

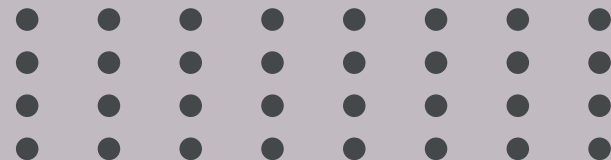


SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Department of Information Technology



Highlights



VISION MISSION	STUDENTS' ACHIEVEMENTS
PO'S & PEO'S	MESSAGE FROM HOD DESK
MAJOR EVENTS	STUDENTS PLACEMENTS
OUR SHINING STARS	FACULTY ACHIEVEMENTS



VISION OF THE DEPARTMENT



- To Create Technically qualified talent through research to take up challenges in industries

MISSION OF THE DEPARTMENT



- To strengthen theoretical and programming skills through teaching learning and technical trainings to fulfill society and industry needs.
- To nurture young minds to participate in research ,innovation and entrepreneurship .
- To encourage participation in co-curricular and extra - curricular activities to equip students with communication ,team work and leadership skills.



FROM THE DESK OF HOD



PROF. MAAHI
KHEMCHANDANI

HOD

As the Head of the Department of Information Technology, I am pleased to present the semester's 2022-23 academic year newsletter, in which we highlight the notable achievements and events within our department. During this semester we have witnessed outstanding achievements from our department, our faculty, and our students. Our faculty members have published notable research, contributing to advancing knowledge in their respective fields. Students have excelled at various certifications, participated in project exhibitions, hackathons, and internships, and demonstrated their talents at extracurricular events.

We are happy to announce that our department was awarded as the **Best Department for 60 intake capacity**. This achievement is a testament to the combined efforts and dedication of our faculty and students. I am pleased to be able to share with you the placement statistics of our 2019-2023 graduating class. It is a testament to the quality of our department's education and training that our students have secured promising career opportunities. In addition, we would like to express our thanks to the teachers, staff, and students who organized and carried out various events during the semester. Your dedication and commitment have contributed to the overall success and lively atmosphere in our department.

We would like to express our deepest gratitude to our graduates for being an integral part of our department. Congratulations and best wishes to our exceptional graduates.

I wholeheartedly congratulate all of the achievers for their exceptional contributions. Your hard work, determination, and passion are truly inspiring. Many thanks to everyone who made this semester an unforgettable experience. Let's keep striving for excellence and keep improving the reputation of our department.



PROGRAM EDUCATIONAL OBJECTIVES (PEO)

