

TECHNOSITES

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING



PLACEMENTS



ACTIVITIES



ACHIEVEMENTS

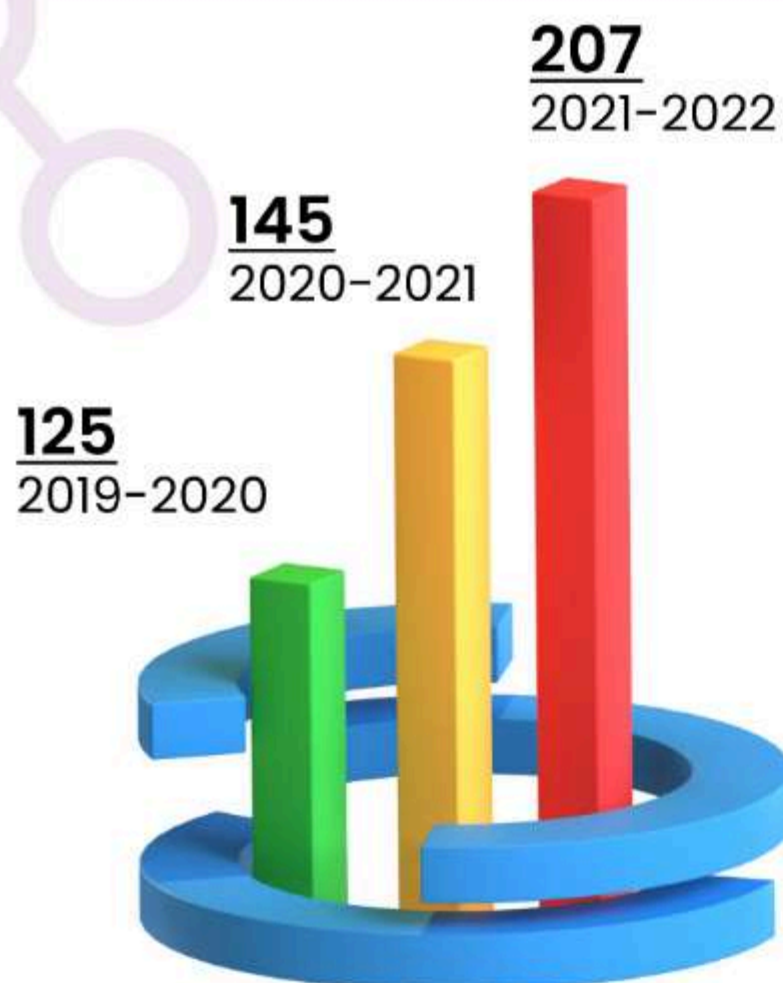


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CURRICULUM

- 01** Fine tuned curriculum to meet industry requirements.
- 02** Dedicated courses for personality development
- 03** B.Tech honors, minor courses and choice of selecting professional & open electives.

PLACEMENTS



Placement count for the last 3 years

EXTRAORDINARY STAFF

7 PHDs and 30+ highly qualified, experienced and dynamic teachers

DIVERSE FACILITIES

- 01** Dedicated facilities for IoT, AI/ML, Robotics & AR/VR technology.
- 02** 15 state of the art laboratories.
- 03** Student associations- ACSES & CSI

- 01** Highest placements in western Maharashtra:

- Amruta Karande- 41 LPA
Adobe
- Divya Tawade- 17 LPA
BNY Mellon

- 02** Rich alumnus base contributing in internships, placements & curriculum design.

Dean Academics | Head of Department, CSE:
Dr. Ajit S. Patil

MILESTONES ACHIEVED

MORE TO COME

2022
SIH 2022
Nodal Centre

2020
ARVR Lab
and activities

2019
Increase in
intake with 180

2018
NBA
Reaccreditation

2017
Autonomous
Status

2015
NAAC
accreditation

2010
Outreach
Remote Centre
from IIT Bombay

2008
First NBA
accreditation

1999
Year of
establishment

DEPARTMENTAL ACTIVITY

SMART INDIA HACKATHON



In association with the Indian Ministry of Education, Innovation Cell and Government of India, KIT's College of Engineering successfully organized the Grand Finale of the National Level Smart India Hackathon- Software Edition on 25th and 26th of August 2022. Smart India Hackathon is a nationwide initiative that provides a platform to the students to solve some of the pressing problems in our daily lives and thus inculcate a mindset of problem-solving and a culture of product innovation.

26
Teams

250
Students

15
States

36
Hours

On the early morning of 25th August, the event began with the inauguration ceremony, locally hosted by Ms. Kshitija Tashi and telecasted on college socials.

Honorable chief guests for the inauguration and valedictory event:

- Mr. Abhijit Salokhe: Services leader of BV operations Black and Veatch Pvt. Ltd.
- Mr. Gajanan More: Vice President HR at TATA AutoComp Systems Ltd.
- Mr. Hrishikesh Dhande: Academic Relationship Manager at TCS
- Mr. Sunil Kulkarni: Chairman KITCoEK
- Mr. Dipak Chougule: Secretary KITCoEK
- Dr. Mohan Vanrotti: Director KITCoEK
- Dr. Vilas Karjinni: Executive Director KITCoEK
- Dr. Manoj Mujumdar: Registrar KITCoEK
- Mr. Sajid Hudli: Vice Chairman KITCoEK
- Mr. Ajit S. Patil: Head of KIT-SIH 2022
- Mr. Ajay Kapse: Nodal Coordinator KIT-SIH 2022
- Mr. Arun Desai: Nodal Coordinator KIT-SIH 2022.

The winners of SIH 2022, Nodal Centre-KITCoEK:

S. No.	Team Name	Institute Name	Problem Statement	State
1	Optimizers#REWA	Rewa Engineering College	SH1002	Madhya Pradesh
2	Team Igniters	Amity University	SH1003	Uttar Pradesh
3	8 BIT	Pimpri Chinchwad College of Engineering	SH1005	Maharashtra
4	Code Of Duty1	Amrita School of Engineering	SH1016	Tamil Nadu

SIH 2022 KITCOEK



EVALUATION



INAUGURATION





FOOD



WINNERS OF SIH 2022



FACULTY SECTION

HEAD OF DEPARTMENT



There are two components:

- the scientific component and
- the engineering component.

At the breadth level, we will cover all subjects, some of which will be covered through open electives. You will also be attempting to give justice to the interdisciplinary branches through open electives to project seminars, workshops, project-based learning (PBL), and various internships at the end of the course.

1997

Diploma

2000

Graduation

Govt. College of
Engg, Aurangabad



Dr. Ajit S. Patil
Dean Academics | HOD, CSE

My **specialisation** at Babasaheb Ambedkar Technological University is mobile communication. During that time I designed several mobile communication algorithms. For my **PhD**, I worked on a delay-tolerant network. A delay-tolerant network (DTN) is a network that is designed to operate effectively in harsh environments and over long distances, such as in space communications.

I had a strong desire to teach, so I applied for a teaching position, went through the interview process, and have been working at KIT College ever since.





HOD's Message for the students

Students should not limit themselves to the classes. Yes, academics are important, but they should also use the time they get to form groups, participate in clubs, exchange ideas and thoughts, and convince people of their ideas and thoughts. They should also be open to all the challenges in the world because they are competing not only with students in our college, but with students all over the world internationally.

Look beyond the syllabus and invest your time.

Students should spend their time after 4:15 PM and not limit to 9 to 4. Stretch yourself because you have a lot of energy and potential that isn't being used properly because you don't know what you're capable of. The brighter future is in the hands of a lifelong learner.

Thoughts about Technosites

So Technosites will benefit everyone, not just students, but also parents, faculty, and other members of society. There are many things in the IT industry that people are unaware of who will benefit from this newsletter as we will be conducting many activities under this. Outside the department people are unaware of the activities conducted. English news will provide publicity to the activities and appreciation to those who are conducting the activities and the documentation of the activities which will be the sweet memories to cherish after a decade.

FACULTY ACHIEVEMENTS

Heartfelt congratulations to

- Prof. T. B. Patil
- Prof. S. B. Patil
- Prof. A. S. Sawant

for successfully completing their certification in Database Management System.



Heartiest congratulations to Prof. Shekhar Jalane for emerging in the top 5 in Eduskills course.



