



# ECHO

MKSSS's Cummins College of Engineering for Women, Pune  
Department of Computer Engineering Newsletter

DECEMBER 2022  
ISSUE 28

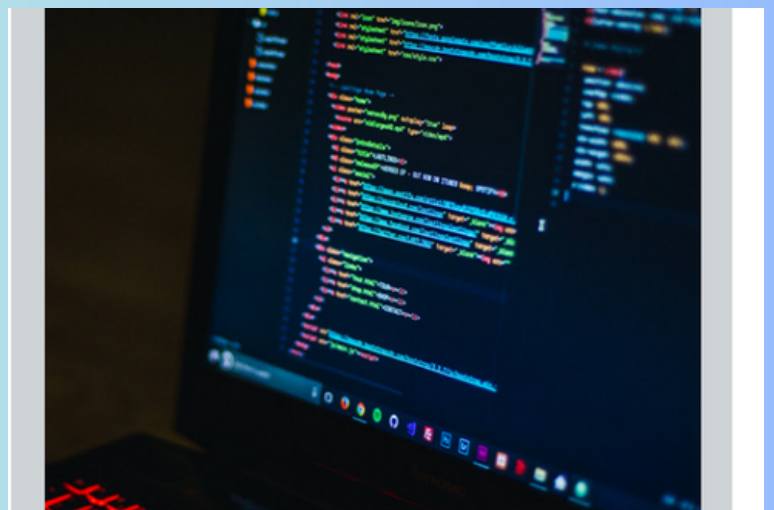


**"SOFTWARE IS A  
GAS; IT EXPANDS  
TO FILL ITS  
CONTAINER."**

**-- NATHAN  
MYHRVOLD**

## VISION

*TO EQUIP WOMEN WITH AN EXCELLENT  
EDUCATION IN COMPUTER ENGINEERING  
ENABLING THEM TO PLAY SIGNIFICANT  
LEADERSHIP ROLES IN TECHNOLOGY AND  
SOCIETY.*



## MISSION

1. Impart excellent education, necessary skills, training, and experimentation capabilities in the field of computer science and engineering.
2. Create a vibrant and intellectually stimulating environment for students to promote innovative and multidisciplinary real-world problem solving.
3. Develop women professionals and imbibe work ethics and leadership skills in them, thereby helping them pursue successful careers and contribute to science and technology.
4. Collaborate with industry and other universities to help create competent computer professionals.
5. Strive to fulfill the expectations of all relevant stakeholders.

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## PROGRAM EDUCATION OBJECTIVES

1. To prepare students for academic competence, to be employed as computer professionals, for industry, higher studies, research, entrepreneurship and to significantly contribute to the society at large.

2. To develop students' fundamental knowledge related to mathematics, science, computer science, computer engineering and to make them capable of providing solutions to challenging problems and multidisciplinary problems
3. To enrich students with soft skills, leadership skills, professional skills, and work ethics to make them good computer professionals and role models for future generations.
4. To prepare students capable of self learning, to have the ability to adapt to changes, and to possess the ability to understand the impact of engineering on society and humankind

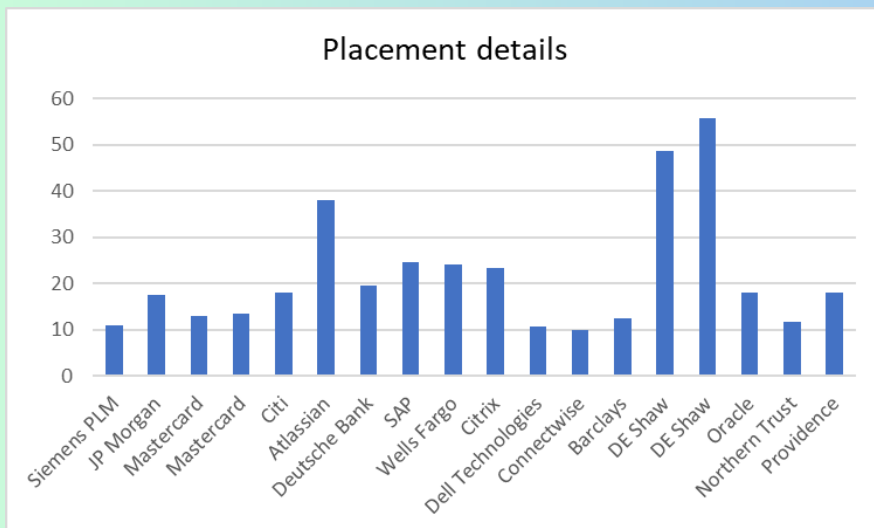
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## PROGRAM SPECIFIC OUTCOMES