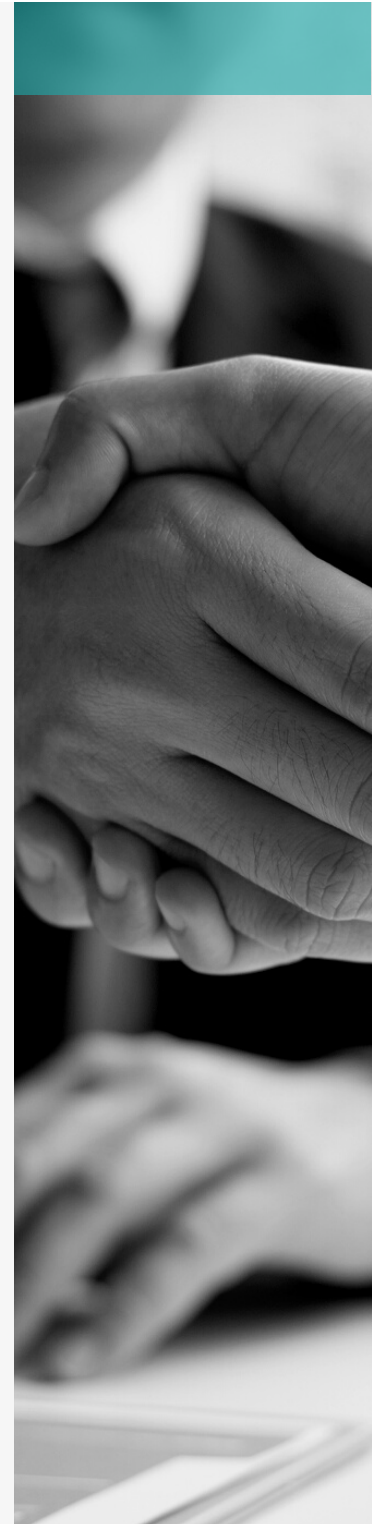


- To embed a strong foundation of Information Technology Engineering fundamentals.
- To identify, solve, analyze and design real time Engineering problem as a professional or an entrepreneur for the lifelong learning and research benefit of society.
- To motivate and prepare students for lifelong learning and research to manifest global competitiveness.
- To equip students with communication, team Work and leadership skills to accept challenges in all facets of life ethically.

PROGRAM OUTCOME (PO)



- Apply the knowledge of Mathematics, Science, Engineering fundamentals to solve complex Information Technology Engineering Problems.
- Identify, formulate and analyze Information Technology Engineering problems to derive conclusion using first principles of mathematics and Computer Science.
- Investigate complex Information Technology engineering problems and find appropriate solution leading to valid conclusion.
- Design IT systems, components or processes to meet specified needs with appropriate attention to health, safety, standards, environmental and societal consideration.
- To create select & apply appropriate techniques, resources advance engineering & software tools necessary to analyze & design Information Technology Problems.
- Understand the impact of IT Solutions on society and environment for sustainable development.
- Understand social, safety, culture and legal issues and responsibilities relevant to engineering profession.
- Apply professional ethics, accountability and equity in engineering profession.
- Work effectively as a member and leader in multidisciplinary team for a common goal.
- Communicate effectively within a profession and with society at large.
- Appropriately incorporate principles of Management & Finance to one's own work.
- To identify Educational needs & engage in lifelong learning in a changing world of technology.





PROGRAM SPECIFIC OUTCOME (PSO)



- Identify, understand, formulate and analyze complex engineering problems in the field of Network system, Database management, Web communication, Computer programming and software development.
- Plan, design, develop and manage software in the field of artificial intelligence , data mining, network management and security, cloud based services and Internet of Things applications through use of secure, reliable and cost effective state of art IT tools efficiently.

OUR EVENTS



CODIES 2.0 (Jan 11, 2022)

The Department of Information Technology organized a coding competition event for students. This competition provide a challenging environment where participants can solve complex problems within a given time limit. By participating in coding competitions, programmers can improve their problem-solving skills, programming proficiency, and familiarity with programming languages and tools.



Aptitude Training Program (March 02 to March 15)

The Training and Placement cell and Student Career Development cell of Saraswati College of Engineering had arranged a two weeks Aptitude training Program for students from March 02,2022 to March 15,2022. The speakers from Eduladder have delivered the training on various important topics from competitive exam point of view (like Quantization, logical reasoning, verbal).

One day Seminar on internship opportunities by AIESEC(January 21 2023)

A seminar on Internship opportunity by AIESEC was conducted by AIESEC which was detailed further by their assistant manager sakshi jadhav.AIESEC is a global platform for young people to develop their leadership potential through practical experiences of many kinds including internships,volunteering opportunities and much more.



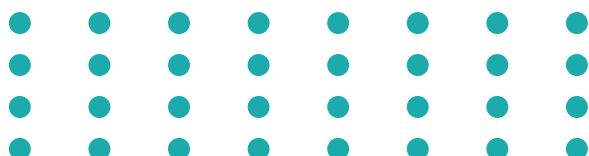
It is a non governmental and not to profit organization entirely run by youth to youth.

This event helped the students to know more about the recruitment culture opted by various organizations. The objective of the event was to recruit right people who can be fitted into the corporate culture and help achieve organizational goals. It helped students know about the various job analysis activities and personnel planning.