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to
TANAJI BHAUSO PATIL



for successfully completing the course

Data Base Management System

with a consolidated score of **92 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Aug-Oct 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22CS91S33750131

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SAMEER BHIMRAO PATIL
for successfully completing the course



Data Base Management System

with a consolidated score of **75 %**

Online Assignments	22.29/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **3478**

Aug-Oct 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS91S43750270

To validate the certificate



No. of credits recommended: 2 or 3

COMMITTEE INSIGHTS

TECHNOSITES



CORE TEAM:

- Ketan Kokitkar
- Hrishikesh Kole
- Heramb Gurav
- Sejal Vaswani
- Shreaya Panditrao
- Manasi Chougule



MENTORS:

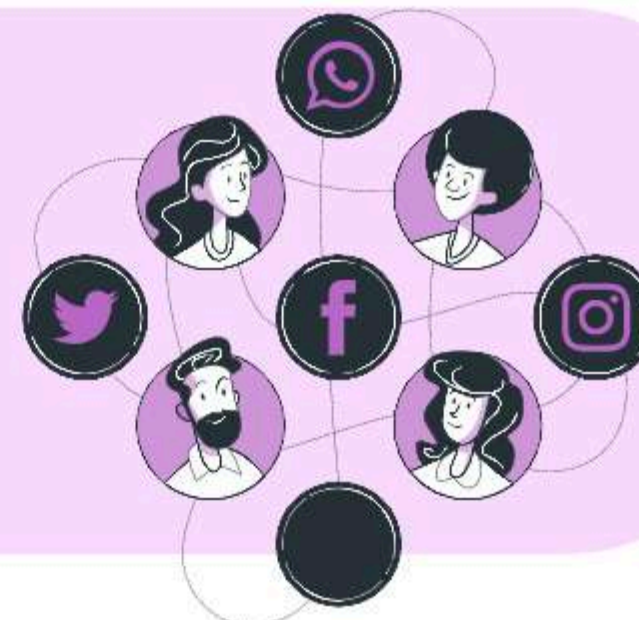
- Dr. Ajit S. Patil
- Dr. Kapil Kadam

WELCOME ABOARD TY TEAM:

- Shriraj Khochage
- Vivek Sutar
- Samruddhi Bhole
- Nilam Kumbhar
- Anushka Bhoy
- Pranav More
- Shraddha Jadhav
- Aarya Teli
- Hritwik Shirolkar

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Department of Computer Science & Engineering



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INDEX

1 PBL DAY

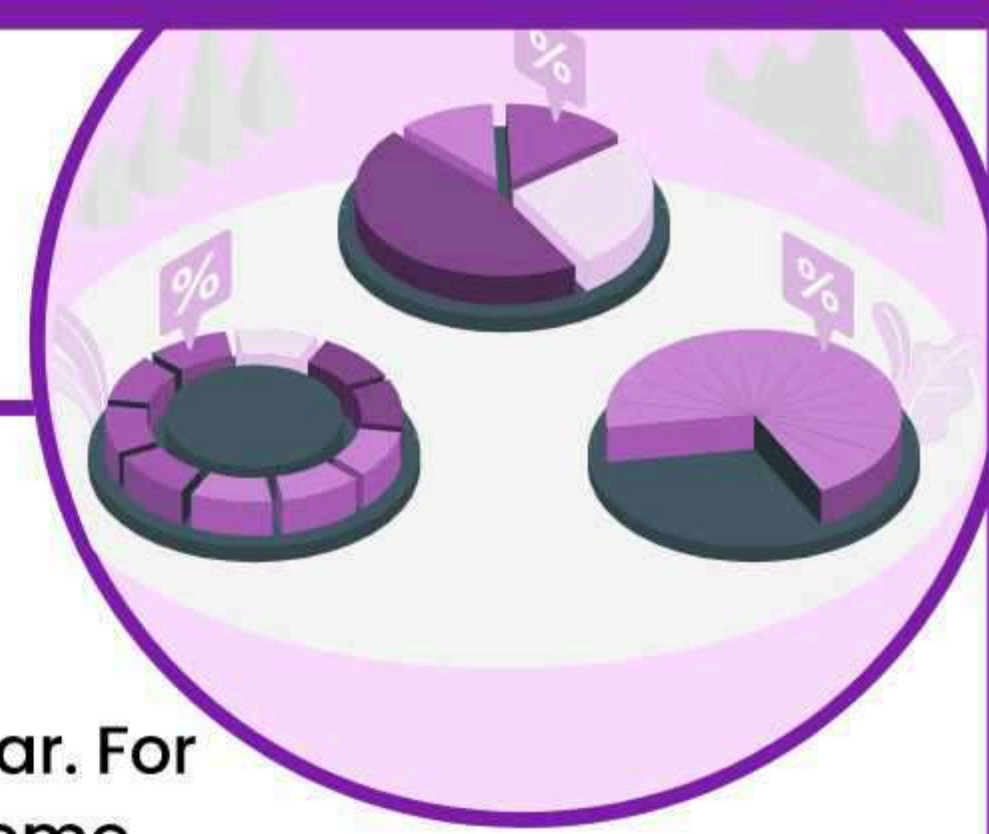
2 FACULTY INTERVIEW

3 STUDENT INTERVIEW

4 KITCOEK CLUBS

PBL DAY 2022

ORGANIZED ON 4TH OF DEC



Our college organizes PBL day in a month of December every year. For this activity students have to form a groups and then prepare some projects respective to the given subjects. For 2022, Students from third year and last year worked on subjects Database management system and Advanced Database System Lab respectively.

Lets take a look of CSE department PBL winners.

Third Year : Faculty Guidance by Dr. Grantej Otari sir

External Evaluator – Mr. Abhishek Bhosale, Software Engineer- epam solutions

Winners

Team members – Prathmesh Adate, Swaroop Chavan, Paras Patil, Tahura Shaikh, Shweta Tingare

Topic name – Digitalization of Medical Records

Short brief – Main aim to provide efficient system for maintaining medical records.

Proper backup policies increase the lifespan of health records of individual.

Safe access, audit and authorization control mechanisms.

Paperless medical history that can be accessed anywhere anytime.



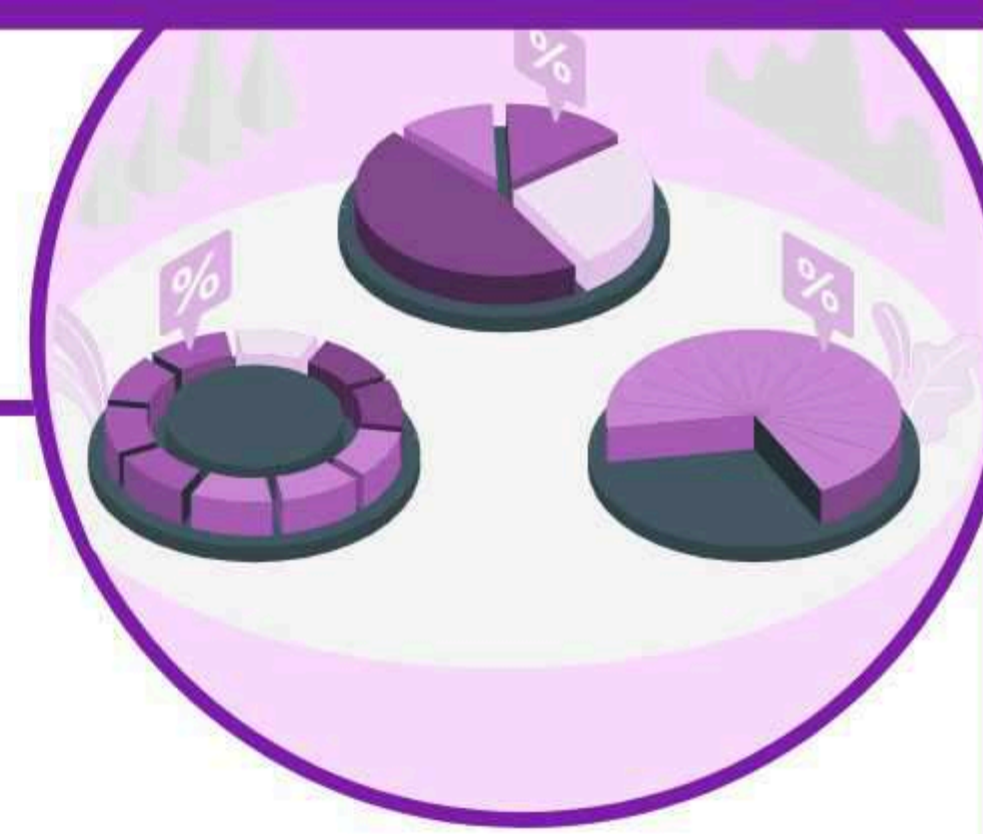
First Runner up



Team members – Aarya Teli, Jatin Sawant, Saira Sanadi, Krutik Ukande.