1. Graduates capable of working in various domains, solving problems by applying knowledge and skills from Software Development, Networking, Databases, Internet of Things, and Embedded systems.
2. Graduates capable of developing, maintaining software services, software products, and embedded systems by applying the entire software development life cycle.

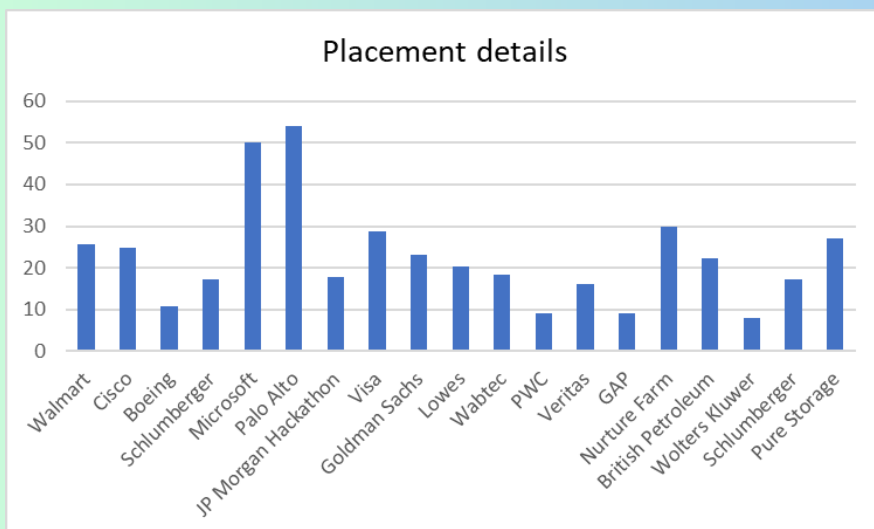
# Placement Details

CTC



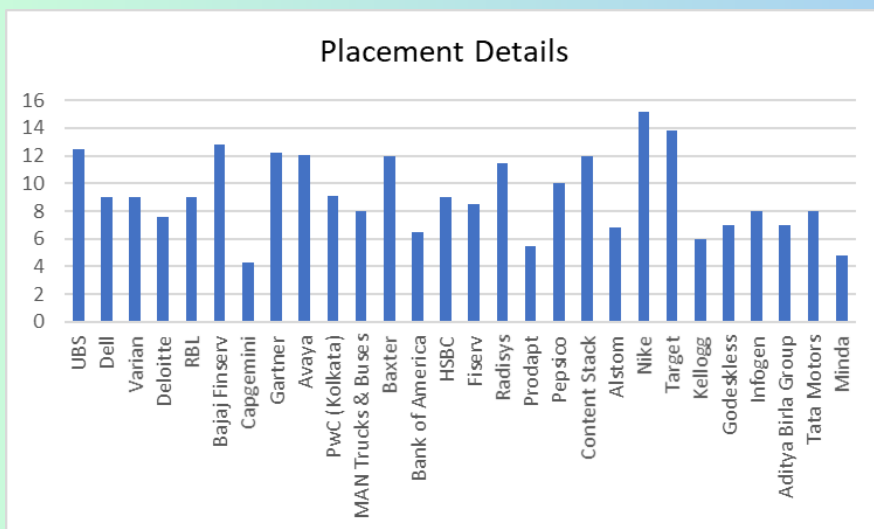
**Total Placement of  
AY 2022-23:  
96%  
(Approx)**

