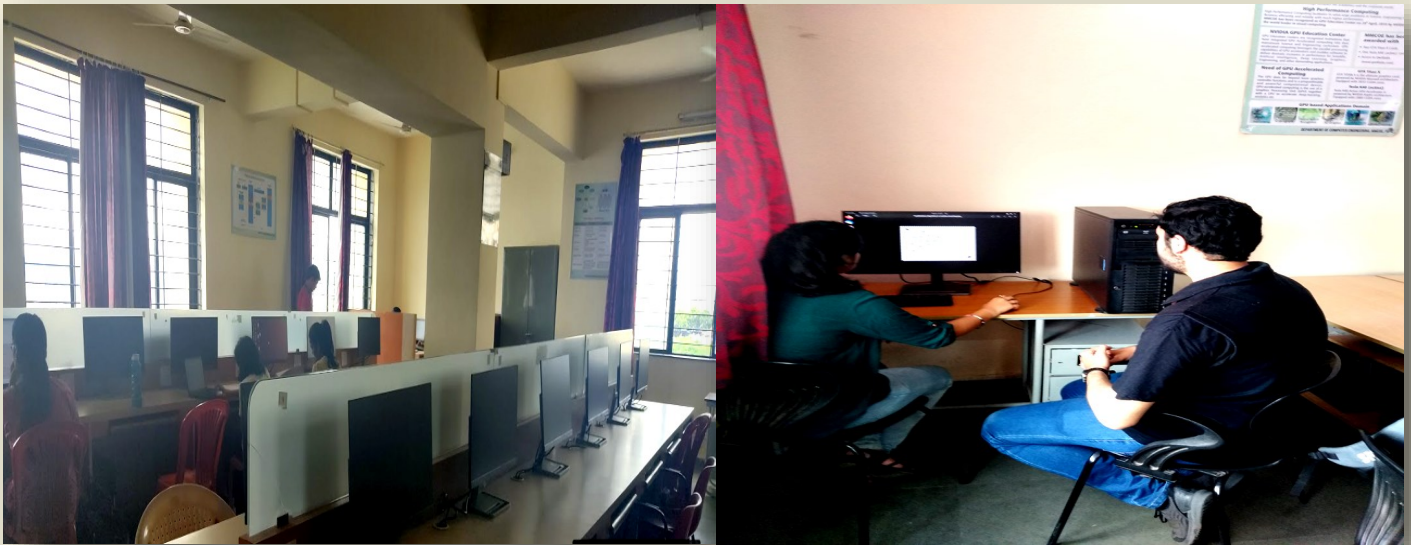
- Well-equipped laboratories with advanced systems, library and modern classrooms equipped with audio-visual aids and with connectivity in college as well as in hostel.
- Guest lectures and guidance by various eminent personalities from industry and academia through MoU's.
- Organized and conducted FDP's, STTP's, Workshops, Seminar, Conferences for faculties as well as for students.
- Product based Learning – One Student One Product.
- Well-equipped laboratories with advanced systems, library and modern classrooms equipped with audio-visual aids and with connectivity in college as well as in hostel.
- Guest lectures and guidance by various eminent personalities from industry and academia through MoU's.
- Organized and conducted FDP's, STTP's, Workshops, Seminar, Conferences for faculties as well as for students.
- Active student bodies like Association of Computer Engineering Students (ACES), Information.
- Systems Audit and Control Association (ISACA), Computer Society of India (CSI), Indian Society for Technical Education (ISTE), Google Developer Students Club (GDSC), Institute of Electrical and Electronics Engineers (IEEE).





Center of Excellence

Department of Computer Engineering has two Center of Excellence (COE) in Data Science & Machine Learning (HPC) domain including Data Science, NVIDIA GPU Education Center, Computer/Image Processing for parallel processing with Supercomputer infrastructure provided in association with NVIDIA in HPC lab.



Students Admitted in 2022-2023

FE	SE	TE	BE	ME	PhD
139	153	156	160	4	10

Staff in 2022-2023

Teaching Staff : 30 Ph.D Pursuing : 09 Ph.D Completed : 11



University Exam Toppers

SE Toppers

Rank	Name of the Student	SGPA
1	KULKARNI SWANAND SUNIL	9.11
2	OMBASE SHRADDHA SAHEBRAO	8.89
3	PRAJAKTA MANOJ HIKARE	8.8
4	MALAWADE ISHAN AJAY	8.8
5	GENGANE SHRUTI SHASHANK	8.77

TE Toppers

Rank	Name of the Student	SGPA
1	BHIDE ATHARVA SUNIL	9.86
2	GADEKAR CHAITANYA SANJAY	9.81
3	ANAYA SANDEEP JOSHI	9.57
4	REMBHOTKAR SIMANTINI UPENDRA	9.43
5	DEORE NIKHIL VILAS	9.36

BE Toppers

Rank	Name of the Student	SGPA
1	PADMAWAR SAYALI VENKATESH	9.7
2	LANDGE DIPTI RAJENDRA	9.55
3	SHENDGE NIKITA KAILAS	9.5
4	JOSHI AISHWARYA PRAFULLA	9.47
5	REDDY TRUPTI DATTATRYA	9.47



Student Achievements

- ◆ **Jay Rawal** (BE Comp) got selected for Grade A post in Indian Army.
- ◆ **Atharva Mahadeokar, Rutvij Joshi, Ruchita Abhang**(BE Comp) declared as Finalist of Convolv(AI/ML) Hackathon organized by IIT Guwahati, IIT Madras, IIT Bombay, IIT Delhi, IIT Roorkee and IIT BHU in collaboration with Cisco on 28th January 2023.
- ◆ **Sahil Sarkate** is recognized as a Microsoft learn student Ambassador 2023.
- ◆ **Shreya Ekande** won silver medal in International Darrel chong student activity award 2022.
- ◆ **Rutvij Joshi**(BE Comp) declared as a finalist of UNESCO INDIA AFRICA HACKATHON 2022 at Gautam Buddha University, Greater Noida, Uttar Pradesh, India.
- ◆ **Mayank Baber** got 2nd rank in Hackathon and MUN, CerebroSpark, pune in 2022.



