



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**

**PO'S AND PEO'S**

**MAJOR EVENTS**

**STUDENTS ACHIEVEMENT'S**

**MESSAGE FROM HOD DESK**

**STUDENTS PLACEMENTS**

**FACULTIES ACHIEVEMENTS**

**OUR SHINING STARS**

# OUR MILESTONES

## VISION

- To create technically qualified talent through research to take up challenges in industries.



## MISSION

- To educate students to become quality technocrats for taking up challenges in all facets of life.
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- To develop technical and managerial skills through training and modern teaching learning process .

- To impart quality education.

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## FROM THE DESK OF HOD

“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.” Malcolm X

The Department of Information Technology New disseminates information from the IT department and showcases ‘students and faculty members’ hidden talents.

It encloses activities such as Faculty Development Programs, and Orientation Programs attended by staff members, as well as competitions and innovative projects completed by students with industry work exposure through internships.

I, take this opportunity to thank all the stake holders for showing interest and continuous support. I extend my best wishes to all the students in their chosen career path and I am sure that INFORMATION TECHNOLOGY department will scale up to greater heights in the years ahead, serving many more people in society.





## Program Educational Objectives (PEO)

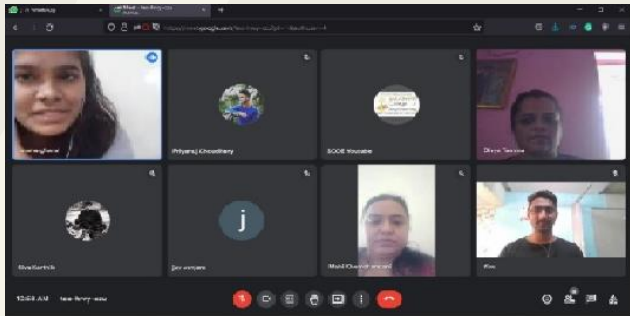
- To embed a strong foundation of Information Technology Engineering fundamentals to identify, solve, analyze and design real time Engineering problem as a professional or an entrepreneur for the lifelong learning and research benefit of society.
- To motivate and prepare students for lifelong learning 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 and 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 final 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 social consideration.
- To create select and apply appropriate techniques, resources advance engineering and software tools necessary to analyze and 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 and Finance to one's own work.
- To identify Educational needs and engage in lifelong learning in a changing world of technology.

# OUR EVENTS

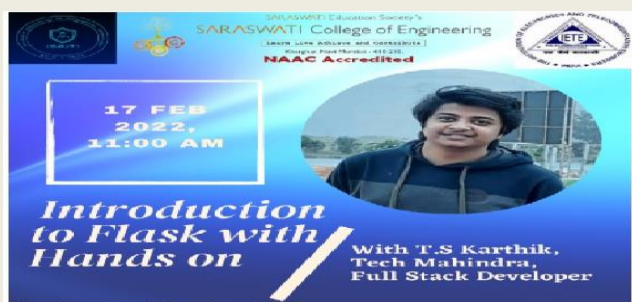
## Introduction to Flask with Hands on (February 17 2022)



The Department of Information Technology of Saraswati College of Engineering, Kharghar had organized IETE approved one day National Level webinar on “Introduction to Flask with Hands on” on February 17, 2022. This webinar is organized to make students aware of the concept of Flask with complete hands-on training. Mr. T. S. Karthik, Full Stack Developer at Tech Mahindra explained the detailed concepts of Flask. After completion of the webinar students are able to understand about Flask, Project Setup, Flask Basic code, Front End UI, Connection of Database, Insert values in Database which will help them to develop these concepts in their projects. Students enjoyed this webinar.