CTC



**Highest Package:  
55.75  
DE Sahw**

CTC



# Topper's List



## Final Year B.tech

Name of the Student	CGPA
RADHIKA WADEKAR	9.67
NUPUR SHAH	9.52
ANANYA JOSHI	9.44
ESHA JUGADE	9.41
ANANDAMAYEE MODAK	9.38

# Topper's List



## TY B.tech

Name of the Student	CGPA
SACHIN DIKSHA	9.72
GOYAL SONAKSHI	9.59
SHRIYA DESHPANDE	9.35
SWARANGEE APTE	9.33
SAYALI DESHMUKH	9.33

## SY B.tech

Name of the Student	CGPA
SANIYA DIGHE	9.77
SHREYA AGRAWAL	9.75
SANIYA MAHALLE	9.63
SONIA DESSAI	9.57
ISHA SHINDE	9.53

# Student Achievements



- **Co-curricular Activities**

- Parnavi Kulkarni, Mrunamyee Manmadka, Sanyukta Muley, Gargi Kulkarni won second prize in ASPIRE Project Competition (Veritas Project Group) held at MCOE, Pune.
- Mrinmayee Manmadkar, Gargi Kulkarni, Parnvi Kulkarni, Sanyukta Muley got the Excellence Certificate in Network Security in Convene - Project Competition held at Smt. Kashibai Navale College of Engg. Pune
- Reena Prasad, Pranita Barbade, Pranita Barbade, Akshada Malpure, Anushka Pawar got outstanding performances in Kedar Tumne Project Competition held at CCOEW, Pune.
- Jahnavi patil secured first place codefest held by IAS Integral Ad Science and CCEW , Pune
- Samiksha Tawde, Manisha Suryawanshi won third prize in NeuroHack-Mindspark 22 (Technical Fest) Hackathon held at COEP, Pune

# Student Achievements



- *Komal Vhanmane, Shreya Uttarwar, Disha bhoje, Shraddha Basarikatti team is selected in Top 7 finalists(out of total 36 teams ) in CRIF INDIA HACKATHON (24 hr hackathon) held at COEP, Pune.*
- *Mrunal Jambenal, Vidhi Bamare, Annada Dash, Vaidehi More, Shreya Watwe team won prizes (in Euros) & bonus prize in Hackathon (Bonus Level) (Team Name- Bug Bytes) held by TomTom Mapping & technology company,Pune*
- *Anisha Jain won the 2022 Spirit of Invention Scholarship Award (Avery Dennison Foundation) 1300\$ in Avery Dennison Scholarship held by Avery Dennison Foundation Spirit of Invention (InvEnt), India.*
- *Anusha Karwa secured All India Rank 8 position in the National Creativity Aptitude Test held by NCAT(National Creativity Aptitude Test), New Delhi.*

# Student Achievements



- **Extra - curricular Activities**

- Anandmayee Modak passed Goethe A1 Exam (German exam) with distinction (91/100 marks) conducted by Goethe Indien (Maxmueller Bhavan), Pune
- Sawari Shinde won a Bronze medal in the Asian Junior Classic powerlifting championship held by Asian Classic powerlifting Federation, Dubai.
- Sawari Shinde won a gold medal in Athletics - shotput and Powerlifting held by All India University Athletics championship, Kasaragod, Kerala.
- Anushka Pawar is the winner in Zest (Volleyball) held at College of Engineering, Pune.
- Gouri Lonkar is the runner up in Zest (Football) held at College of Engineering, Pune.
- Neha Patil is the runner up in Zest (Kho Kho) held at College of Engineering, Pune.
- Devashree Kute won third prize in Dance Competition held by United sambodhi organization trust - Dance Competition, Pune.





# *Faculty Data*

## **AWARDS / ACHIEVEMENTS**

Dr. Chhaya Gosavi awarded award by Vodafone VOIS for Tech University Engagement Program for valuable contribution towards enabling the future workforce become technically empowered and industry ready on 11 Nov 2022