Student Training Programme On Java (3 dec 2022 to 23 jan 2023)

Saraswati College of Engineering, Kharghar has arranged a one month student development program through Spoken Tutorial project, IIT Bombay on Python. Students participated in the program and learned Python in a more practical oriented approach. It helped students to learn Java in depth. 3 students successfully Participated from Department of information technology in this training program and received certificates



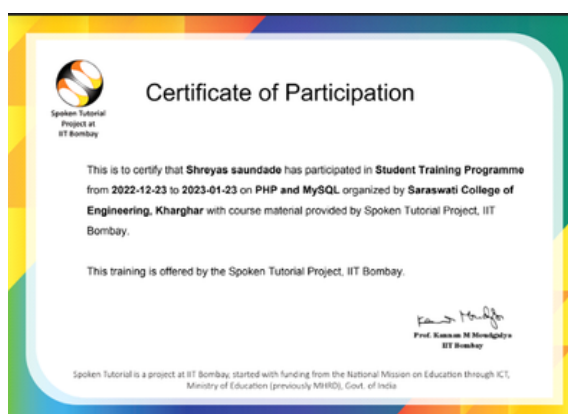
Student Training Programme On Python (3 dec 2022 to 23 jan 2023)



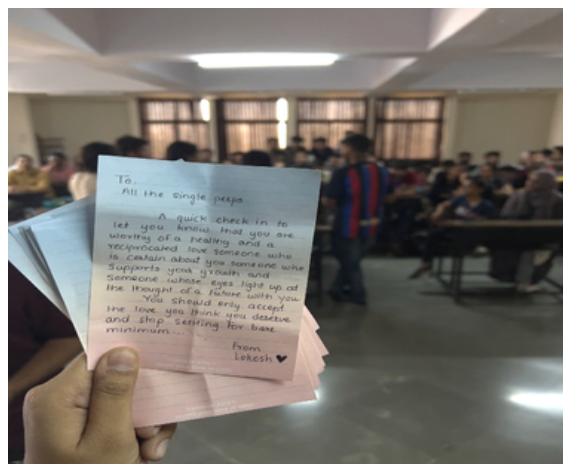
Saraswati College of Engineering, Kharghar has arranged a one month student development program through Spoken Tutorial project, IIT Bombay on Python. Students participated in the program and learned Python in a more practical oriented approach. It helped students to learn python and do machine learning programs. 20 students successfully Participated from Department of information technology in this training program and received certificates.

Student Training Programme On PHP MYSQL (3 dec 2022 to 23 jan 2023)

Saraswati College of Engineering, Kharghar has arranged a one month student development program through Spoken Tutorial project, IIT Bombay on PHP & MySQL. Students participated in the program and learned PHP in a more practical oriented approach. It helped students to learn and develop a web application, 14 students successfully Participated from Department of information technology in this training program and received certificates



Secret Valentine (Feb 14 2023)



On February 14th, the SAIT committee organized a cultural event exclusively for the student of the IT department Named : Secret valentine, "The event aimed to create a lively and enjoyable atmosphere for the IT department students. The committee encouraged participants to engage in secret gift exchange, where they would surprise there assigned "valentine" with a thoughtful present. The event featured various cultural elements including music, dance performances, and interactive games. Students have memorable experience of this event.

Beach Clean Up Drive(Feb 18,2023)

The Department of Information Technology of Saraswati College of Engineering conducted an event (S.A.I.T. in collaboration with Beach Warrior India) .Session was conducted on 18 February 2023. The objective of this cleanup drive is to provide opportunity for students to enrich their communication skills by working together to achieve a single goal i.e. cleaning the environment.



This drive will provide a vibrant opportunity for students to work together. The beach cleanup drive, organized fostered a sense of responsibility towards the environment and inspired individuals to take proactive steps in preserving our natural resources.

Industrial Visit (January 7 2023 to January 15 2023)



The Department of Information Technology of Saraswati College of Engineering, Kharghar had conducted the Industrial Visit of 9 days and 8 nights to Kashmir from January 1 2023 to January 15th 2023. The visit was conducted at Netshell, a prominent company in the industry. The primary objective of this visit was to provide students with a firsthand experience of the real-world working scenario. It aimed to expose them to various aspects of leadership skills, management skills, finances, and other relevant areas. On 15th January Students completed their journey and reached back to Kharghar, Mumbai.