Link of Webinar:

<https://www.youtube.com/watch?v=nAvx66vTMOo>



## 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).

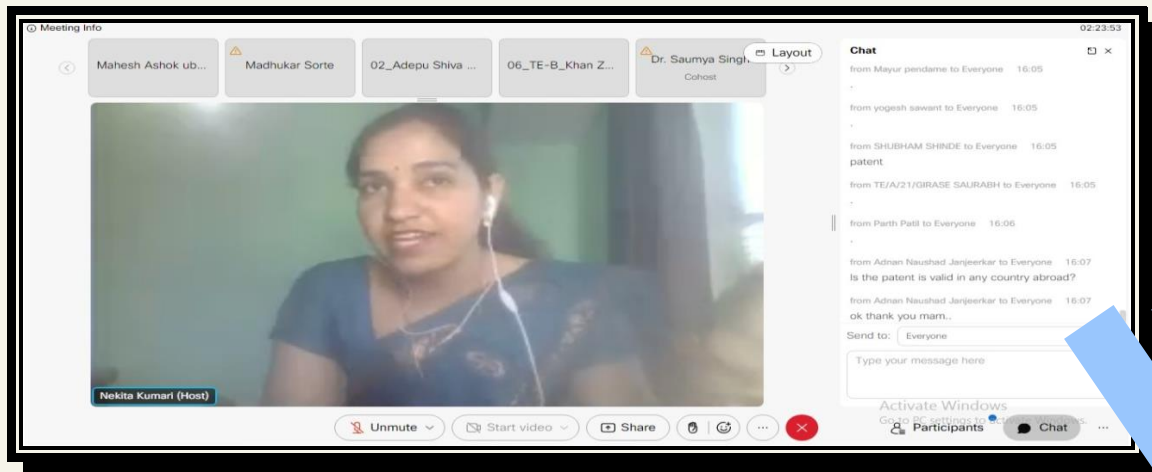
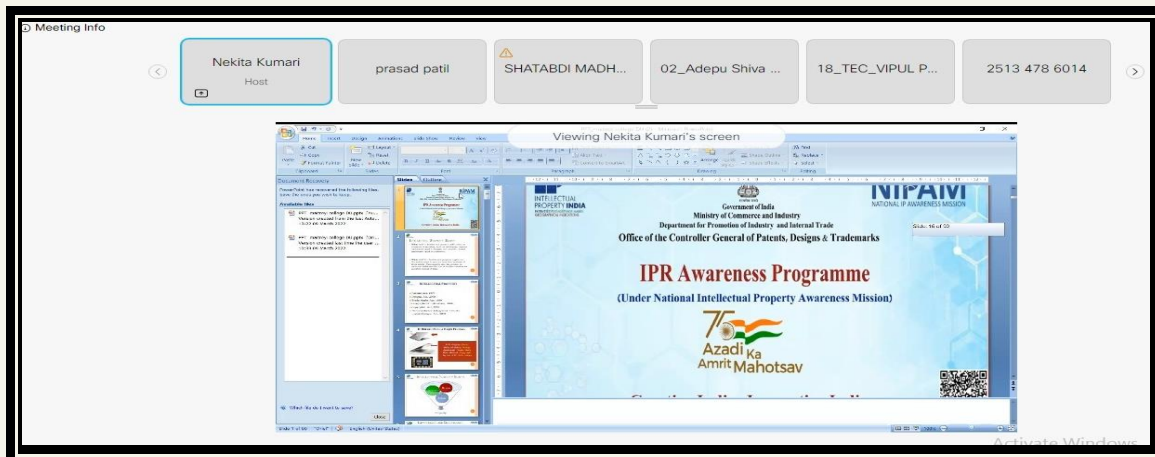


Along with tricks to solve it quickly. Students really enjoyed the sessions and started solving aptitude test series very confidently within the mentioned time period by applying knowledge and tricks learned in the aptitude session.