# Faculty Data

## FACULTY AS A RESOURCE PERSON

Name of the Faculty	Description	Date	Venue
Prof. Hitendra Khainar	Expert for Paper Checking the central assessment program of M.E Comp Engg 2017 Course	13 Aug 2022	Shetkari Shikshan Mandal Bhivarabai Sawant College of Engg & Research
Dr Shilpa Deshpande	Reviewer for 2022 IEEE Pune Section International Conference (IEEE PuneCon 2022), December 2022.	15th December - 17th December 2022	I2IT & Persistent, Pune
Dr. Supriya Kelkar	NBA Program Expert for one day mock evaluation of Dept of Computer Engg	17th Aug 2022	RSCOE, Pune
Dr Shilpa Deshpande	Reviewer for 2022 IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS)	16th-18th Sept 2022	IEEE Computer Society Pune Chapter & IEEE Pune Section
Dr. Neeta Maitre	Reviewer for "IEEE International Conference on Blockchain and Distributed Systems Security 2022"(ICBDS	16 Sept- 18th Sept 2022	IEEE Computer Society Pune Chapter & IEEE Pune Section
Dr. Neeta Maitre	Resource person for Audio-text validation in MARATHI language in the SYSPIN Project in SPIRE Lab.	November 29, 2022	SPIRE Lab, IISc, Bangalore.



# Faculty Data

## FACULTY AS A RESOURCE PERSON

Name of the Faculty	Description	Date	Venue
Dr.Chhaya Gosavi	Paper Setter for Semester End Examination Dec 2022 for B.Tech Comp for Course Code 17BTCS603 and Course Name Principles of Compiler Design	Nov 27, 2022	MIT-ADT University
Dr.Chhaya Gosavi	Speaker in an international workshop CHluXiD 2022. "Review of HCI Curriculum in Asia" in Indonesia (Online	19 November 2022	Indonesia
Dr.Supriya Kelkar	Reviewer-Dec 2022-IEEE Transactions on Industrial Informatics	December 2022	IEEE Computer Society Pune Chapter & IEEE Pune Section
Dr.Chhaya Gosavi	Expert for Zonal Level Competition AVISHKAR 2022	5th December 2022	PCCOER,Pune
Dr.Chhaya Gosavi	External Examiner for T.Y.B.Tech, Comp 2020 Pattern (PR/OR/Project Exam, Sem-5 for Course Language Processor and Compiler Construction CSUA31201	8th December 2022	VIIT,Pune



# Faculty Data

## FACULTY AS A RESOURCE PERSON

Name of the Faculty	Description	Date	Venue
Dr. Chhaya Gosavi	Paper Setter for T.Y.B.Tech 2020 Pattern ( ESE Exam, Sem-5 for Course Language Processor and Compiler Construction CSUA31201)	8th Dec 2022	VIIT,Pune
Dr. Chhaya Gosavi	Reviewer for IEEE Pune Section International Conference 2022 (IEEE PuneCon 2022)	15th Dec- 17th Dec 2022	12IT & Persistent, Pune
Dr. Chhaya Gosavi	Session chair for IEEE Pune Section International Conference 2022 (IEEE PuneCon 2022)	15th Dec- 17th Dec 2022	12IT & Persistent, Pune
Dr. Neeta Maitre	Reviewer in the 2nd International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC -2022)	22th Dec- 24th Dec 2022	Dept of Computer Science Varanasi India
Prof. Pranjali Deshpande	Guest Speaker to deliver a speech on the topic " sanganakadware bhashavishleshan"	17th Dec- 18th Dec 22	Marathi Sahitya Parishad
Dr Supriya Kelkar	Reviewer at ANTIC-2022 : International Conference on Advanced Network Technologis and Intelligent Computing	22th Dec- 24th Dec 2022	ANTIC



# Faculty Data

## FACULTY AS A RESOURCE PERSON

Name of the Faculty	Description	Date	Venue
Dr. Supriya Kelkar	Session chair for IEEE Pune Section International Conference on Signal and Information Processing 2022 .	26th to 27th Aug 2022	COEP , Pune
Dr. Sandhya Arora	Worked as reviewer for "Journal of Computer Technology & Applications (JoCTA)"	Nov 2022	
Dr. Sandhya Arora	Delivered session on "Statistical Tools" for an "Online Refresher Course in Physics, Electronics, Computer Science and IT"	21st November 2022.	Nagpur
Dr.Sushila Shelke	Reviwer of manuscript # TIIS-AB-2022-Jun-0535.R1 entitled "RDNN: Rumor Detection Neural Network for Veracity Analysis in Social Media Text" for the KSII Transactions on Internet and Information Systems.	14th Nov 2022	KSII Transactions on Internet and Information Systems
Dr. Neeta Maitre	Technical Program Committee Member and Reviewer (CSCT 2022)	11th Dec -12th Dec 2022	SCRIL, South Asian University, India