Topic name – Payroll Management System

Short brief – Aim is to design an automatic system that will store the employee data of a particular organization, such as attendance, salaries- deductions and allowance. Initiating the payroll process on demand based on a selected list of employees. Storing information about approximately 2,000 company employees. The system must enable employees to maintain their direct deposit information.



Second Runner up

Team members – Sudhnwa Ghorpade, Sindhuja Karjinni, Amit Khadke, Pranav Salokhe.

Topic name – **Oversee School Management System**

Short brief – Implementing a solution which will give access to all the information that they get it in traditional mode, automated triggered mail to inform parents.

Ubiquitous System, Single Robust and Integrated System, Online Platform, Reduce File

System because data will stored into database.

B Tech : Faculty Guidance by Assi. Prof. Sandeep Sagare
External Evaluator – Swaliya Naikwadi (Singapore-Press Holdings media)

Winners

Team members – Om Sanjay Phatak, Pratham Mohan Patil, Vinayak Prakash Mali.

Topic name – **Trip Management System**

Short brief – Implement an Advanced Database for trip managements system. Where objective is Manage all details of clients who registered and requested for getting the service, To digitalize the system for both user's and driver's ease, View all the details of the clients and employees (drivers), Getting a rating from the client to facilitate a reward facility for employee.





First Runner up

Team members – Samruddhi Phutane, Ashwith Bhatt, Harnish Savsani.

Topic name – “**KOUSHALYA**” A Skilled Workers Platform

Short brief – To build a comprehensive web platform for skilled workers and society.

Problem Solver Bridge between workers and society.

Increase Job Opportunities.



Second Runner up



Team members – Omkar Ghate, Siddhesh Bhosale, Siddhesh Alagade, Rupesh Patil.

Topic name – **Pharmacy Management System**

Short brief – Create an effective software to help the pharmacist to maintain the records. Where main objectives are To gain practical experience by modelling a software based on real world problem. To develop an application that deals with the day-to-day requirement of any pharmacy. To handle the inventory details like sales details, purchase details and stock expiry and quantity.



FACULTY SECTION

PROF. T. B. PATIL

Educational qualification and experience in KIT :



Talking about my educational qualification, I completed my **Diploma in Computer Engineering** in 1997. I worked for 2 years after that and then I completed my degree i.e. **B.E. in Computer Science and Engineering**. After graduation, I joined KIT in January 2004. While serving here, I completed my post-graduation, **M.E. in Computer Science and Engineering in 2010**.

Now talking about my experience at KIT, as I mentioned, I **joined KIT in 2004**. Since then I'm associated with KIT. Initially I was working with Department of Information Technology. Later that was merged into Computer Science and Engineering. Talking in terms of my experience, actually I came in this profession accidentally. I basically didn't want to be a teacher. But when I joined then after say three, four semesters, I enjoyed teaching and then I decided to continue with this profession. Well, talking in terms of enjoyment, definitely I'm enjoying a lot as long as this profession is concerned.

Recently achieved the certification in DBMS from NPTEL.



Prof. T. B. Patil
Associate Professor
Computer Science and
Engineering

2004

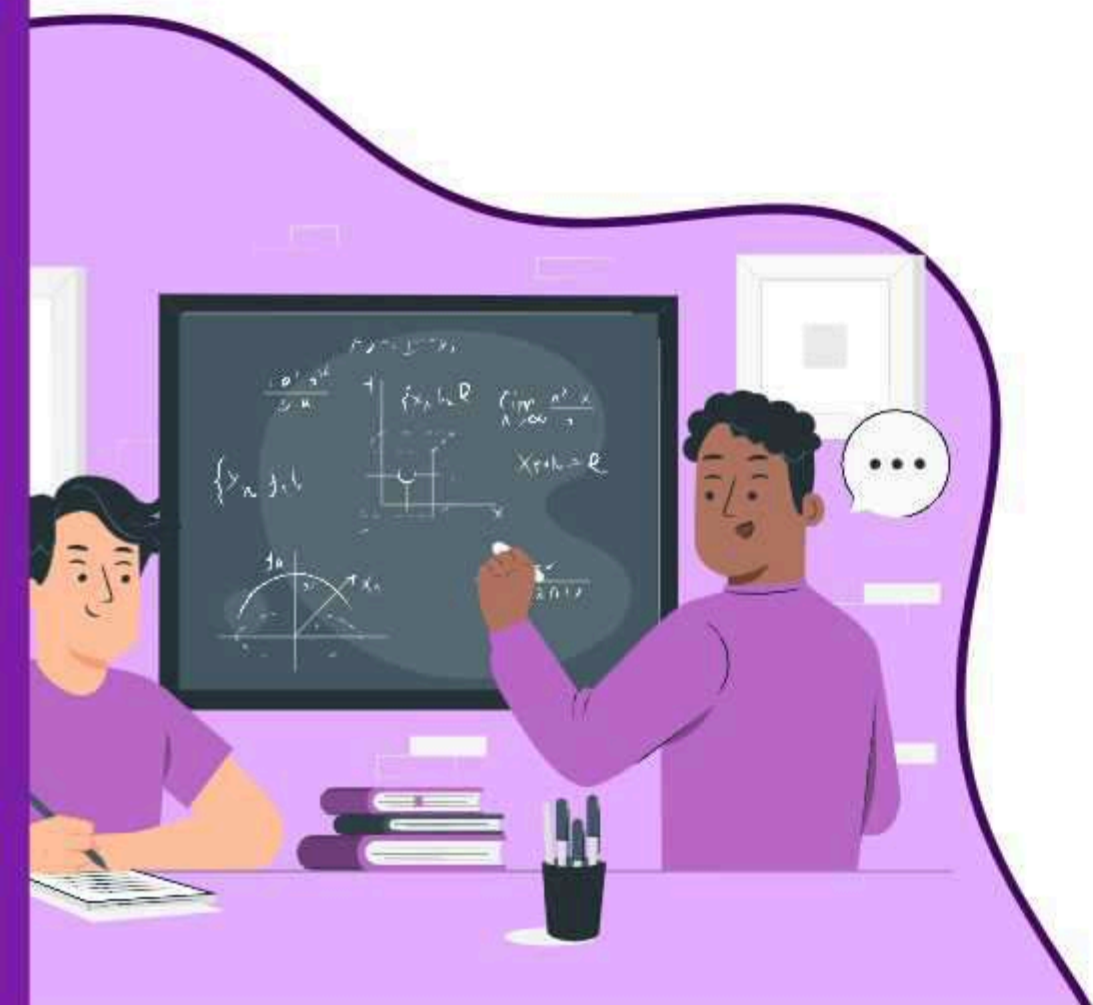
January
Joined KIT

2010

M.E in
Computer Science
and Engineering

Which is your special teaching subject in CSE? And what are the career opportunities in it?

Frankly, I like **web development**, but I never taught that course. But the course I taught which I enjoyed is Object Oriented Programming a lot. **OOP is my favorite course**. As far as the Computer Networks part is concerned, I like socket programming and the application layer protocols, not simulating it, but actually implementing different servers and writing clients for that. Because see, that is what is happening in real life. One more subject I would like to mention is Operating Systems. So I've been teaching that also for the last 5, 6 years. Whenever we are talking about operating systems, we think it is purely theoretical. But it is not like that. Whatever the concepts are there with especially open source operating systems, we can see those concepts in real life. So these are a few subjects to mention.





Recently you achieved the certification in DBMS from NPTEL. How was your experience regarding it?

“

Okay, I would like to answer this question on two fronts. One thing is why I selected DBMS and second thing is why I selected NPTEL for this certification. Reason behind that was to have a database design especially for doing normalization and all that stuff. That is the reason I selected DBMS because I never taught this subject before. Second thing is why I selected NPTEL because the process of certification is rigorous, like each and every week there is assignment and then lots of activities are given and then proper certification is given after examination.