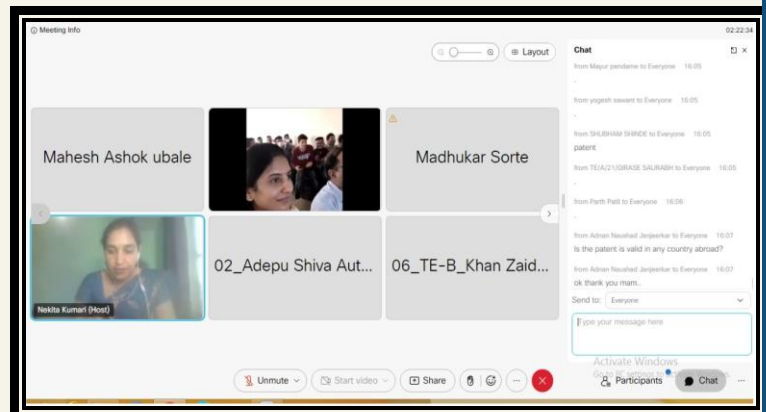
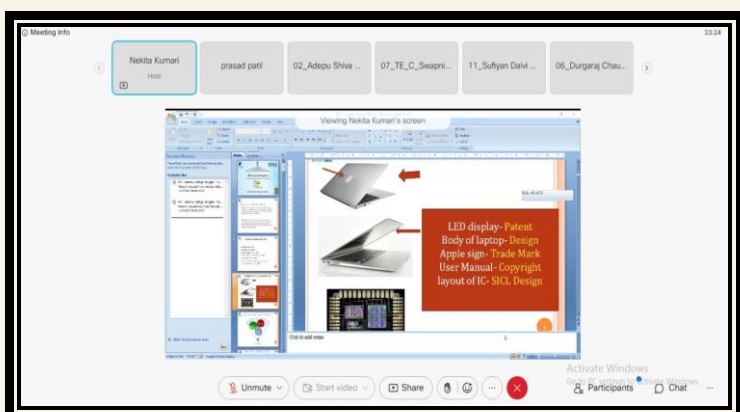




# Intellectual Property Rights (March 11 2022)



The Department of Information Technology of Saraswati College of Engineering, Kharghar took an active part in the “National Intellectual Property Awareness Mission” launched by the Government of India on the occasion of the 75th anniversary of independence under the banner “Azadi ka Amrit Mahotsav” to create awareness on “Intellectual Property Rights” on March 11, 2022 in association with Intellectual Property Office, Delhi.





### **Alumni Talk (March 14 2022)**

The Department of Information Technology of Saraswati College of Engineering, Kharghar conducted an Alumni talk on March 14 2022 for BE and TE batches to provide a good and strong bridge for the students, faculty and the institute for mutual benefit and synergy. Meet was started by 10.30 a.m. Speaker is Miss. Heena Shirke, AEM Developer delivered an informative talk with IT Students on 14<sup>th</sup> March 2022



### **Alumni Meet 2022(March 26 2**

Saraswati College of Engineering hosted its Alumni Meet on 26<sup>th</sup> 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.

## Three days workshop on UI/UX and Flutter (April 14 2022 to 16 April 2022)

The Department of Information Technology of Saraswati College of Engineering, Kharghar had organized three days workshop from April 14<sup>th</sup> 2022 to April 16<sup>th</sup> 2022 on topic of UI/UX and Flutter under SAIT for Students.

The Speakers were Taabish Sutriwala, Raunak Singh, Inthiyaz Khan. Speaker Inthiyaz Khan gave the basic and brief introduction about the UI and UX. After Raunak Singh gave general introduction about the Flutter. After installation of Flutter, speaker Taabish Sutriwala and Raunak Singh combinely teached to create an application





## Into the world of virtual reality & augmented reality(April 07,2022)

The Department of Information Technology of Saraswati College of Engineering, Kharghar had organized a seminar titled as “INTO THE WORLD OF VIRTUAL REALITY & AUGMENTED REALITY” on April 07,2022 .



Mr. Rahul Gupta- Intellect Technologies talked about the application of Virtual Reality in Industry and IDE. The seminar aimed to understand the importance of Virtual Reality from a career point of view and How to develop a project in Unity IDE.

The students took an active part in the seminar and enjoyed it completely.

## Industrial Visit (April 12 2022 to April 16 2022)

The Department of Information Technology of Saraswati College of Engineering.