Student Achievements



- ◆ **Atharva Mahadeokar, Rutvij Joshi (BE Comp), Vaishnavi, Jahagirdhar (E&TC), Kedar Khedkar (IT), Yash Ghan (IT) And Saurabh Lohokare (IT) (Bitt by Bitt)** declared as a winner of Smart India Hackathon 2022 Coimbatore, Tamilnadu with cash prize of 1 LAKH on 25th and 26th Aug 2022.
- ◆ **Siddhi Sheth** got 3rd rank in CHESS (Women) SPPU Pune City Zonal Sports Committee on 04 Nov 2022.
- ◆ **Vedant Joshi** Selected as a Ambassador for IEEE Xtreme 15.0 at IEEE, IEEE Pune Section on 5 March 2021.
- ◆ **Ayush Gavande, Soham Pingat and Chinmay Mahagaonkar** got Third rank in “Open hardware”, Impetus and Concepts 22’, A international level Technical Symposium.



Student Achievements

Name of the Student	Event Details	Participation
Tejas Parchure	"INVICTA 2k23" at PES's Modern College of Engineering	1st Rank
Om Thakkar	"AVINYA 2K23" at MMCOE by IEEE SB MMCOE Flagship Event	1st Rank
Om Thakkar	"INVICTA 2k23" at PES's Modern College of Engineering	1st Rank
Harshal Gharat	"INVICTA 2k23" at PES's Modern College of Engineering	1st Rank
Sarthak Kothari	"INVICTA 2k23" at PES's Modern College of Engineering	1st Rank
Aditi Dekhane	"INVICTA 2k23" at PES's Modern College of Engineering	1st Rank
Suryaprakash pande	"AVINYA 2K23" at MMCOE by IEEE SB MMCOE Flagship Event	1st Rank
Atharva Mahadeokar	PosterNexus Competition at JSPMCOE	2nd Rank
Sufiyan Shaikh	PosterNexus Competition at JSPMCOE	2nd Rank
Atharva Bhise	PosterNexus Competition at JSPMCOE	2nd Rank
Varad Lele	PosterNexus Competition at JSPMCOE	2nd Rank
Suryaprakash pande	CODE DECIPHER Competition	2nd Rank
Soham Mirikar	Coding competition at TSSM's Bhivarabai Sawant College of Engineering	1st rank
Suryaprakash pande	Coding competition at TSSM's Bhivarabai Sawant College of Engineering	2nd Rank
Atharva Mahadeokar	Convolve(AI/ML) Hackathon organized by Cisco and six IITs	Finalist
Rutvij Joshi	Convolve(AI/ML) Hackathon organized by Cisco and six IITs	Finalist
Ruchita Abhang	Convolve(AI/ML) Hackathon organized by Cisco and six IITs	Finalist
Shreya Ekande	International Darrel chong student activity award	Silver Medal
Rutvij Joshi	UNESCO Hackathon,UNESCO India Africa Hackathon	Finalist
Atharv Mahadevkar	Prize for SIH2022, 100000	Winner
Rutvij Joshi	Prize for SIH2022, 100000	Winner
Samarth Bahirgonde	Clone it Up, Dexterity 2022, MMCOE	3rd rank
Omkar Satav	Bug off, Dexterity 2022,MMCOE	3rd rank
Omkar Satav	EDOC CODE, Dexterity 2022,MMCOE	2nd rank
Sakshi Patil	EDOC CODE, Dexterity 2022,MMCOE	3rd rank
Yash Jadhav	Code Marshal, Dexterity 2022,MMCOE	2nd rank
Sakshi Patil	Bug Off, Dexterity 2022,MMCOE	3rd rank
Ishan Gala	Hacksprint v4.0, Dexterity 2022,MMCOE	2nd rank
Aishwarya Joshi	Ideathon Event, MMCOE	1st rank
Prathamesh Kamble	BLENDER:OPEN SOURCE TOOL, MMCOE	3rd rank
Swapnali Morankar	Matrix,MMCOE	2nd rank
Neel Surve	Lawn Tennis, SPPU Pune City Zonal Sports Committee	2nd rank
Siddhi Sheth	CHESS(Women) SPPU Pune City Zonal Sports Committee	3rd rank
Adesh Gadekar	Wheebox National Employability Test, Wheebox	India Wide
Prathamesh Kalkute	Ideastorm, MMCOE	1st rank
Manik Damle	BLENDER:OPEN SOURCE TOOL, MMCOE	1st rank
Neha Joshi	Ideathon Event, MMCOE	3rd rank
Soham Mirikar	Code-IT,MMCOE	2nd rank
Gandhali Jadhav	Ideathon Event, MMCOE	3rd rank
Sejal Mutakekar	Ideathon Event, MMCOE	1st rank
Tanaya Tamhankar	Ideathon Event, MMCOE	2nd rank
Trupti Reddy	Ideathon Event, MMCOE	2nd rank
Rucha Kulkarni	Ideathon Event, MMCOE	2nd rank
Sayali Padmawar	Ideathon Event, MMCOE	2nd rank
Shraddha Jadhav	Ideathon Event, MMCOE	1st rank
Sakshi Tekale	Art and Craft Competition,IEEE WIE	1st place
Apoorv Pandit	Japanese- Language Proficiency	L4 level
Chaitanya Gadekar	Zenith Astronomy	1st rank
Mansi Khillare	"Unboxing Writers" -A Blog Writing Compition,PCET's	2nd rank
sanghavi kirkole	Astrophotography Competition of PLEIADES '22, MMCOE	2nd rank



Certifications

Online certification

Academic Year	Coursera	Udemy	Others	Total
2022-23	05	50	113	168

Eduskill AY 2022-23

Name of Add on /Certificate programs offered	Year of offering	Duration of course	Number of Students completing the course in the year
AI - ML Virtual Internship Program	SE, TE, BE	Sem 1	25
Cyber Security Virtual Internship Program	SE, TE, BE	Sem 1	01
Process Mining Virtual Internship Program	SE, TE, BE	Sem 1	03
AI - ML Virtual Internship Program	SE, TE, BE	Sem 2	33
Cloud Virtual Internship	SE, TE, BE	Sem 2	12
Cyber Security Virtual Internship Program	SE, TE, BE	Sem 2	11
Data Analytics Cyber Security Virtual Internship	SE, TE, BE	Sem 2	20
Networking Virtual Internship Program	SE, TE, BE	Sem 2	05
Total			110

Spoken Tutorial AY 2022-23

Class	Course Name	Students Appeared	Passing Percentage
SEM I			
SE	C	159	96.23%
TE	RDBMS Post-greSQL	139	100%
BE	Python	108	93.52%
SEM II			
SE	Python	148	98.64
TE	PHP & MySQL	146	98.63
BE	Scilab	141	95.03