Alumni Meet 2023(March 26 2023)

Saraswati College of Engineering hosted its Alumni Meet on 26th March 2022 at auditorium in College Campus. This meet ensures to build the bond between alumni and current students and faculty. During the meet, the alumni shared their experience in the outside world, which they faced after stepping out of the institution with our students. The Alumni Students volunteered themselves to help the fellow students regarding Internships, Placements, Guest Lectures and workshops.



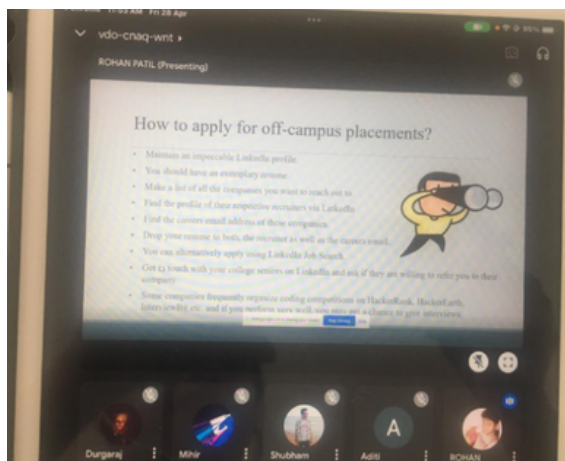
Employability skills program

The training program was arranged for TE IT Studtes . This program is designed with the aim to assist candidate in developing their employ-ability skills and personal qualities related to gaining and sustaining employment. Additionally , the unit aids students in developing the confidence and focus on self introduction, Resume making, Email writing.



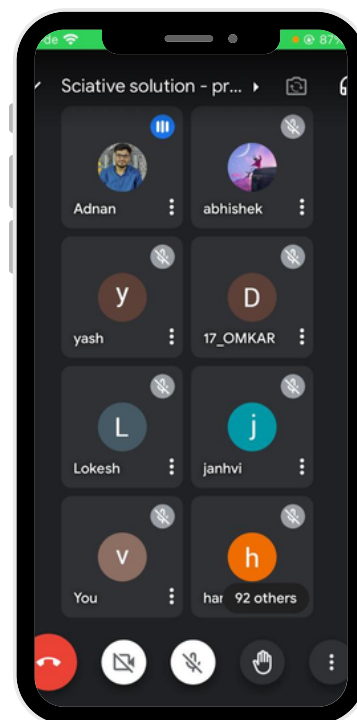
A talk on Mindcraft drive (28th April 2023)

Saraswati College of Engineering, Kharghar has arranged a Alumina talk on “Mindcraft placement preparation guidelines” for Final year students on virtual platform. Mr. Rohan discussed about import ant topics of placement preparation, Links for practicing. Also he has told about how to apply for offline placement. He also explained about Mindcraft placement drive rounds and kind of questions asked in each round when he had attended Mindcraft drive.



A talk on Sciative Solutions (7th June 2023)

Saraswati College of Engineering, Kharghar has arranged a Alumina talk on “Sciative Solutions placement preparation guidelines” for Third year students on virtual platform. Mr. Adnan shared few important topics of aptitude, SQL and Python, kind of Questions Company may ask, and approach needed for solving problems on aforementioned topics. He has also shred few links to do practical of SQL writing and coding .



IT Alumni Secrets to Success :Placement Preparation Seminar - Under CSI (17 June 2023)



IT Alumni Secrets to Success: Placement Preparation Seminar was conducted by IT Department. Seminar was started with introduction of alumni and further they guided our students from there experiences and encouraged them for earlier preparations of drives by planning . also guidance for resume building was provided.

This event helped the students to know more about the recruitment culture opted by various organizations. The objective of the event was to recruit right people who can be fitted into the corporate culture and help achieve organizational goals. It helped students know about the various job analysis activities and personnel planning.



Placements

The training and placement cell at the IT department of Saraswati College of Engineering, Kharghar helps students to develop behavioral and soft skills. The top recruiters of Saraswati College of Engineering during the past years included leading companies like Accenture, Capgemini, TCS, Infosys, IBM, Deloitte, EY, etc. we also organized personality development sessions, aptitude sessions and career development programmes for students. 60 % of the students of 2022-23 batches are already placed in various companies like Infosys, Wipro, and TCS etc.