My experience with this was really interesting because in recent times, I have not done any certification. So I enjoyed it on both the ends. First thing is while studying it and second thing is when I got the result where I was in top 1% of achievers. So in all experience for this entire course was really nice.

Today's needs, future scope and career opportunities in CSE

See, talking in terms of career opportunities in computer science, yes, it will be always there. So definitely because lots of automations are going on, what will change is just the technologies. Like previously we were working on ERPs, then SAPs. Now the trend is something like machine learning or data science or data analytics, maybe IoT, maybe hybrid kind of a thing where we need to work on cross branches. So scope will be always there.

Now, talking in terms of need, you must be lifelong learner because this is a very fastly changing branch in which technologies are coming every day. So you need to update yourself always. Now, whenever I am observing students, being in this profession for almost 18 years, the difference I am looking especially with the students is that they are expecting a lot with less investment in time. Especially like maybe completing assignments or whatever the time they are actually giving for study. Their expectations are lot, of course, there is nothing wrong with that. But what students should think is something like say for example, if they are working in this profession after completion of degree. What I suggest is these two years especially, Second year and Third year are actually investment. So they need to invest their time. If they invest it properly, definitely their life will be very good in professional career.



STUDENT SECTION

INTERVIEW



Omkar Ghate
Student, KITCOEK

PROFILE

Name: Omkar Ghate
Company: Tejas Networks
Package: 10 LPA
Job profile: Research and Development Engineer

ABOUT COMPANY

TEJAS NETWORKS:

Tejas Networks is an optical, broadband and data networking products company based in India. The company has built many IPs in multiple areas of telecom networking and has emerged as an exporter to other developing countries including Southeast Asia and Africa. Tejas has filed for 349 patents, of which 127 have been granted.

HOW DID HE ACHIEVE THIS MILESTONE ?

- He cleared all the fundamentals concepts related to computer networks, Operating system, Database management system, programming languages (C++, Java)
- He used to practice coding on the platforms like LeetCode, Codeforces and Codechef (competitive programming)
- He has always been touched with Data structure and algorithm which is highly valued during interviews.

EXPERIENCE OF INTERVIEW

Total rounds:

- **Aptitude(online)**
- **Coding round(online)**- coding part divided into 2 sections. First is pure technical and second one is for fundamentals OS, CN, DBMS
- **Technical rounds**
 - A) **Technical round 1**- Questions asked on these domains=OS,CN,DSA
 - B) **Technical round 2**- DSA higher concept like BST
- **HR round**- Family background, company fact checking, family background, situation based questions

His suggestions for students who are in SY, TY is to grab higher packages

KITCOEK CLUBS



1 ACSES (Association of Computer Science & Engineering Students)

FACULTY CO-ORDINATOR - Mr. ARUN DESAI
PRESIDENT - RUCHA JADHAV
VICE PRESIDENT - KETAN KOKITKAR



ACSES organizes events & workshops to encourage students to learn trending skills & technologies and also provide educational resources to promote self-learning. ACSES is the leading committee which takes part in handling all the events of CSE department, including the mega coding event at PIONEER KITCOEK techfest.



2 WWW(Walk With World)

FACULTY CO-ORDINATOR - Mr. PRAMOD PATIL
PRESIDENT - RUTWIK DESHPANDE
VICE PRESIDENT - ISHA SHAHA

- Established in 2012.
- WWW is entirely into and for the development of students in all aspects.
- WWW organizes sessions and events such as KIT Model United Nations, an international platform for students to debate, discuss, and resolve international disputes worldwide.
- **Abhigyan** is an international student conference conducted by WWW team, which aims at providing young minds a platform to interact with eminent personalities.



KITCOEK CLUBS



3

E-CELL (Entrepreneurship Cell)



FACULTY CO-ORDINATOR - Ms. VIDULA WASKAR
PRESIDENT - ANIKET WALAKE
VICE PRESIDENT - PRACHI KHATAVKAR



- **Mission:** To develop an effective interface between incubators, industry and start-ups for identifying, promoting and nurturing innovative ideas to develop commercialization of science & technology in the institute for mutual benefit.
- Aims to build an entrepreneurial environment
- Promotes Entrepreneurship Conducts workshops, competitions, visits, sessions, etc
- Nurtures students startups



COMMITTEE INSIGHTS

TECHNOSITES



CORE TEAM:

- Ketan Kokitkar
- Hrishikesh Kole
- Heramb Gurav
- Sejal Vaswani
- Shreaya Panditrao
- Manasi Chougule






MENTORS:

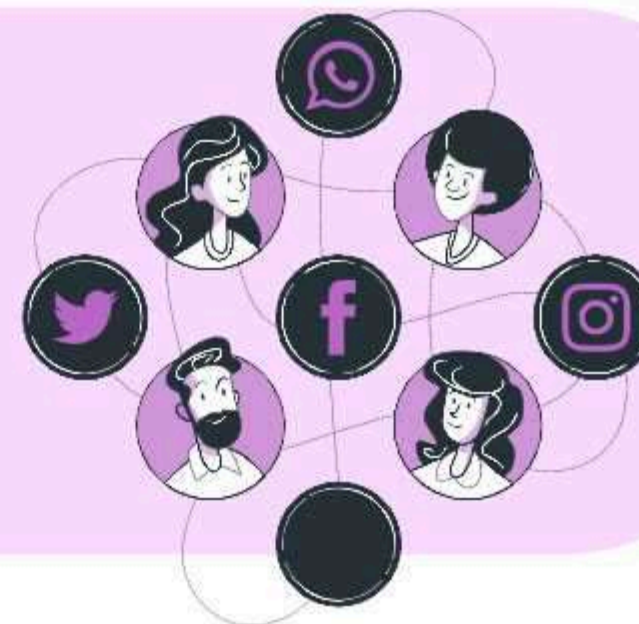
- Dr. Ajit S. Patil
- Dr. Kapil Kadam

TY TEAM:

- Shriraj Khochage
- Vivek Sutar
- Samruddhi Bhole
- Nilam Kumbhar
- Anushka Bhoy
- Pranav More
- Shraddha Jadhav
- Aarya Teli
- Hritwik Shirolkar

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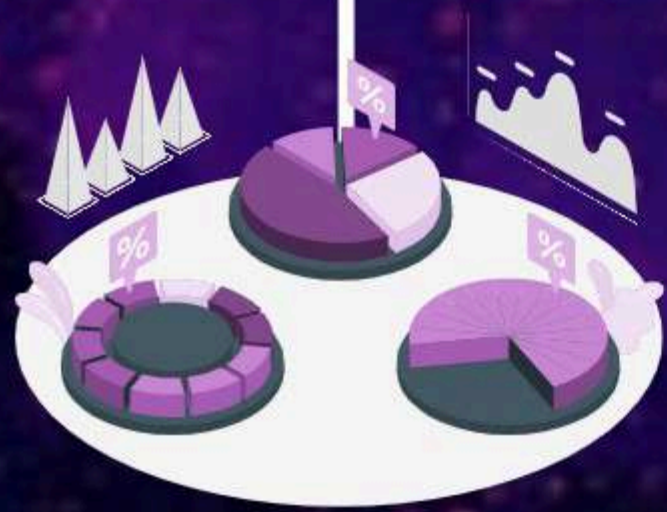
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DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING



PLACEMENTS



ACTIVITIES



ACHIEVEMENTS





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INDEX

1 FACULTY SECTION

2 STUDENT SECTION

3 DEPARTMENTAL ACHIEVEMENT

4 ALUMNI MEET 2023

5 STUDENT CLUBS @KITCOEK

FACULTY SECTION

DR. MAMTA S. KALAS

Educational qualification and experience in KIT



DR. Mamta S. Kalas
Professor
Computer Science and
Engineering



I graduated from the University of Mysore in 1993. After that, I started my career as a lecturer at Bapuji institute of engineering and technology Davangere. I started my academic journey at D.Y.Patil College of Engineering and worked as Lecturer, Assistant Professor and Associate Professor. During 2002–2010 I also worked at Bharati Vidyapeeth College of Engineering. I joined KIT with a promotion to Associate Professor in the department of CSE. I have been given the responsibilities like departmental NAAC coordinator and NBA coordinator. The major milestone was when KIT got accredited with the NAAC A grade under my coordination. It was an amazing experience. I have more than ten publications and have also presented papers at conferences. The position changed from professor to HOD in 2020. During this period, I have given the administration role. I have organized different workshops for the students and Executed academic and various responsibilities to arrange various tech-leader stock. This is all about my journey, academic career, and career at KIT.