Internships



Name of the student	Name of the student	Name of the student	Name of the student
Jui Ambikar	Shubham Deshpande	Dubbewar Prathmesh	Rathod Rohit Vitthal
Manas Apte	Vaishnavi Khandade	Gadekar Chaitanya	Sangale Prathamesh
Tejas Balshetwar	Amar Madhekar	Ghusalkar Samiksha	Sapariya Eshita
Aditya Bharatvanshi	Khushal Shimpi	Kamble Sujyot	Sawale Aryan
Kaushal Bhide	Sakshi Tekale	Giram Amit Anilkumar	Shah Kashmira Chetan
Yadnesh Charekar	Shreya Tundalwar	Jadhav Yash Rajendra	Sheth Siddhi Sunil
Vaibhav Chaudhari	Atharva Mahadeokar	Jagdhane Anushka	Shinde Akshay
Atharva Gupte	Neha Joshi	Jagtap Siddhi	Singh Sajan
Mangesh Kashid	Ansingkar Nandini	Jambharunkar Tejas	Takale Vinayak Vasant
Aaditya Komerwar	Apte Chinmay Rishikesh	Kalambkar Shrohit	Thaware Akanksha
Raj Kudale	Bahirgonde Samarth	Kalotra Ritika	Thuse Ojas Parag
Rucha Kulkarni	Bhide Atharva	Ghusalkar Samiksha	Rembhotkar Simantini
Pranav Ladkat	Biradar Manmath	Kasabekar Aakash	Sanika Prashant
Sayali Padmawar	Biyani Dhananjay mukesh	Kulkarni Soham	Kulkarni Vedashri
Rohan Rasane	Chaudhari Laukesh	Lonikar Atharva Upendra	Aditi Suhas Mokashi
Trupti Reddy	Chinchwadkar Siddharth	Lugade Vaibhavi Shivaji	Amruta Gorakh Nevare
Yash Sapre	Chougule Shubham	Marathe Aaok Vijay	Sakshi Swapnil Patil
Tanaya Tamhankar	Dahake Gauri Ujwal	Mirikar Soham Narayan	Sahil Vijay sarkate
Prasad Torane	Dangade Ajay Shivaji	Narute Prajwal	Omkar Satav
Rahul Agrawal	Dasgaonkar Pushkar	Mogal Kiran Bhau	Meghraj Walkikar
Nene Tanaya	Deshmukh Dhananjay	Nalwade Atharv	Ujjwala Thapa
Nimkar Sejal Paresh	Deshmukh Niranjana	Nandapurkar Deven	Mayank Baber
Nimkar Anurag Baliram	Deshpande Ayush	Mogal Kiran Bhau	Bapat Parth Mandar



Internships

Name of the student	Name of the student	Name of the student	Name of the student
Abhijit Anantrao Patil	Apoorv Pandit	Shrirang Mahajan	Anurag Nimkar
Ajay Shivaji Dangade	Swapnil Sambarekar	Yash Mahajan	Sakshi Patharkar
Anurag Baliram Nimkar	Omkar Satav	Swapnali Morankar	Shaikh Pirpasha
Anurag Siddharth Tayde	Aryan Sawale	Sanket Nimbargi	Suvan Shukla
Prathamesh Rajesh Bachhewar	Atharva Yanna	Anika Oak	Shivprasad Bodke
Gaurav Balaso Jagdale	Yogesh Kanwade	Tanmaya Pandit	Suraj Chamate
Gayatri Jayant Kassa	Nandini Ansingkar	Sanskriti Pawar	Nitin Choudhary
Manas Shailesh Bidkar	Shubham Beloshe	Deepti Pujari	Nikita Patil
Neha Sanjay Marathe	Ninad Bhave	Simantini R.	Aakanksha Patil
Nikhil Vilas Deore	Gaurav Bhosale	Eshita Sapariya	Jui Ambikar
Prathamesh Umakant Dubbewar	Shraddha Deshmukh	Sahil Sarkate	Mayank Baber
Preshita Vinit Bhortake	Akshay Dongare	Atharva Sayankar	Vivek Barhate
Sahil Nana Chaudhari	Anish Harsule	Siddhi Sheth	Preshita Bhortake
Sanket Ashok Nimbargi	Prajakta Hikare	Yuvraj Singh	Manas Bidkar
Sarang Mukund Ahirrao	Yashvardhan Jadhav	Prajwal Thakare	Mayuresh Chougule
Shivprasad Shankar Bodke	Yash Jadhav	Meghraj Walkikar	Shantanu Desai
Siddhi Chintaman Jagtap	Rutuja Janrao	Pratik Chavan	Rohan Gore
Suraj Purushottam Chamate	Keyur Joshi	Ajay Dangade	Vedant Inamdar
Suvan Satish Shukla	Kalyani Kharat	Prathamesh D.	Gaurav Jagdale
Swapnil Jyotiba Sambarekar	Suyash Kirdakar	Vedant Dumbhare	Siddhi Jagtap
Ayush Bhalerao	Vedashri Kulkarni	Rachna Ganjoo	Aditi Khot
Samiksha Ghusalkar	Swarali Lawate	Aditya Ghate	Soham Kulkarni
Anaya Joshi	Atharva Lonikar	Prajwal Narute	Neha Marathe