# Faculty Data

## BOOK / BOOK CHAPTER PUBLICATION

Author	Book / Chapter Title	Publication	Year
Dr.Sandhya Arora	Blockchain for Smart Systems	Taylor and Francis Group	July 2022
Prof. Sharayu Mirasdar	Chapter : Graph of Words Model for Natural Language Processing	Taylor and Francis, CRC press [Scopus indexed]	Dec 2022
Prof. Jyoti Bangare (chinchole)	Information storage and retrieval (SPPU, Pune) Final Year (IT)	Nirali Prakashan	October 2022
Prof. Jyoti Bangare (chinchole)	Mobile computing (SPPU, Pune) Final Year (Comp.Engg.)	Nirali Prakashan	October 2022



# Faculty Data

## RESEARCH PUBLICATION

Author	Type of Journal / Conference	Topic Name	Date	Volume / Issue
Mrs. Varsha Pimprale	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	An Awareness of Superfoods for Healthy Lifestyle using Digital Marketing	July 2022	ISSN: 2278-3075 (Online), Volume-11 Issue-8 <a href="https://www.ijitee.org/portfolio-item/h91690711822/">https://www.ijitee.org/portfolio-item/h91690711822/</a>
Dr. Sandhya Arora	7th International Conference on ICT for Sustainable Development organized by Global Knowledge Research Foundation (ICT 4SD)	AI based Interview Agent	July 2022	SCOPUS
Dr.Sunita Jahirabardkar	7th international congress on Information and Communication Technology, proceedings in Lecture notes in Networks and Systems (Springer )	"Survey on precision agriculture in Indian Context for Effective Fertigation using learning techniques"	July 2022	SCOPUS
Dr.Sunita Jahirabardkar	2022 IEEE Bombay Section Signature Conference (IBSSC)	A Survey on Image Processing based Techniques for Space Debris Detection	08-10 December 2022	SCOPUS



# Faculty Data

## RESEARCH PUBLICATION

Author	Type of Journal / Conference	Topic Name	Date	Volume / Issue
Dr. Shilpa Deshpande	International Journal of Cloud Applications and Computing (IJCAC)	Trust Evaluation and Prioritization of Cloud Service providers using MADM Methods	July 2022	Volume-12, issue-1 <a href="http://doi.org/10.4018/IJCAC.30521">http://doi.org/10.4018/IJCAC.30521</a> Scopus Indexed
Prof. Jyoti Bangare	Hindawi Journal of Food Quality Volume 2022	Investigation of Diabetes Care in Elder Individuals Using Artificial Intelligence	2 August 2022	Article ID 8760032, 7 pages <a href="https://doi.org/10.1155/2022/8760032">https://doi.org/10.1155/2022/8760032</a> SCOPUS
Prof. Jyoti Bangare	Hindawi Journal of Computational Intelligence and Neuroscience	Development of Machine Learning and Medical Enabled Multimodal for Segmentation and Classification of Brain Tumor Using MRI Images	24 August 2022	Volume 2022, <a href="http://doi.org/10.1155/2022/7797094">http://doi.org/10.1155/2022/7797094</a> SCOPUS
Dr. Supriya Kelkar	International Conference on Signal and Information Processing, IConSIP 2022, IEEE, College of Engineering, Pune, India	"Ensemble Classification Model for Prediction of Heart Disease"	Aug 26-27 2022	SCOPUS