Kharghar had conducted the Industrial Visit of 5 days and 4 nights to Goa from April 12<sup>th</sup> 2022 at 8pm to April 16<sup>th</sup> 2022 2pm.



Students started journey on 12<sup>th</sup> April visited tourist spots on South Goa on 13<sup>th</sup> April. On 14<sup>th</sup> April they again visited some tourists spots. And on 15<sup>th</sup> April visited Simens company in North Goa.



On 16<sup>th</sup> April Students completed their journey and reached back to Kharghar, Mumbai.





# PLACEMENTS

## Recruitment of Students (2021-22 batch)

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 2021-22 batches are already placed in various companies like Infosys, Wipro, and TCS etc.



## SARASWATI Education Society's SARASWATI College of Engineering

### Department of Information Technology Engineering Placement (2021)



Ms. Snushti Pandikar  
Infosys, Atos syntel



Mr. Adarsh Dubey  
Ugam Solution, Virtusa



Mr. Pranesh Tambe  
Virtusa



Mr. Abhish Jaiswal  
Capgemini, Ugam



Ms. Disha Haldankar  
Capgemini



Ms. Pooja Gund  
TCS



Mr. Intiyaz Khan  
Lemon Yellow LLP



Ms. Samiksha Kamble  
Worldline India



Mr. Hrishikesh Zore  
Quality kiosk



Mr. Harshal sanyashi  
Worldline India



Mr. Ashish Yadav  
LTI, CAPGEMINI, TCS



Mr. Soham Balekar  
Wipro



Ms. Tejal Gaykar  
MavinRPO Solutions



Mr. Raunak Singh  
Wipro



Ms. Sharayu Sutar  
Hexaware Technologies



Ms. Rutika Patil  
TCS



Ms. Poonam Choudhari  
Mindcraft Software



Ms. Shruti Bhosle  
TCS



Mr. Shivam More  
TCS



Mr. Harshal Mayekar  
ICICI Securities



Mr. Bhavesh Patil  
Wipro



Ms. Roshani Dhanawade  
Worldline India



Ms. Niharika Ghali  
Capgemini



Mr. Dhiraj Naik  
Mindcraft



Mr. Taabish Sutriwala  
Capgemini, TCS



Mr. Sohail Mukadam  
Capgemini



Mr. Nilesh Aawale  
MindCraft Software



Ms. Varsha Jyoti  
Qualitykiosk



Mr. Vinay Jain  
TCS



Ms. Rutuja Matre  
MindCraft Software



Mr. Kaif Khan  
NEC Software Solutions



Mr. Shubham Patil  
TCS, Capgemini, Wipro



Mr. Ruturaj Kadam  
Neosoft



Ms. Hiteshri Jondhalekar  
HCL



Mr. Rohan Shinde  
Expleo



Mr. Aatish Bhilare  
ICICI Securities Ltd

Still  
Counting...

THE INSTITUTE IS PROUD OF YOUR ACHIEVEMENT AND WE WISH YOU ALL THE BEST FOR YOUR FUTURE ENDEAVOURS.

## Detailed placement report of year 2021-2022

Sr. No	Name of student	Name of the employer	Pay package at appointment (In INR per annum)
1	Aawale Nilesh	Mindcraft	3 LPA
2	Balekar Soham	Wipro	3.5 LPA
3	Bhilare Aatish	ICICI Securities	3.8 LPA
4	Bhosale Shruti	TCS	3.36 LPA
5	Chaugule Archana	Wipro	3.5 LPA
6	Choudhari Poonam	Mindcraft	3 LPA
7	Dhapte Sakshi	Infosys	3.6 LPA
8	Gaykar Tejal	MavinRPO Solutions pvt ltd	1.8 LPA
9	Gund Pooja	TCS	3.36 LPA
10	Jondhalekar Hiteshri	HCL	4.75 LPA
11	Jyoti Varsha	Wipro	3.5 LPA
12	Junghare Kunal	Headstrait Software LLP	6 LPA
13	Kadam Ruturaj	QualityKiosk	3LPA
14	Kamble Samiksha	Wordline	4LPA
15	Mayekar Harshal	ICICI Securities	3.8 LPA
16	More Shivam	TCS	3.36
17	Palshetkar Priyank	Ugam Solutions Pvt. Ltd	4 LPA
18	Pandirkar Srushti	Infosys	3.6 LPA
19	Patil Bhavesh	Wipro	3.5 LPA