Internships

Name of the student	Name of the student	Name of the student	Name of the student
Jagdale Gaurav	Sakshi Pravin Patharkar	Pandit Apoorv kiran	Nande Yash
Jagtap Om Jayesh	Karan Sandip Kakade	Patil Nikita Anil	Nimbargi Sanket
Patwe Jaydatta Shivanand	Vishwas Bibhishan Kawade	Patil Parth Nitin	Nimbore Sakshi
Joshi Anaya Sandeep	Chamate Suraj	Pawar Aditya Pravin	Pandit Tanmaya
Kale Chinmay Sanjay	Kalyani Namdev Kharat	Pokharkar Akash Subhash	Patil Arya Ravindra
Kamatkar Nakul Avinash	Vishnu Rajkumar Parasewar	Raskar Girish Manoj	Patil Ruchita Dipak
Kamble Chinmay Mukund	Sakshi Pravin Patharkar	Bhagwat Gayatri Narendra	Patil Abhijit
Kanwade Yogesh Amar	Atharva Chaphalkar	Bhope Arushi Gajanan	Patil Ayush Sudhir
Kapse Kabir Pramod	Sikilkar Ayasha Asalam	Bidkar Manas shailesh	Pawar Tejaswini
Kasabekar Kshitij Anand	Wagh Jyoti Baban	Bodke Shivprasad Shankar	Phatak Chaitrali
Khot Aditi Abhijit	Gaurav Bhosale	Kalyani Namdev Kharat	Sahasrabuddhe Prathamesh
Kirkole Sanghavi Sandeep	Bhuvanesh Rajekadam	Chaudhari Sahil Nana	Sambarekar Swapnil
Kotkar Pratham Pravin	Irfan Khajakhan Pathan	Choudhary Nitin Shyamlal	Sayankar Atharva
Kulkarni Atharva Bhaskar	Mayank Baber	Dagadkhair Yash Kisan	Shaikh Simran
Mahajan Shrirang	Nitin Shyamlal Choudhary	Degloorkar Chirantan	Shinde Vaishanvi
Mhetre Shreya Sanjay	Pratik Kishor Chavan	Deore Nikhil Vilas	Shinde Vaishanvi
Mahajan Khushi Chetan	Shantanu Shivaji Desai	Dharia Resham Shailesh	Shivade Aditya
Mandke Advait Mandar	Tejaswini Rahul Pawar	Ganjoo Rachna	Tembre Manas
Marathe Neha Sanjay	Tanaya Bhalchandra Nene	Inamdar Vedant	Thanekar Shardul
Mahajan Shrirang	Vaishanvi Prakash Shinde	Vinayak Vasant Takale	Ubale Aditya
Misal Siddhant C.	Vedant Shailendra Inamdar	Akshay Ashutosh Dongare	Parmanand Shivgiri
Aasawari Mohite	Vaishnavi Honbute	Shreya Sanjay Mhetre	Srushti Kashid
Nagrале Samyak Dhanpal	Yashraj Nitin Jadhav	Nikita Anil Patil	Atharv Nalwade



EduSkills



Sports Achievements

- ◆ **Amey Datar** from SE COMP got 14th rank of 144 participants with a score of 6.5/9 in the inter college chess tournament 22-23.
- ◆ Our students **Neel Surve** , **Ved Satdeve**(BE Comp) - Lawn Tennis Men team secured second place in Pune City Zone Intercollegiate Lawn Tennis competition 22-23.
- ◆ **Sanskruti Pawar** won SPPU Basketball Women team secured first place in “ASHWAMED” State Level Inter University Sports Competition 22-23



Sports Achievements

Student Name	Event	Rank
Sanskruti Pawar	West Zone Inter University Basketball Competitions held at Shree Vaishnav University, Indore M.P from 8th November 2022 to 11th November 2022	Participated
Sanskruti Pawar	Participated in Ashwamedh Maharashtra state Agriculture and Non- Agriculture games held at Dr. Babasaheb Ambedkar Marathwada University, Auragnabad from 3rd December 2022 to 7th December 2022.	Participated
Sanskruti Pawar	Savitribai Phule Pune University Inter Zonal Basketball Women Competition held at Chandrashekhar Agashe College of Physical Education, Gultekdi,Pune on 20th October and 21st October 2022.	Participated
Siddhi Sheth	Secured Third place in Pune City Zone Intercollegiate Chess Women competition held at MMCOE from 12th to 14th October 2022.	Third
Neel Surve Ved Satdeve	Secured second place in team event in Pune City Zone Intercollegiate Lawn Tennis competition held at Fergusson College, on 3rd November 2022	Second (Team)
Atharva Lele Parth Patil	Secured second place in team event in Pune City Zone Intercollegiate Roll Ball competition held Pune District Roll Ball Stadium, Baner on 3rd January 2023	Second (Team)
Om Jagtap	Secured second in 4 x 50 meter relay event in 5th State Level Intercollegiate VISHWANATH Sports Meet organized by MIT ADT from 28 January to 1st February 2023	Second (Team)
Prajakta Hikare	Secured second place in ZEST 2023 Volleyball (Women) competition organized by College of Engineering, Pune from 11th February 2023 to 13th February 2023.	Second (Team)





Workshops Organized by Department for students

Sr. No.	Title of the Program	Name of Coordinator	Name of Industry	Resource Person	Targeted Participants	Number of Beneficiaries	Date
1	Workshop on "Research Perspectives"	Dr. Girija Chid-darwar	1.Atomic Loops 2.Vintech Electronic sys-	1.Dr.K. S. Thakre 2.Mr.Vinay Phadnis	BE I and II	80	23/7/2022
2	Seminar on "ARK Solutions & FLOA"	MS.H.R.Karande	ARK Solutions.FLOA Pune	1.Mr.Rajesh Khare 2.Mr.Shailesh Lele	TE I & TE II	45	23/09/2022
3	Workshop on "Blender:Open Source Tool in association"	Ms.Sankirti Shiravale/ms.Vandana Rupnar	IEI Pune,Animation wala.com Pune,Accenture	Mr.Vipin m-nnot,Mr.rajesh Khele, Mr.Prasad	SE TE	37	24/09/2022
4	Seminar on "Introduction to Blockchain"	Ms. Anita Shinde Ms.Asma Shaikh	Snapper FutureTech Pvt Ltd, Pune	Mr. Shihash Kunju	SE I and II	85	30/11/2022
SEM II							
1	FDP on "Deep Learning and its Applications"	Ms.Asma Shaikh Ms. Shubhada Mone	1. Google 2. Microsoft, Hyderabad 3. Bharat Soft Solutions 4. MMCOE, Pune 5. CodeSpyder Technologies Pvt. Ltd	Dr. Bhushan Garware Ms. Swati Jaiswal Yogesh Murumkar Mrs. Asma Shaikh Mr.Vivek Nikam	Faculties from various colleges at National Level	244	30/1/2023-4/2/2023