***Recruitment
of
Students
(2022-23
batch)***

Detailed placement report of year 2022- 23

SR. NO.	NAME OF STUDENT	NAME OF THE EMPLOYER	PAY PACKAGE AT APPOINTMENT (IN INR PER ANNUM)
1	POORVI KOLGE	BIZ4D	7.5LPA
2	HETAL CHOUDHARI	EXCELR RAISING EXCELLENCE	3.5LPA
3	ROHAN DESAI	SANKEY SOLUTIONS	4LPA
4	TEJAS SHINGHOTE	ALLERIN TECH PVT. LTD.	5LPA
5	GAURAV SIDANA	ALLERIN TECH PVT. LTD.	5LPA

SR. NO.	NAME OF STUDENT	NAME OF THE EMPLOYER	PAY PACKAGE AT APPOINTMENT (IN INR PER ANNUM)
6	SHUBHAM TRIVEDI	MINDCRAFT	3LPA
7	MIHIR NARKAR	MINDCRAFT	3LPA
8	NEHA SHEWALE	MINDCRAFT	3.4 LPA
9	SACHIN RATHOD	GODREJ INFOTECH LTD.	3.4 LPA
10	RHUSHIKESH CHAVAN	GODREJ INFOTECH LTD.	3.4 LPA
11	JAY VANJARE	GODREJ INFOTECH LTD.	3.4 LPA
12	BISHAL NASKAR	GODREJ INFOTECH LTD.	3.4 LPA
13	SAKSHI PADGE	NUCSOFT LTD.	3.2LPA
14	AWANTI PAWAR	TCS	3.36LPA
15	SIDDHI VETAL	TCS	3.36LPA

SR. NO.	NAME OF STUDENT	NAME OF THE EMPLOYER	PAY PACKAGE AT APPOINTMENT (IN INR PER ANNUM)
16	JATIN TIWARI	TCS	3.36LPA
17	GHANA SHRAVANVEL	TCS	3.36LPA
18	ADITYA KHARATMOL	TCS	3.36LPA
19	SHUBHAM MHATRE	NUESOFT LTD.	3.2LPA
20	SAKSHI PATIL	PALLE TECHNOLOGY	3 LPA
21	SMITA KALAMKAR	XANGARS SOFTWARE DEVELOPERS CONSULTANCY	2LPA
22	MANSI THORAT	XANGARS SOFTWARE DEVELOPERS CONSULTANCY	2LPA
23	AKANKSHA TAMHANKAR	XANGARS SOFTWARE DEVELOPERS CONSULTANCY	2LPA
24	LUMESH JORWAR	KPIT TECHNOLOGIES LTD	6.95

CELEBERATIONS

Shivaji Jayanti Celebration (February 19 2023)

Saraswati College of Engineering, Kharghar had organized an shiv jayanti programme on 19th February 2023 . We celebrated Shiv Jayanti with great zeal & enthusiasm..Time has changed, dynasties have come and gone but the greatness of Chhatrapati Shivaji Maharaj is still alive in the minds of the every Indian which makes this event conspicuous and special .



Women's Day Celebration (March 28 2023)



Saraswati College of Engineering, Kharghar had organized Women's day Celebration for all teaching and non teaching staff on the name "SAPTRANG" from 11.am to 1.30pm Celebration was started with Saraswati pooja and then followed with women's day speech. IT department performed group dance in women's day celebration.



NAKSHATRA

Saraswati College of Engineering, Kharghar had organized Nakshatra for the academic year 2022-23. Students Participated in cultural events, sports and many more activities. Competitions were held between the students and our IT students had taken role in all activities and had won prizes.





ACHIEVEMENTS

The IT department at Nakshatra Girls achieved remarkable success in both sports and cultural activities. They won four gold medals in Chess, Tug of War, Carrom, and Dodgeball, along with four silver medals in Shotput, Badminton, Box Cricket, and Volleyball. Also the boys remarkably won one gold and two silvers in Carrom, Chess and Tug of War respectively. The department also secured gold in the fashion show and were recognized as the best department in the 60 intake team category.