Sr. No	Name of student	Name of the employer	Pay package at appointment (In INR per annum)
20	Dubey Adarsh Rajesh Sushma	Ugam Solutions Pvt. Ltd	4 LPA
21	Ghali Niharika	Capgemini Technology Services India Ltd	7.5 LPA
22	Haldankar Disha	Capgemini Technology Services India Ltd	4 LPA
23	Jain Vinay	TCS	3.36
24	Jaiswal Abhishek	Ugam Solutions Pvt. Ltd	4 LPA
25	JAMATE MUSKAN	Wipro	3.5 LPA
26	Khan Kaif	NEC	4 LPA
27	Khandare Aditya	Envecon	3 LPA
28	Mali Ketan	Envecon	3 LPA
29	Matre Rutuja	Infosys	3.6 LPA
30	Naik Dhiraj	Mindcraft	2.4 LPA
31	Patil Rutika	TCS	3.36
32	sanyashi Harshal	Worldline India Pvt Ltd	4 LPA
33	Singh Raunak	Wipro	3.5 LPA
34	Sutar Sharayu	Hexaware Technologies Ltd	4 LPA
35	Sutriwala Taabish	TCS	3.36
36	Tambe Pranesh	Virtusa	4.5
37	Patil Shubham	Capgemini Technology Services India Ltd	4 LPA
38	Pawar Vishal	Envecon	3 LPA
39	Rohan Shinde	Infosys	3.6 LPA
40	Shukla Abhishek	Byju's	7 LPA
41	Yadav Ashish	Capgemini Technology Services India Ltd	4 LPA
42	Roshani Vasant Dhanawade	Worldline India Pvt Ltd	4 LPA



# CELEBRATIONS

## Shivaji Jayanti Celebration (February 19 2022)

Saraswati College of Engineering, Kharghar had organized an INTER COLLEGE POSTER MAKING COMPETITION on 19<sup>th</sup> February 2022 on behalf of Shivaji Jayanti. This competition is to bring out the creative expression of students and to gauge their knowledge in pictures than words. Our IT Students had taken part in that poster competition.



## Women's Day Celebration (March 28 2022)

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.

## Nakshtra (2022)

Saraswati College of Engineering, Kharghar had organized Nakshtra for the academic year 2021-22. 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.





# OUR SPORTS





# FACULTY ACHIEVEMENTS

## Patent Publication

Sr. No	Application Number	Applicant Name	Title of Invention	Publication Date
1	202121031303	1.Dr.ShivajiRao Manikrao Jadhav 2.Prof. Maahi Amit KHemChandani	An Automatic Detection of Brain Tumor By Glioma Magnetic Resonance(MR)images segmentation and classification based on Deep Learning Approach	11/02/2022

## Publications in International Journals

Sr.No	Author	Title of Paper	Name of the Journal	Year of Publication
1	Maahi Khemchandani	AI Virtual Keyboard and Mouse using OpenCV	Journal of Open Source Developments	2021-22
2	Maahi Khemchandani	Personality and Behavior Identification Based on Handwriting Analysis	Journal of Communication Engineering and Systems	2021-22
3	Ragini Sharma	Machine Learning Based Smart Aquaponics Farming System	Research & Reviews: A Journal of Embedded System & Applications	2021-22

4	Madhumati Kavale	Breast cancer detection through deep learning :A Review	International research journal of Engineering and Technology	2021-22
5	Ragini Sharma	Surveillance Drone	RECENT TRENDS IN PROGRAMMING LANGUAGES	2021-22