Sponsored Projects

Names of group members	Title of Project	Domain Name	Sponsored Company
Atharva Mahadeokar, Atharva Bhise, Sufiyan Shaikh, Varad Lele	Detect NSFW content using ensemble learning	Machine learning/Deep learning, Cloud computing, Web development	Skymac Technologies
Aaryan Dharmadhikari, Ajinkya Shinde, Tanvi Shiyekar, Isha Phadke.	Business Intelligence System for Hospitals	Cloud, Web App Development, Mobile Application Development, AI/ML, Blockchain, Quantum Computing	Scorg Technologies Pvt. Ltd.
Trupti Landge, Shubhangi Kumbhar, Dipti Landge, Vedika Torawane	Detection and Prediction of Autism Disorder in Children using machine language	Artificial Intelligence	Whiz Key(OPC) Pvt Ltd IoT Products and Solutions
Manas Apte, Atharva Gupte, Atharva Gupte, Kaushal Bhide, Rohan Rasane	TOR– Data Analysis Module	Data Analytics	Kloudq Technologies Limited
Varad Karajkhede, Aneesh Khole, Atharva Thakar, Shreyas Shende, Atharva Thakar	Intelligent Mapping of the Indoor environments using machine learning	Machine Learning	DRDO, Ministry of Defence India
Sayali Padmawar, Rucha Kulkarni, Trupti Reddy, Tanaya Tamhankar	Universal Quantum Computing Framework	Quantum Computing	L & T Infotech
Raj Kudale, Pranav Ladkat, Tejas Balshetwar, Shubham Phadtare	IOT based social safety Application	IoT, Android	Whiz Key(OPC) Pvt Ltd
Yash Chavan, Shreya Ekande, Vaishnavi Gurav	Intelligent scanned invoice processing, entity extraction and data analysis	Machine Learning and Data Analytics	Emergeflew Technologies
Priyanka More, Devashish Kukade, Adesh Gadekar, Aaditya Komerwar	IoT based Health Care System	IoT	Whiz Key(OPC) Pvt Ltd
Sonal Devendra Mahajan, Rutuja Gurav, Pranjal Satpute, Anagha Awale	Cardless Transaction	Data Science and IoT	Whiz Key(OPC) Pvt Ltd
Jinendra Bafna, Yash Nikam, Prashant Pote, Shreyas Lolkhande	Pharmasort	Data Science	Girdhrlal Agency
Mihir Soman, Indraneel Kukade, Tanish Tombre	Smart Vehicle routing with mapping function	Computer Network	Simulytics Pvt Ltd
Ishan Gala, Pranav Kulkarni, Jui Ambikar, Aditya Paithane	Data analytics tool for advertisement cost estimation	Data Analytics and Machine Learning	Skymac Technologies
Samarth Jadhav, Atharva Lele, Atharva Menavlikar, Sanyog Ghadge	Protein crystallography	Computer Network	BARC

Placements

Name of Student	Company Name	Name of Student	Company Name
Atharv Mahadeokar	Rakuten	Sakshi Tekale	Tech Mahindra
Adesh Gadekar	CodeBin	Niraj Gayaki	Tech Mahindra
Shreyas Kulkarni	CodeBin	Vaibhav Chaudhari	Crave Infotech
Aishwarya Joshi	Hexaware	Sakshi Tekale	Crave Infotech
Yash Nikam	Hexaware	Niraj Gayaki	Crave Infotech
Priyanka More	Hexaware	Varad Chinawalkar	Hike edu
Omkar Vilas Jagtap	Pentagon Space	Aditi Borade	Bluebinaries
Shivkanya Tukaram doiphode	Pentagon Space	Raj Kudale	TCS Ninja
Aishwarya Joshi	Pentagon Space	Shubhangi Kedar	TCS Ninja
Rohit Jitendra Patil	Pentagon Space	Supreet Lodam	cbigfish
Shubhangi Kumbhar	Iauro	Nilaj Kothikar	BUZZFED
Tejas Balshetwar	Hexaview	Saee kulkarni	Aress Software
Yash Sapre	TCS Digital	Khandade Vaishnavi Sanjay	Ness Digital
Atharva Mahadeokar	TCS Digital	Shreya Tundalwar	Ness Digital
Yash Chavan	TCS Digital	Shubham Phadtare	Tudip
Aditya Komerwar	TCS Digital	Mrunal Avhad	Siemens IT
Neha Joshi	TCS Digital	Priyanka More	Persistent
Trupti Reddy	TCS Ninja	Pranalee Walunj	Capgemini
Sandesh Wakade	TCS Ninja	Chetan Khemnar	Capgemini
Vaishnavi Gurav	TCS Ninja	Yash Nikam	Capgemini
Varad Karajkhede	TCS Digital	Varad Chinawalkar	Capgemini
Shreya Ekande	TCS Ninja	Trupti Landge	Capgemini
Omkar Jagtap	TCS Ninja	Shubhangi Kumbhar	Capgemini
Vedant Kharkar	TCS Ninja	Devashish Kukade	Capgemini
Rohit Patil	TCS Ninja	Saee kulkarni	Capgemini
Shreya Diwan	TCS Ninja	Samruddhi Sonawane	Capgemini
Atharva Hukkeri	TCS Ninja	Praveen Rathod	Capgemini
Prashant Pote	TCS Ninja	shreya Diwan	Capgemini
Ajay Dhobale	Deltax	sayali Padmavar	Capgemini
Sayali Padmavar	Persistent	Yash Chavan	Capgemini
Vedant Kharkar	Persistent	Rutvij Joshi	Deloitte
Venkatesh Ratnaparakhi	Persistent	Shreyas Lokhande	Cognitus
Yash Chavan	Persistent	Jay Rawal	Cognitus
Sakshi Palve	Persistent	Ramdas Patil	excelR
Aditya Kumar	Persistent	Pranoti Bawaskar	excelR
Shradha Jadhav	Reliance Jio	Parth Kulkarni	Harbinger
Ruchita Abhang	Reliance Jio	Shreyas Arali	Harbinger
Kaushal Bhide	Reliance Jio	Pranoti Bawaskar	Codeyoung
Neel Surve	Reliance Jio	Aishwarya Joshi	Cosmedia.co.jp
Isha Phadake	Reliance Jio	Yadnesh Charekar	mazars advisory
Yash yempure	Reliance Jio	Kushal Shimpi	Ness Digital
Dipti Landage	Reliance Jio	Bhakti Nagpure	Axis bank
Shubhangi Kumbhar	Bitwise	Sayali Padmavar	Mindtree
Sayali Deodikar	Bitwise	Jinendra Bafna	NTS
Praveen Rathod	Bitwise	Prashant Pote	Volkswagan