2010
Joined KIT

**NACC
NBA**
COORDINATOR



Favorite subject and Students opportunity in it



As head of the department I organized various conferences in which by reference of Mr. Sanjay Khota (CIO at ADANI group), our 10+ students got internships followed by jobs at Adani enterprises in 2021–2022. And Tech leaders talk by Mr. Ganesh Arekar (Microsoft). One of the milestones in the department of CSE is establishing and developing the ARVR lab. And also ARVR is my favorite subject, and we organize many workshops under the guidance of Honorable trustee member Colonel Pratap Singh Shahu Rane Sir. In ARVR we find job opportunities in Healthcare, Education, Multimedia, Gaming, and much more. And also Students may get a brighter future in Image processing and Neural network.



“

I have learnt a lot more during this period, so I have followed 7 mantras:

Communication

Patience

Creativity

Passion

Discipline

Adoptable to changes

Approachable to student

As we see, anyone can get jobs in IT companies, so what is your opinion on – How does it affect the core CSE branch? And any message for students?

“

Yes, many students from different departments can get job opportunities in software companies, it doesn't matter if you are a mechanical or civil engineering student. Recently, Adani power group offered the Software Developer job at their data center to around 15 students from the Mechanical and Environmental Department. Rather than focusing on how it affects the core branch, we can say that every student knowing the software domain can get more chances to be placed in such companies. My message to students is to learn through curiosity, joy, and talk.

“Success is the result of Preparation, Hard work, and Learning from your own experience. Trust yourself and the success is yours...!”



STUDENT SECTION

INTERVIEW



Om Phatak
Student, KITCOEK

PROFILE

Name : Om Phatak
Start-up : 5amClub
Start-up profile : CTO at 5amClub (Tech Head)

ABOUT START-UP

THE 5 AM CLUB

where crazy people meet at 5 AM every day and pay a shareable penalty if they fail

[5amclub.co.in](https://play.google.com/store/apps/details?id=com.club5am.app)

<https://play.google.com/store/apps/details?id=com.club5am.app>

OVERALL EXPERIENCE

He started with competitive programming with C & C++ on CodeChef. After getting 3 stars at CodeChef he lost interest and shifted to the development language JavaScript because it likely provides some output, and then he started enjoying the development and worked on several projects. He used to be a freelancer and currently working on his start-up 5amClub.



HOW DID HE ACHIEVE THIS MILESTONE?

- He Started from the basics. (HTML, CSS, JS)
Projects developed - paint software, snake game (at the basic level).
- He consistently practices through developing many projects. Technologies explored are bootstrap studio, static/dynamic websites, Fiverr, Freelancer.com, Nodejs, Database, Representational State Transfer (REST API).
Bootstrap, Flutter.
- He worked on his interest from his experience and followed the path.

HIS SUGGESTIONS FOR SY, TY'S STUDENTS

He suggested developing many projects and exploring yourself through projects and trying to find your area of interest and then following that interest to a higher extent. He highlighted it on GitHub as well.

DEPARTMENTAL ACHIEVEMENT

EDUSKILL'S BEST PERFORMANCE



The AICTE-Eduskills Virtual Internship Program (Cohort 1) started in Oct 2021. Since then, in KIT, we have executed 3 AICTE-Eduskills Virtual Internships Programs where a total of 1050 Students have completed their internship in 11 domains. BTech 2021 Batch 4 students got placed via Eduskills off-campus placement drive. Currently, the Program (Cohort 4) winter Internship is going on. In recognition of this Internship effort, KIT was awarded Best Performing Institute 2022 award by AICTE in Eduskills Connect 2022 Award function in New Delhi in December 2022.



Dr. Mamta Kalas was awarded with **Best Performing Center of Excellence (CoE) Coordinator**. Also, **Prof. Shekhar Jalane** was awarded with **AWS Educator Excellence Award** for his excellent work as an educator and valuable to AWS academy.



DEPARTMENTAL ACHIEVEMENT

EDUSKILL'S BEST PERFORMANCE



INDUSTRY CENTER OF EXCELLENCE



CISCO Networking Academy



aws academy



MICROCHIP Academic Program



blueprism University



RED HAT ACADEMY



paloalto Cybersecurity Academy



KOLHAPUR INSTITUTE OF TECHNOLOGY'S COLLEGE OF ENGINEERING (AUTONOMOUS), KOLHAPUR

in association with



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EduSkills
Nation Building Through Skills



Indian Society for Technical Education



राष्ट्रीय पुरस्काराने केआयटी सन्मानित

कंदलगाव, ता. २९ : केआयटीच्या अभियांत्रिकी (स्वायत्त) महाविद्यालयाचा एज्युकेशनल संस्था आणि अखिल भारतीय तंत्रनिकेतन परिषद, नवी दिल्ली यांच्या संयुक्त विद्यमाने आयोजित एज्युकेशनल कनेक्ट संमेलनात 'बेस्ट परफॉर्मिंग इन्स्टिट्यूट, बेस्ट परफॉर्मिंग सेंटर ऑफ एक्सलन्स समन्वयक, एज्युकेशन एक्सलन्स आणि एआयसीटीई-व्हर्च्युअल इंटरनॅशनल' यांच्या वतीने पुरस्काराने सन्मानित झाले.



एक्सलन्सच्या उत्कृष्ट कार्याबद्दल डॉ. ममता कलश यांना 'बेस्ट परफॉर्मिंग सेंटर ऑफ एक्सलन्स समन्वयक' पुरस्कार, प्रा. शेखर जालने यांना एज्युकेशन एक्सलन्स पुरस्कार, तसेच केआयटीमध्ये जास्तीत जास्त विद्यार्थ्यांनी कोर्सेस व इंटरनॅशनल केल्याबद्दल देशातील पहिल्या पंचवीस संस्थांमध्ये स्थान मिळवल्याबद्दल 'एआयसीटीई-व्हर्च्युअल इंटरनॅशनल' असे चार सन्मान देण्यात आले. विद्यार्थ्यांच्या विद्यार्थ्यांनी विद्यार्थ्यांना सन्मानित केले.

कंदलगाव : पुरस्कार वितरण सोहळ्यात रश्मी भेनन यांच्या हस्ते पुरस्कार स्वीकारताना सुनील कुलकर्णी, तर अनिता जॉर्जे यांच्या हस्ते पुरस्कार स्वीकारताना डॉ. मोहन वणरोट्टी, सोबत डॉ. ममता कलश.

EduSkills Connect 2022

Transform . Together



Best Performing Center of Excellence (CoE) Coordinator - 2022
Proudly Presented to
Dr. Mamta Kalas
23rd Dec 2022, Radisson Blu Plaza Delhi Airport, New Delhi



Nation Building Through Skills



In collaboration with



Transform . Together

Next GEN Skill Conclave

23rd Dec 2022, Radisson Blu Plaza Delhi Airport, New Delhi

Educator Excellence Award - 2022

Awarded to

Shekhar Dasharath Jalane
Kolhapur Institute of Technology's College of Engineering

for his/ her excellent work as educator and valuable contribution to





Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
EduSkills



ALUMNI MEET 2023



On February 26, 2023, the KIT College of Engineering Alumni Association hosted "ALUMNI MEET 2023," a program to facilitate, gather, and organize alumni activities at KIT's College of Engineering. Team ACSES, the departmental committee for Computer Science and Engineering, organized and managed the event for alumni from 2003 to 2023 of the department Computer Science and Information Technology. Around 1000 alumni were invited to the event, and planning for it began a week in advance. The event was coordinated by Mrs. Archana Sawant, the event coordinator, and Mr. Arun Desai, the faculty coordinator of the team ACSES. Dr. Ajit Patil, Dean of Academics and Head of Department hosted this event and welcomed all dignitaries.



A report detailing the college's accomplishments was then presented. In addition to providing information on all college departments and the number of enrolled students, the speaker highlighted the newly constructed college facilities. Additionally, he discussed placements over the past few years and the technical fest. Several alumni spoke about the impact KIT has had on their lives and memories of their time at the college.