## STUDENTS ACHIEVEMENTS

### List of Toppers for the Academic Year 2021-22(Odd Semester)

#### SE Topper

Student name	Class	SGPA
Arai Faraha	SE	10
Bhogal Harshal	SE	9.87
Gojare Dnyeshwary	SE	9.87

#### TE Topper

Student name	Class	SGPA
Avhad Sanmay	TE	9.74
Gharat Sonal	TE	9.70
Ajagaovar Atharva	TE	9.61

#### BE Topper

Student name	Class	SGPA
Disha Haldankar	BE	9.69
Pooja Gund	BE	9.69
Bhavesb Patil	BE	9.69

## Great Achievement of Second year student:

- Vedh Dusa of Second Year of Information Technology Department secured 3<sup>rd</sup> rank in 10km race at pune swimathon



- Vedh Dusa of Second Year of Information Technology Department secured 7<sup>th</sup> position in a 3 km race, at 3<sup>rd</sup> Sea channel swimming Vijaydurg



- Vedh Dusa of Second Year of Information Technology Department secured 31<sup>st</sup> position. He finished 10km race at open water national champion ship organized by Swimming Federation of India.



## SCOE Avishkar 2022

Department of Information Technology Students of BE had participated in Avishkar 2022 and won **First Rank** by Shreyash Markad, Harshal Mayekar, Shivam more for the project title **AR based Menu card for multi cuisine restaurants** and **Second Rank** by Sahil Parange, Snehal Parange for the project title **AR cutpaste**.



## **University of Mumbai Avishkar**

**2022**

Department of Information Technology Students Patil Rutika Sanjay, Matre Rutuja Vishwanath, Mhatre Karuna Nityanand had participated and submitted research proposals at UG level for the Selection round of 16<sup>th</sup> Inter-Collegiate/Institute/Department Avishkar Research Convention 2021-22 for all engineering colleges of all districts zones by University of Mumbai and selected for final round.

Department of Information Technology Students had participated and submitted research proposals at UG level for the Selection round of 16<sup>th</sup> Inter-Collegiate/Institute/Department Avishkar Research Convention 2021-22 for all engineering colleges of all districts zones by University of Mumbai.

## **National Level Project Showcase**

Department of Information Technology of 3<sup>rd</sup> Year students Atharva Ajgaonkar, Mihir Narkar, Vivek Prajapati had participated in National Level Project Showcase at Vidyavardhini college of engineering on 13<sup>th</sup> April 2022.

## **National Level Project Competition at K J Somaiya Institute of Engineering**

Department of Information Technology students Atharva Ajgaonkar, Mihir Narkar, Vivek Prajapati, Soham Sandeep Balekar, Rutuja Viswanath Matre, Rutika Sanjay Patil, Rohit Satish Jawale, Niharika Ghali, Karuna Nityanand Mhatre, Disha Haldankar had participated in National Level Project Competition at K J Somaiya Institute of Engineering and Information Technology in association with IET Mumbai Local Network on April 16 2022.

## **Training Program under NIPAM**

Students of Information Technology Department had participated in Awareness/Training Program under National Intellectual Property Awareness mission on March 11 2022.

**Student involvement in industry internship at International Level  
for the academic year 2021-22:**

Name of the Program	Name of the Company	No. of Students
Internship	Biz4d Frankfurt, Germany	03

**Heartiest  
Congratulations !**

**Internship in Germany.**

Biz4d [www.biz4d.com](http://www.biz4d.com)

**DEPARTMENT OF COMPUTER AND INFORMATION  
TECHNOLOGY ENGINEERING**



**Harshal Bhogal**  
(IT)



**Sanmay Avhad**  
(IT)



**Jatin Tiwari**  
(IT)



**Anil Sahu**  
(CS)

**Selected as Interns at Biz4d Frankfurt, Germany**

# DESIGN TEAM

- Divya Tamma
- Madhumati Lotkar