Faculty Achievements

Name of faculty	Awards/Recognition Received by Faculty	Recognition Received from reputed professional bodies
Dr. Kalpana Thakre	Jury Panel Member	Advances in Computer Science and Engineering (NCACSE)-
Dr. Kalpana Thakre	Expert Session on Advance database	PICT Pune
Dr. Kalpana Thakre	Reviewer ICDC 2022	ICDC2022, Ramdev baba col. engg, Nagpur
Dr. Kalpana Thakre	Reviewer, Session Chair IEEE Punecon conference	I2IT ,Pune
Dr. Kalpana Thakre	Panel Member PhD Interview	MMCOE, SKNCOE
Dr. Kalpana Thakre	PhD Guide/Supervisor at MMCOE and SKN COE	SPPU,Pune
Dr Kalpana Thakre	Examiner PhD progress Exam	MIT,Kothrud
Dr Kalpana Thakre	Subject chairman-PG seminarII	SPPU,Pune
Dr. Kalpana Thakre	DAAC Member,	Yashoda Tecgnical Campus
Dr Kalpana Thakre & Girija Chiddarwar	Grant Received 15000/-	Newton Software Pune
Dr. S.S. Shirvale, Ms. V. S. Rupnar	Grant Received 7000/-	Institute of Engineers(IEI), Pune
Dr. A. A. Agarkar	Reviewer IEEE Punecon conference	I2IT ,Pune
Dr. A. A. Agarkar	Reviewer	International Conference (I4Tech) I4Tech2022
Dr. A. A. Agarkar	Reviewer	IEEE International Conference on Blockchain and Distributed Sys
Dr. A. A. Agarkar	Reviewer	Journal of Computer Networks and Communications
Ms. Shailaja B. Jadhav	Best Paper Award	NIT, Puducherry, Intl. conf.
Geetha Chillarge,Vandana Rupnar,Sarita Sapkal	Python Library-Online Kindle Copy	Online
Sarita D.Sapkal,Geetha Chillarge	Emergency ambient noice reactive VR system	202321009558/Indian
Dr. Kalpana Thakre, Dr. Girija Chiddarwar	Content Based video reterieval in compressed domain	Namaya Press.com
Dr. Asma Shaikh	Completed PhD in Design and Develop-	Amity University Maharashtra

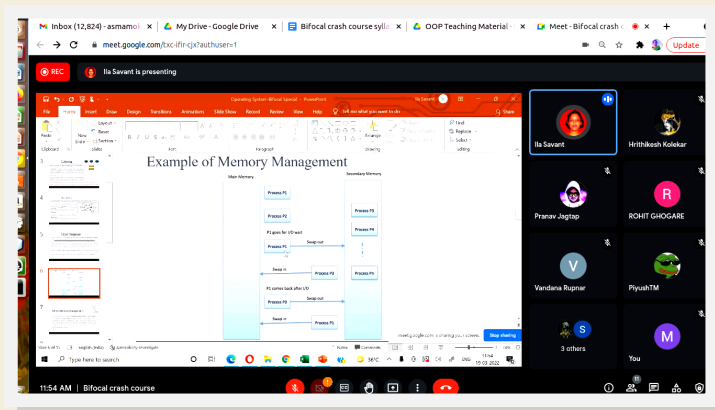
Faculty Achievements

Name of faculty	Awards/Recognition Received by Faculty	Recognition Received from reputed professional bodies and agencies
Dr. G. G. Chiddarwar	Expert Speaker ISTE sponsored One-week Online FDP "Application of ma-	Yashada Technical Campus,Satara
Ms. H. R. Karande	Expert Speaker ISTE sponsored One-week Online FDP	Yashada Technical Campus,Satara
Dr.Swati Shekapure	REVIEWER	IEEE, ICCUBEA-2022
Dr.Swati Shekapure	Ph.D Guide MMCOE(Received Recognition as Ph.D guide)	SPPU,Pune
Ms. Vandana Rupnar	Expert for Interview Panel	MM polytechnic
Dr. S. S. Shiravale	Internatinal Journal Reviewer	The Imaging Science Journal, Taylor and Francis
Shubhada Mone	received fund of Rs. 15,594/- from IEEE Pune Section	IEEE Pune Section
Shubhada Mone	Student Branch Counselor of the Year 2022 Award	IEEE Pune Section
Shubbhada Mone	Second Runner-up for outstanding performance in Inter-College Contest for Mem-	Membership Development and Industry Relations Committees under Pune
Shubhada Mone	Exemplary Performer in Inter-College Contest	Membership Development and Industry Relations Com
Asma Shaikh	Certificate of Coordination	IIIRS, ISRO Deharadun
Asma Shaikh	REVIEWER	Advances in Science, Technology and Engineering Systems Journal
Dr. Girija Chiddarwar	Certificate of Winner	Smart India Hackathon 2022
Dr. Girija Chiddarwar	Expectional Contribution as Mentor at Hindusthan Institute of Technology, Co-	Smart India Hackathon 2022
Dr. Girija Chiddarwar	Expectional Contribution as Mentor at Shri Ramdeobaba College of Engg, Nag-	Smart India Hackathon 2022
Dr. Girija Chiddarwar	Chairman, CSDF	SPPU, Pune
Dr. Girija Chiddarwar	Expert for FOP of image processing, SPPU	PICT, Pune
Dr. Girija Chiddarwar	Reviewer for 2nd International Conference ICEI-2022 at SCTR's PICT, Pune	PICT, Pune
Dr. A. A. Agarkar	Reviewer	Computer Journal Manuscript
Ms.Sarita D.Sapkal	Resource person for one day workshop on Recent trends in AR & VR	PVG COET



Social Activity

- **Activities under Aadhar Club**
 - National Level Online MHT-CET Mock Test 2022-23
 - Ujwal Aadhar- Social Visit to Aniket Seva Bhavi Sanstha
 - Bifocal for 12th Science students
- **Grocery Donation**
- **Financial Help to Department peon.**
- **NSS winter camp at Shivare village Tal-Bhor, Dist-Pune.**





MOU Under Faculty Industry Liasoning

Sr No	Organization	Purpose and Activities
1	Snapper Future Tech Pvt. Ltd.	Internships, sponsorships
2	Indio-Networks Pvt. Ltd.	Sponsorships
3	Newton Software Pvt. Ltd.	Internships
4	Larsen and Tubro Pvt. Ltd.	Sponsored projects and internships
5	ARK Solutions	internships, sponsorships
6	FLOA	Sponsored projects and internships
7	KITs Tech Learning Centre	Internships and sponsorships
8	India Forensic Consultancy Ser-	Internships, sponsorships
9	Through River Edu Group	sponsorships
10	Brilliance Infotech	Internships, sponsorships
11	Interns Lab	Internships, sponsorship
12	Atomic Loops	Internships
13	Extemity India	Expert lectures
14	Animationwala.com	Sponsorship, event activities
15	AICTE-EduSkills	Certification, Internships