# Faculty Data

## RESEARCH PUBLICATION

Author	Type of Journal / Conference	Topic Name	Date	Volume / Issue
Dr.Sandhya Arora (Certificate given)	Algorithms, Computing and Mathematics conference 2022 held at Chennai	"Stock Market Technical Analysis using Japanese Candlesticks and Machine Learning"	29th Aug 2022	-
Dr Supriya Kelkar and Dr Shilpa Deshpande	2022 IEEE GLOBAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GlobConPT)	"Mitigating IoT attacks in Smart Medical Systems: A Machine Learning based Approach"	23-25 Sep, 2022	SCOPUS
Prof. Jyoti Bangare	Measurement: Sensors Published by Elsevier Ltd	IoT based Smart Parking Model using Arduino UNO with FCFS Priority Scheduling	13th Oct 2022	SCOPUS
Dr.Sunita Jahirabadkar	Springer Proceedings of 6th international Conference on Information and Communication Technology for Intelligent Systems	"Color feature extraction based near duplicate video retrieval"	Conference in April 22-23, 2022, Proceedings in Oct 2022	SCOPUS indexed



# Faculty Data

## RESEARCH PUBLICATION

Author	Type of Journal / Conference	Topic Name	Date	Volume / Issue
Dr. Sunita Jahirabadkar	International Journal of Computing and digital systems	"Support vector machine based multi view hashing approach for near duplicate video retrieval"	December 2022	SCOPUS
Dr. Chhaya S. Gosavi and Dr. Sandhya Arora	Journal of Engineering Education Transformation	Active Learning Strategies for Engaging Students in Higher Education	December 2022	Volume No 36, Special issue, eISSN 2394-1707, pg. 1 - 7 Scopus Indexed
Dr Mahendra Deore, Hitendra Khairnar, Dr Chhaya Gosavi	Journal of Engineering Education Transformations	"A Comparative Analysis of Traditional and Electronic Learning Systems and Their Applications"	December 2022	Volume No 36, Special issue, eISSN 2394-1707, pp- 25 - 37, Scopus Indexed
Dr Supriya Kelkar, Dr.Shilpa Deshpande	2022 IEEE Pune Section International Conference (IEEE PuneCon 2022)	Phishing Attack Detection on Text Messages Using Machine Learning Technique	16th December 2022	Scopus Indexed



# Faculty Data

## WORKSHOP ATTENDED

Name of Faculty	FDP / STTP	Date	Organized By	Duration	Details
Dr Sunita Jahirabadkar Prof. Sakshi Mandke Prof. Pranjali Deshpande	FDP (Online)	20 June-1 July 2022	NIT Warangal , JSS Academy of Technical Edu, Bengaluru	40 Hrs	" Python programming for AI, HPC and Data Analytics"
Mrs Rita Patil, Dr Sunita Jahirabadkar , Prof. Sakshi Mandke, Prof. Pranjali Deshpande	FDP (Online)	4th July-14th July 2022	NIT Warangal and SRCEM, Nagpur	2 Weeks	"Machine Learning, Artificial Intelligence and its Applications"
Mrs. Meenal Kamlakar	FDP (Online)	18th July to 23rd July 2022	VIT, Pune	1 Week	"Recent Trends in Computations"
Prof. Nilofer Kittad	Workshop (Online)	30 July 2022	SCET,MIT, IET LN,Pune	1 day	"Research Paper and thesis writing"
Prof. Meenal Kamlakar	FDP	2nd Aug to 6th Aug 2022	MET , ICS	1 Week	"Machine Learning and Deep Learning using python"
Prof. Sharayu Mirasdar, Prof. Nilofer Kittad, Prof. Jyoti Chinchole	Workshop (Online)	24-25 August 2022	STES Sinhgad Academy of Engineering Kondhawa BK.	2 days	"Rsearch pathway and preparation of research article and research methodology"



# Faculty Data

## WORKSHOP ATTENDED

Name of Faculty	FDP / STTP	Date	Organized By	Duration	Details
Dr. Sheetal Berekar, Prof. Jyoti Bangare, Prof. Shilpa Pant, Dr. Sushila Shelke, Prof. Sharayu Mirasdar, Prof. Nilofer Kittad, Dr. Shilpa Deshpande	FDP (Online)	23rd August, 2022 to 27th August, 2022.	MMCOE	1 Week	"Fundamentals of DevOps"
Prof. Jyoti Chinchole	FDP (Online)	19th-24th Sept 2022	AISSMS	1 Week	"Deep Learning With Python"
Prof. Jyoti Chinchole	FDP (Online)	19th-24th Sept 2022	AISSMS	1 Week	"Deep Learning With Python"
Dr. Neeta Maitre	NPTEL	JUL-SEP 2022	NPTEL, Ministry of HRD, Govt. of India	8 Weeks	FDP On Consumer Psychology
Prof. Jyoti Chinchole, Prof. Nilofer Kittad	Workshop	13-17 Oct 2022	IS&BM	1 Week	