Faculty Achievements ○○○○

PUBLICATIONS IN INTERNATIONAL JOURNALS

SR. NO.	AUTHOR	TITLE OF PAPER	NAME OF THE JOURNAL	YEAR OF PUBLIC ATION
1	Dr. Sheetal Bukkawar	IOT Based Life Jacket	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
2	Dr. Sheetal Bukkawar	Devnagari Character Recognition	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
3	Dr. Sheetal Bukkawar	SPARSH- (Transfer of data through human body)	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
4	Prof. Maahi Khemchandani	Tree Monitoring System	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23

SR. NO.	AUTHOR	TITLE OF PAPER	NAME OF THE JOURNAL	YEAR OF PUBLIC ATION
5	Prof. Maahi Khemchandani	E-FIR Registration Using Chatbot	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
6	Prof. Maahi Khemchandani	Natural Disaster Management	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
7	Prof. Maahi Khemchandani	IOT and AI based Smart Cattle Health Monitorin	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
8	Prof. Vaishali Jadhav	Smart Irrigation System	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
9	Prof. Vaishali Jadhav	Smart Attendance System	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23

SR. NO.	AUTHOR	TITLE OF PAPER	NAME OF THE JOURNAL	YEAR OF PUBLIC ATION
10	Prof. Vaishali Jadhav	Mental Health Analysis using Speech Emotion Detection	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
11	Prof. Kirti Mhamunkar	IOT based Waste Bin	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
12	Prof. Kirti Mhamunkar	Prof. Kirti Mhamunkar	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
13	Prof. Ragini Sharma	Health Monitoring System for Mine workers	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23
14	Prof. Ragini Sharma	Blockchain based Registry System	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT-2023)	2022-23

SR. NO.	AUTHOR	TITLE OF PAPER	NAME OF THE JOURNAL	YEAR OF PUBLIC ATION
15	Prof. Ragini Sharma	Blockchain for Tendering System	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT- 2023)	2022-23
16	Dr. Divya Tamma	Smart Travel Plan Recommendat ion System	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT- 2023)	2022-23
17	Dr. Divya Tamma	Boat Detection at Small Port using CNN	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT- 2023)	2022-23
18	Dr. Divya Tamma	Recruitment using ML	National Conference on Recent Innovative Trend in Computer Engineering and Information Technology (CRITCEIT- 2023)	2022-23

GREAT ACHIEVEMENT OF THE YEAR

- Dr. Sheetal Bukkawar Ma'am awarded as Winner of Swachh Technology Challenge in Project competition, organized by Panvel Municipal Corporation



Panvel Municipal Corporation ... · 5h ·

A Scalable technology solution for reducing single use plastic "Cloth bag Vending Machine" is developed by Dr. Sheetal Bukkawar. Deputy Commissioner Panvel Municipal Corporation Felicitated the winner of Swachh Technology challenge.

[#SwachhSurvekshan2023](#)

[#aazadikaamritmahotsav](#)



- Dr. Sheetal Bukkawar Ma'am Appreciation by University of Mumbai for successfully organizing “Youth Festival at SCOE”
- Dr. Sheetal Bukkawar Ma'am appreciated by Hon. Chief Minister of Maharashtra, Shri Eknath Shinde ji for making first cloth bag vending machine in Maharashtra.

- Prof. Maahi Khemchandani awarded as best Reviewer in ICDSAI 2023 an international conference .



- Department of Information Technology Students of BE had participated in Avishkar 2023. SCOE AVISHKAR-2023 project competition was organized on 3rd April 2023 with an aim to recognize the exceptional research contributions of students and enhance their skills, innovative ideas and problem-solving attitude. 76 students from final year participated in the completion. The project "IoT based Life Jacket" received consolation prize.

- Leena Katkar and Team Participated in Nirman Hackathon and achieved First Place.