Intellectual Property Rights

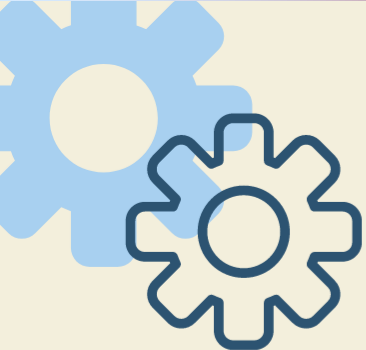
Consultancy

Sr. No.	Project Title	Funding Agency	Amount	Duration
1	Automation of Multi spindle Drilling Machine	Bharat Forge Ltd	10,000	45 days
2	Inview App Clone	Newton Software Pvt. Ltd.	15,000	50 days

Patents

Sr. No.	Name of staff	Title of patent	Status (Published/Granted)
1	Dr. Kalpana Thakare Dr G G Chiddarwar	Intelligent content based video retrieval system using deep learning	Published
2	Dr. Swati Shekapure	IOT Based Solar Powered Agriculture Robot	Published
3	Mrs. V.S. Rupnar	Biosensor Based Device to Detect Lung Cancer	Published
4	Sarita D.Sapkal,Geetha Chillarge	Emergency ambient noise reactive VR system	Published





Industry Visits

Industry Visit Organized

Sr. No	Academic Year	Industry Name	Name of the Faculties	Date of Visit	Number of Participants
1	2022-23	1.National Remote Sensing Centre, ISRO 2.Indian National Centre for Ocean Information Services(INCOIS)	Dr.K.Thakre Dr.Smita Chaoudhari Ms. Asma Shaikh Mr.R.Darange	28/02/2023 to 03/03/2023	43 Students
2.		Indian Institute of Science Education and Research(IISER)	Ms.Asma Shaikh Ms.Anita Shinde	09/12/2022	47 Students
3.		Newton Software Private Ltd	Dr.Girija Chiddarwar Dr. Kalpana Thakare	25/11/2022	32 Students
4.	2022-23	IIT Bombay	Dr. Kalpana Thakre, Dr. Aarati Agarkar Dr. Smita Chaudhari Dr. Girija Chiddarwar Mrs. Asma Shaikh	21/10/2022	-





Seminar/ Workshop/FDP Organized

Seminar/Workshop/ FDP organized

Title of the Program	Name of Industry	Resource Person	Duration
Sem-I			
Workshop on “Research Perspectives”	1. Atomic Loops 2. Vintech Electronic systems 3. IOTronix Solutions	1. Dr. K. S. Thakre 2. Mr. Vinay Phadnis 3. Mr. Jay Dhamale 4. Hariharan Venugopal 5. Mr. Rahul Devangare	1 day
Seminar on “Introduction to Blockchain”	Snapper FutureTech Pvt Ltd, Pune	Mr. Shihab Kunju	1 hour
Sem-II			
FDP on “Deep Learning and its Applications”	1. Google 2. Microsoft, Hyderabad 3. Bharat Soft Solutions 4. MMCOE, Pune 5. CodeSpyder Technologies Pvt.	Dr. Bhushan Garware Ms. Swati Jaiswal Yogesh Murumkar	1 Week
Seminar on “ARK Solutions & FLOA”	ARK Solutions. FLOA Pune	1. Mr. Rajesh Khare 2. Mr. Shailesh Lele	1 Hour





Student Chapters

1.Computer Society of India :CSI student chapter was established in the year 2015 by the Department of Computer Engineering. CSI is a fantastic platform for students to explore technical stuff and learn behavioral skills like team spirit, presentation, and event management.

2.Indian Society for Technical Education : ISTE Student Chapter is a group of engineering students established in 2015 which is dedicated towards creating an educational platform for students where they can learn from one of the best in the field through expert sessions, webinars, STTPs , hands on sessions and various interactive activities curated for them.

3.Association of Computer Engineering: ACES is a student association established in 2012 with the objective to explore the skill sets of students. It emphasizes on enrichment of technical and non-technical skills through different events, webinars, and competitions.

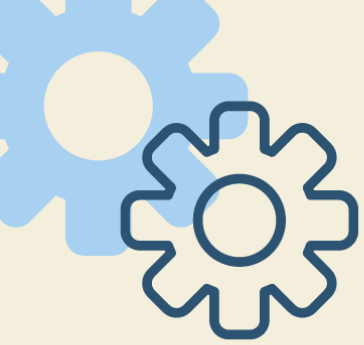
4.Institute of Electrical and Electronics Engineers : The IEEE Student Branch is inaugurated on 23rd May 2020. It organizes various events such as Webinar, Workshops, FDPs, Project Competitions, etc. Students from various colleges enthusiastically participate in events

5.Google Developer Students Clubs : GDSC are community groups for college and university students interested in Google developer technologies. GDSC MMCOE club is established in 2021.

6.Code of Developers and Engineers : The Computer Engineering Department has launched a technical club in 2022 which is focused on enhancing students; technical knowledge. The club offers opportunities for students to work on consultancy projects, participate in competitions, and collaborate in teams across various domains in line with industry demands.

Number of events conducted under student chapters

Sr. No.	Professional Body	Established in	Faculty Incharge	No. of Event Organized in 2022-23
1	CSI	2015	Dr. A. A. Shaikh	5
2	ISTE	2015	Dr. S. S. Shiravale	5
3	ACES	2012	Ms. V. S. Rupnar	4
4	IEEE	2020	Ms. S. P. Mone	5
5	GDSC	2021	Dr. A. A. Agarkar	10
6	CODE	2022	Dr. G. G. Chiddarwar	11



Glimpses Student Chapters



OOP CODE EXPLANATION

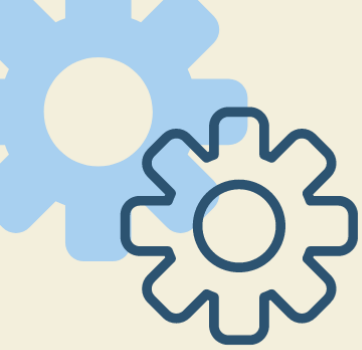
The code is completely written in c++. Once the logo is presented, the user is provided with set of operations viz.