# Faculty Data

## WORKSHOP ATTENDED

Name of Faculty	FDP / STTP	Date	Organized By	Duration	Details
Prof. Nutan Deshmukh , Prof. Varsha Pimprale, Dr. Neeta Maitre	FDP	1st - 5th Nov 2022	VIIT, Pune	5 Days	5 days FDP on " Data Science: Tools and Research"
Mr Hitendra Khainar	NPTEL	July- Oct 2022	NPTL-AICTE	12 Weeks	Cloud Computing
Dr Anjali Naik	FDP	30th Nov to 1st Dec 2022	Chitkara University Punjab	2 Days	Adoption of NEP Modules in academic curriculum
Prof. Nutan Deshmukh , Prof. Varsha Pimprale, Prof.Rakhi Dongaonkar	FDP	26 to 31 December 2022.	PCCOER	1 Week	"Industry 4.0 Technologies and Research Trends"

# Guest Lectures



Topic of Session	Date	Name of Speaker	Audience	Name of the faculty who arranged the session
Computational Complexity Classes	7th and 8th September 2022	Dr. Abhijat Vichare, Adjunct Professor, ACM	Third-year Computer Engineering	Dr. S.V. Tikhe, Mrs. Aparna Hajare, Mr. Hitendra Khairnar
7 days - Cyber Security Workshop	26th ,27th September , 31st October , 7th ,10 th 15th, 17th November 2022	Mr. Prince speaker from Vodafone Intelligent Solutions (_VOIS)	Final Year Students	Mrs. Aparna Hajare, Mrs Priya Deokar, Dr. Sheetal Barekar, Mrs. Anuja Kulkarni
sessions on ReactJS	31 Th October and 2nd November 2022	Ms. Muskan Nechlani, Developer, Credit Agricole, Singapore	Third-year Computer Engineering	Dr. Chhaya Gosavi and Priya Deokar
"Practical Software Testing"	25th November 2022.	Mr. Sachin Waikar, Zensor	Third-year Computer Engineering	Dr.Anjali Naik, Prof. Shilpa Pant
Co-teachning sessions on Functional Programming	6, 7, 8, 10 and 11 October 2022	Dr. Abhijat Vichare	Second-year Computer Engineering	Prof. H. S. Khairnar, Prof. Rakhi Dongaonkar, Prof. Ashwini Rajurkar

# Professional Bodies



## ACMW

Name of Events	Date	Resource Person / Organization/Participation	Participation
ACM Convention - Enigma, Devcup Hackathon	28th - 29th, September 2022	VIIT, Cummins, MMCOE, PICT, AISSMS ACM Chapters	All Engg students from different colleges of pune region
Code-IT, Competitive coding competition	26 Nov 2022	ACMW- CCEW, regional event for all streams	All Engg students from different colleges of pune region

## CSI

Professional societies/ chapters and organizing engineering events	Date	Resource Person / Organization/Participation	Participation
Intercollegiate Quiz Competition 2.0 - Techno-Fever!	8th November 2022	CSI student chapter, CCEW	Students of CCEW, VIIT pune, PVG , BMCC college

# Our Team

## Faculty Co-ordinator:



Mrs. Sakshi S.  
Mandke



Dr. Shubhangi  
V. Tikhe

## Designing and Editing Team :



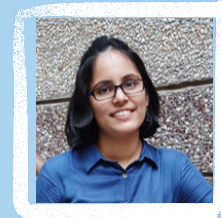
Ms. Aishwarya A.  
Patankar



Ms. Disha Nikte



Ms. Shruti  
Shende



Ms. Sonakshi  
Goyal



Ms. Akshada  
Malpure

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