Student involvement in industry internship in India for the academic year 2022-23:



SR. NO.	NAME OF STUDENT	DURATION	NAME OF THE ORGANIZATION
1	Aditya Kharatmol	6 Months	Videbh Technologies
2	Omkar Gaikwad	6 Months	Videbh Technologies
3	Prithviraj Patil	6 Months	Videbh Technologies
4	Shubham Trivedi	6 Months	Videbh Technologies
5	Pooja Bhole	6 Months	Videbh Technologies
6	Vaidehi Chaple	6 Months	Videbh Technologies
7	Gaurav Sidana	6 Months	Videbh Technologies
8	Neha Shewale	3 Months	Xangars
9	Siddhi Vetal	5 Months	Temperature Tech services

SR. NO.	NAME OF STUDENT	DURATION	NAME OF THE ORGANIZATION
10	Awanti Pawar	6 Months	Jio Platforms
11	Aravind G	6 Months	Cloudstart Technologies
12	Amol Chakor	6 Months	Cloudstart Technologies
13	Pranav More	6 Months	RJ Innovations and services
14	Anurag Singh	3 Months	Companion
15	Hetal Choudhari	1 Months	Videbh Technologies
16	Shubham Pote	6 Month	Hetzsoft
17	Shashank Poojary	6 Months	Counting unique
18	Varad Gaikwad	3 Months	Raise WPU
19	Sakshi Pawar	2 Months	CollegeRanker

SR. NO.	NAME OF STUDENT	DURATION	NAME OF THE ORGANIZATION
20	Dnyaneshwari Gojare	2 Months	CollegeRanker
21	Harshal Bhogal	6 Months	Digital Documentation
22	Tejas gavale	6 Months	Digital Documentation
23	Rakesh M	6 Months	Digital Documentation
24	Yash Alapuria	6 Months	AIESEC
25	Kavita Chauhan	3 Months	Xume
26	Sakshi Shinde	2 Months	Acmegrade
27	Mane Ketki	2 Months	Acmegrade
28	Chauhan Kavita	1 Month	Maja Solutions
29	Shaikh Imtiyaz Mohhamad Zakir	2 Months	TCR innovations

SR. NO.	NAME OF STUDENT	DURATION	NAME OF THE ORGANIZATION
30	Saakshi Pawar	2.5 Months	Twilearn edutech
31	Soham Mhatre	6 Months	Digital Documentation
32	Siddesh kaskar	6 Months	Digital Documentation
33	Omkar Sontakke	6 Months	Digital Documentation
34	Nikhil Nikam	6 Months	Digital Documentation
35	Abhishek Patange	6 Months	Digital Documentation
36	Bhushan Ahire	6 Months	Digital Documentation
37	Anish Pal	6 Months	Digital Documentation
38	Sneha Gharal	6 Months	Digital Documentation
39	Janhavi Chavan	6 Months	iMarketz

SR. NO.	NAME OF STUDENT	DURATION	NAME OF THE ORGANIZATION
40	Harsh Wakode	6 Months	iMarketz
41	Omkar Sontakke	6 Months	iMarketz
42	Umair Khan	6 Months	iMarketz
43	Gaurav Bhuiambar	3 Months	JAMS-PODS
44	Vedh Dusa	6 Months	TATA capital
45	Priyanuj Choudhury	3 Months	Cuvette
46	Snehdeep Dupare	6 Months	CodeClause
47	Aniket Handore	6 Months	Dialogues Media
48	Shashank Poojary	3 Months	Counting Unique
49	Bhushan Ahire	6 Months	Digital documentation

SR. NO.	NAME OF STUDENT	DURATION	NAME OF THE ORGANIZATION
50	Mansi Sidher	2 Months	Acmegrade
51	Sonal Jadhav	2 Months	Acmegrade
52	Laxmi Jaiswal	2 Months	Acmegrade
53	Laxmi Jaiswal	2 Months	Cloud Counseleage
54	Sonal Jadhav	2 Months	Cloud Counseleage
55	Gaurav Bhuimbar	3 Months	Marpu Foundation
56	Adithi Ankam	2 Months	Acmegrade
57	Akanksha Lad	2 Months	Acmegrade
58	Leena Katkar	2 Months	Acmegrade



Editorial Team

Faculty Co-ordinator:

Mrs. Madhumati Lotkar

Student Co-ordinator:

Snehdeep Dupare