- Create Account
- Display Information
- Deposit Money
- Withdraw Money

GPS Map Camera

Pune, Maharashtra, India
FRR5+5PQ, Hingane Home Colony, Karve Nagar, Pune,
Maharashtra 411052, India
Lat 18.490499°
Long 73.809288°
10/12/22 12:50 PM GMT +05:30

Google



Unlocking Possibilities: The Impact of IoT in Everyday Life

In today's fast-paced, interconnected world, technology continues to evolve and reshape the way we live and interact with our surroundings. One such transformative force is the Internet of Things (IoT), a network of interconnected devices and objects that communicate and share data with each other. In this blog post, we will delve into the profound impact of IoT in our daily routines and explore the endless possibilities it brings.

Smart Homes: A New Level of Convenience

IoT has paved the way for smart homes, where everyday devices are seamlessly connected and can be controlled remotely. Imagine arriving home on a scorching summer day to a pleasantly cool living room because your air conditioner was activated while you were still on your way.

Enhancing Health and Wellness with IoT

IoT has also made significant inroads into the healthcare sector, transforming the way we approach wellness and patient care. Wearable devices, like fitness trackers and smartwatches, collect data on our physical activities, heart rate, and sleep patterns, empowering us to monitor our health proactively.

Retail Redefined: IoT in the Shopping Experience

IoT has disrupted the retail industry, revolutionizing the way we shop and engage with brands. Smart shelves and beacons equipped with IoT technology provide personalized product recommendations and offers to shoppers based on their preferences and buying history. Interactive mirrors in fitting rooms use IoT to create virtual shopping experiences, allowing customers to try on different outfits without physically changing clothes.

Conclusion

The Internet of Things is not merely a buzzword or a futuristic concept; it is already embedded in our everyday lives, unlocking a multitude of possibilities and transforming the way we live, work, and interact with the world around us.

Embrace the possibilities of IoT and be prepared to witness a world where our everyday experiences are seamlessly integrated, personalized, and enhanced by the power of connectivity.

Have you experienced the impact of IoT in your daily life? Are there any specific IoT innovations that have caught your attention? We'd love to hear your thoughts and experiences! Share your insights in the comments below and let's engage in a conversation about how IoT is shaping our present and future.

Additionally, if you found this blog post informative and thought-provoking, don't forget to share it with your friends, family, and social networks. Help spread the word about the incredible possibilities unlocked by IoT and inspire others to embrace this transformative technology.

Together, let's unlock the potential of IoT and embrace a future where connectivity and innovation seamlessly intertwine to create a better, more efficient, and connected world.

-By Maitri Dulla





AI Chronicles: From Algorithms to Automation

Briefly introduce the concept of AI and its significance in today's world. Over the years, AI has evolved into a transformative force, revolutionizing industries, and shaping the way we live and work. In this blog, we will embark on a captivating adventure through the various stages of AI development, highlighting key milestones and discussing the impact of AI on automation. Set the context for exploring the journey of AI from algorithms to automation.

Fundamentals of AI Algorithms

Explain the foundational concepts of AI algorithms, such as machine learning, deep learning, and neural networks. Provide an overview of popular algorithms like decision trees, support vector machines, and convolutional neural networks. Discuss their strengths, weaknesses, and typical use cases. Explore recent advancements in AI algorithms, such as generative adversarial networks (GANs), reinforcement learning, and transformers.

From Algorithms to Automation: AI in Action

Showcase real-world applications of AI that demonstrate the progression from algorithms to automation. Discuss examples like autonomous vehicles, robotic process automation, and smart home systems. Explain how AI algorithms enable these systems to learn, adapt, and make autonomous decisions.

Challenges and Limitations

Address the challenges and limitations faced by AI algorithms in achieving full automation. Discuss issues related to data quality, bias, ethical considerations, and interpretability. Highlight ongoing research and efforts to mitigate these challenges.

The Future of AI Automation

Provide insights into the future of AI automation and its potential impact on various industries. Discuss emerging trends like explainable AI, federated learning, and edge computing. Predict the role of AI algorithms in driving further automation and transforming society.

Conclusion

Recap the journey from algorithms to automation in the field of AI. Emphasize the importance of ongoing research, innovation, and responsible deployment of AI technologies. Encourage readers to stay informed and engaged in the evolving world of AI.

Stay Informed: Keep up with the latest developments in AI by following reputable sources, attending conferences, and participating in online communities.

Learn and Apply: Dive deeper into AI algorithms and explore their practical applications. Take online courses or tutorials to gain hands-on experience with machine learning frameworks and neural network architectures. Join AI communities, forums, or local meetups to connect with like-minded individuals.

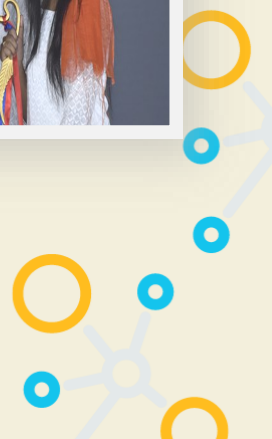
Explore Future Frontiers: Keep an eye on emerging trends, such as explainable AI, federated learning, and quantum computing. By staying informed, learning, fostering ethics, collaborating, and exploring future frontiers, we can actively shape the future of AI and leverage its potential for positive impact. Join the AI revolution and be a part of the AI chronicles today!

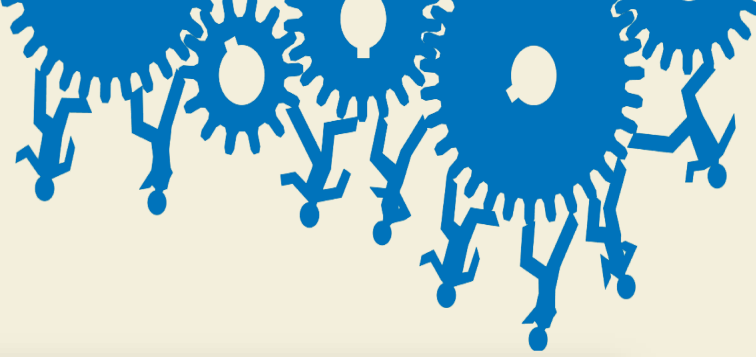
- By Janavi Patil





Glimpses





**Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING**
Karve Nagar, Pune



Permanentely Affiliated to SPPU/Accredited with 'A++' Grade by NAAC
Recipient of 'Best College Award 2019' of SPPU
Accredited by NBA (Electrical and Mechanical Engg. Department)
Department Of Computer Engineering: 2022-2023 Batch



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