ALUMNI MEET 2023



KITCOEK CLUBS



1 CSI (Computer Society of India)

SB COUNSELLOR - Dr. AJIT S. PATIL
FACULTY CO-ORDINATOR - Prof. RANJEETA PANDHARE,
Prof. S. S. RABADE
PRESIDENT - KAUSHIK WALWADKAR
VICE PRESIDENT - VEDANT SHINDE



- Establishment Year – 16th MARCH 2014
- CSI has always been instrumental in bringing up the talent and skills of the students of the department.
- Institution Membership No. – I 01103
- Website of the CSI Student Branch -- URL Address: www.csikitcoek.com
- CSI conducts Guest Lectures/Seminars of Career Guidance, Workshops on Personality Development and Soft Skills, etc.



Departmental Events

- CSI Techzest-Online Technical competition
- Smart India Hackathon-2022 at institute level in association with e-cell

Workshops

- Webinar on “Career opportunities on Automotive domain”
- Two days Online Workshop on “Cyber Security” for students
- One day National level workshop on “Impact of NBA process in Quality & Capacity building of Polytechnics” by ISTE Student chapter

KITCOEK CLUBS



2 NSS (National Service Scheme)

FACULTY CO-ORDINATOR - Prof. AMIT VAIDYA



- The motto of the National Service Scheme is **NOT ME BUT YOU**
- The sole aim of the NSS is to provide hands-on experience to young students in delivering
- Events Conducted by KIT NSS : **Vaccination Camp, Voter ID registration, Maidan, Blood Donation Camp, Eco-friendly Diwali**



3 NCC (National Cadet Corps)

FACULTY CO-ORDINATOR - CTO AMAR KATKAR



'Unity and Discipline'

- The NCC is one of the leading youth organizations in our country, and has contributed to spreading national harmony and reliability among youth.
- Its role in building up the values of good personality, discipline, hard work and molding cadets into energetic and responsible civilians of the country has been well identified.



KITCOEK CLUBS



4 MATRIX



FACULTY CO-ORDINATOR - Prof. SHEETAL VARUR
PRESIDENT - JATIN SAWANT
VICE PRESIDENT - SAIRA SANADI



- The Student's Chapter of ISRO-IIRS is a non-profit student-run activity club that works for others' benefit.
- We conduct seminars, events, guest lectures, and fun activities that include topics related to and much more.
- We motivate people by providing direct linking to the workshop of ISRO-IIRS where they get guidance on career opportunities for students in Aeronautical Science and other fields too.



COMMITTEE INSIGHTS

TECHNOSITES



CORE TEAM:

- Ketan Kokitkar
- Hrishikesh Kole
- Heramb Gurav
- Sejal Vaswani
- Shreaya Panditrao
- Manasi Chougule






MENTORS:

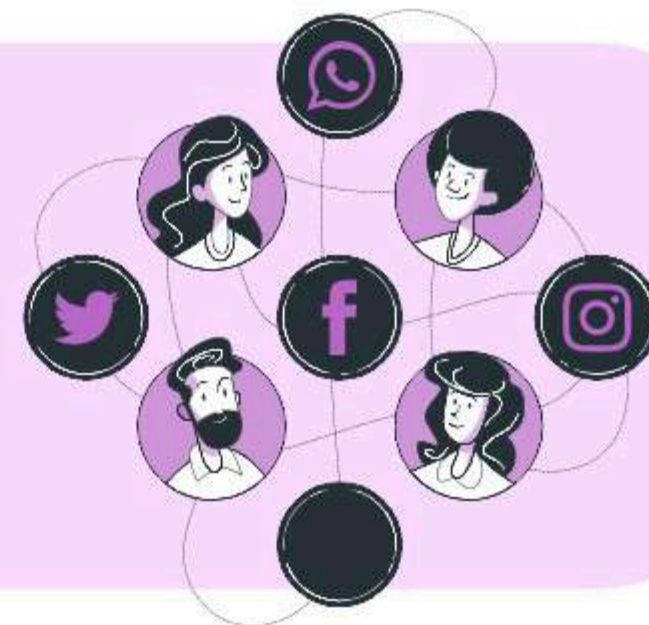
- Dr. Ajit S. Patil
- Dr. Kapil Kadam

TY TEAM:

- Shriraj Khochage
- Vivek Sutar
- Samruddhi Bhole
- Nilam Kumbhar
- Anushka Bhoy
- Pranav More
- Shraddha Jadhav
- Aarya Teli
- Hritvik Shirolkar
- Gayatri Bhagwat
- Sarvesh Pujari

FOLLOW US:

-  @technosites_kitcoek
-  Technosites KITCOEK
-  TKitcoek





Technosites KITCoEK

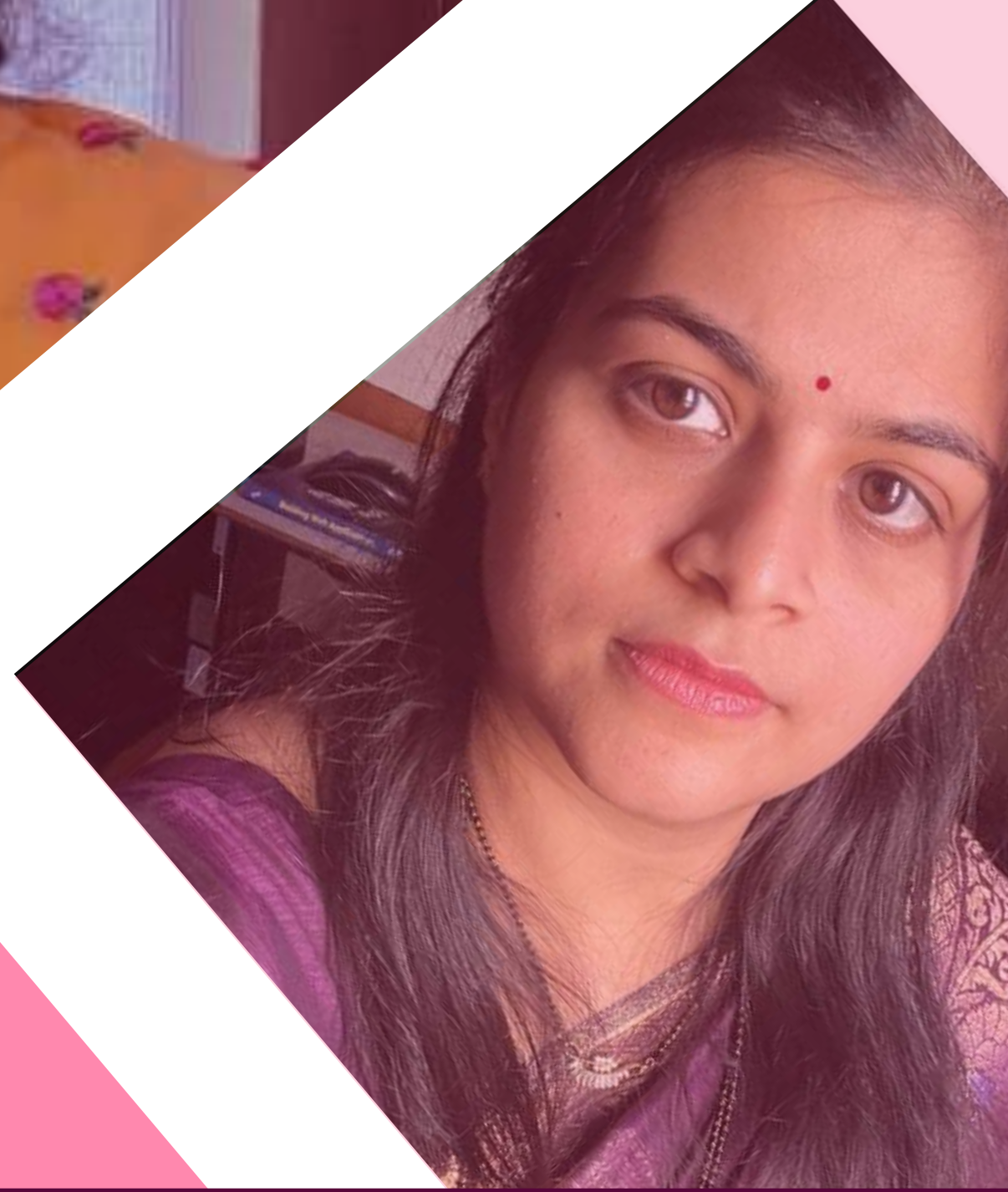
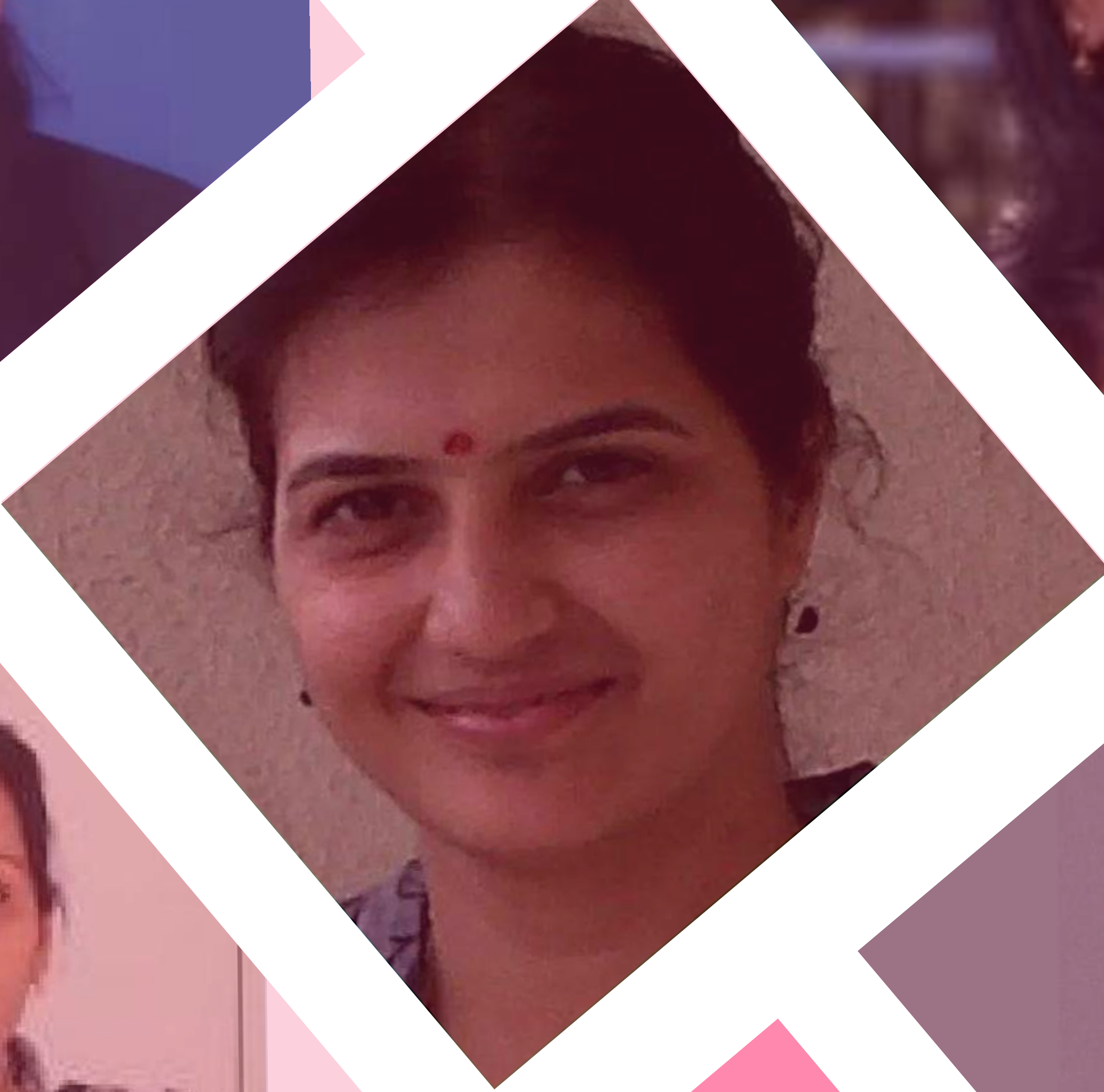
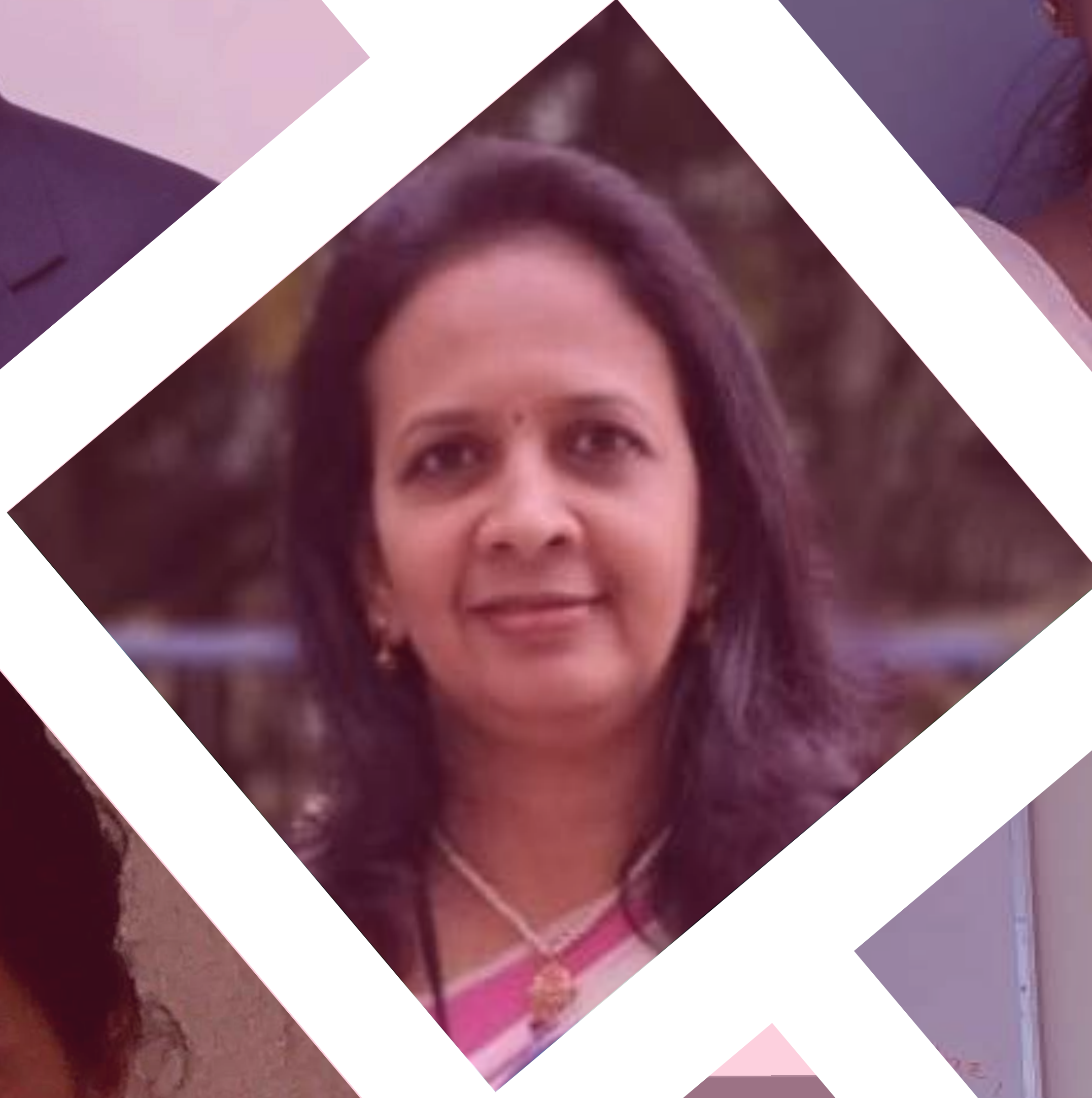
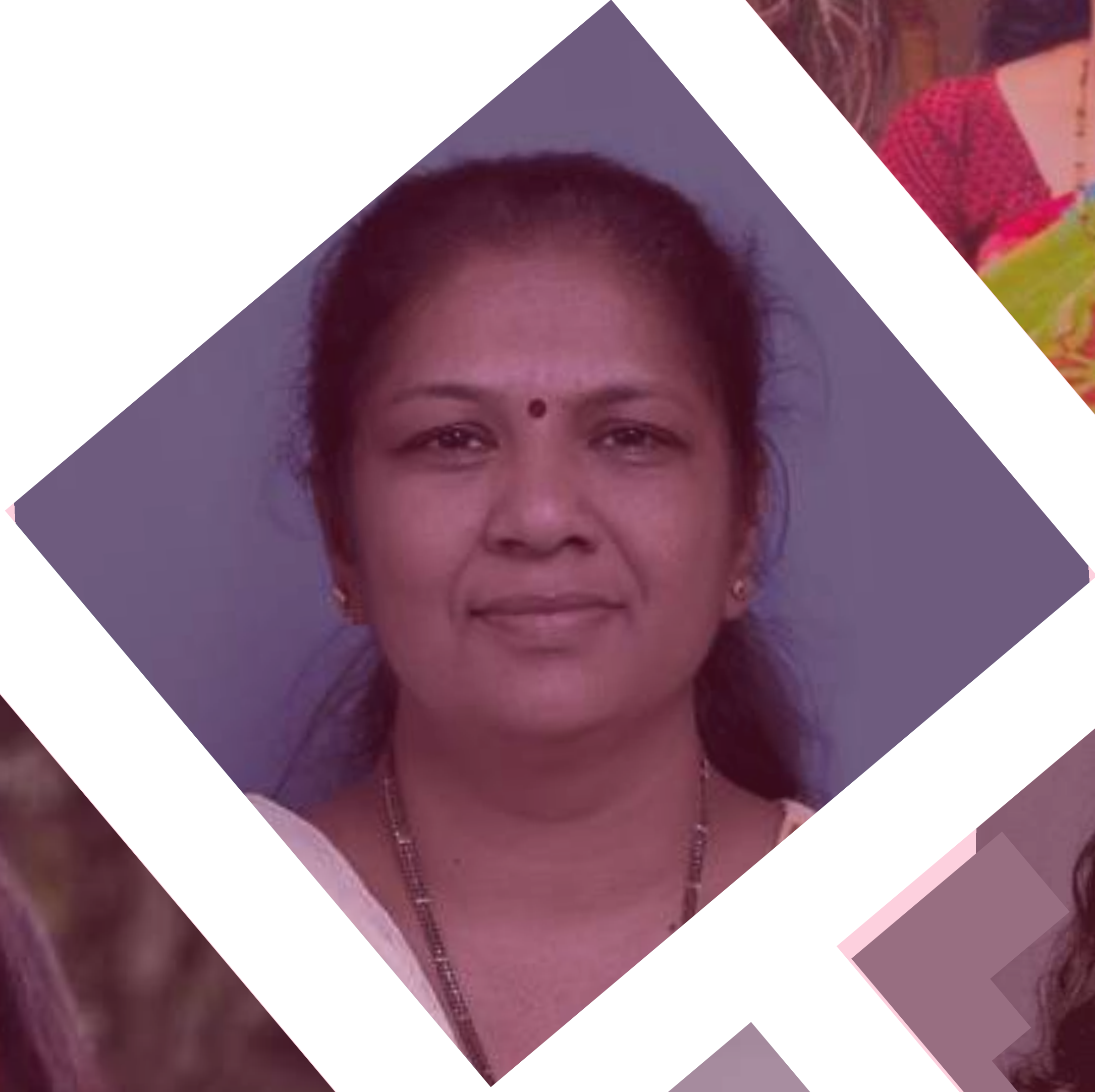
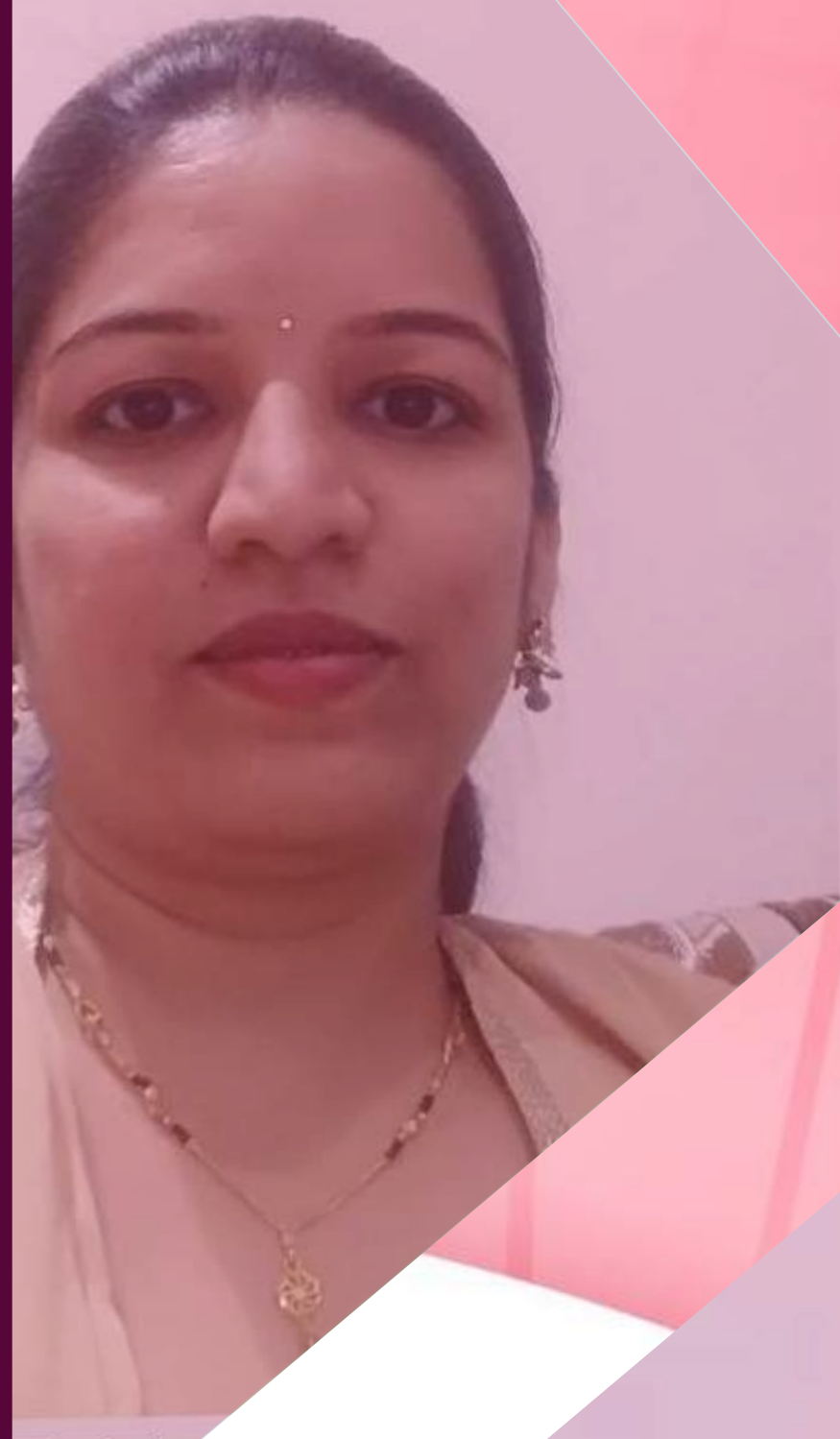
Department of Computer Science & Engineering



MARCH 2023

TECHNO TEACHERS

WOMEN'S DAY SPECIAL EDITION





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

"Team Technosites wishes you all a Happy
Women's Day"

Message from Dr. Ajit S. Patil : Head of Department



On the occasion of **International Women's Day**, I am thrilled to present this special edition of "**Technosites**" dedicated to our female colleagues in the department of Computer Science and Engineering at Kolhapur Institute of Technology's College of Engineering Autonomous Kolhapur. It's no easy feat to balance work and home responsibilities, but our female colleagues have always managed to do so effortlessly. We have much to learn from them when it comes to managing their lives, careers, aspirations, and finding a harmonious balance between them all. Pursuing a career in the ever-changing field of technology can be particularly challenging, but our female colleagues have been doing an outstanding job and leading the way in disseminating knowledge to future generations. I wish you all success and prosperity on this special day.

Message from Dr. Kapil Kadam : Technosite co-ordinator

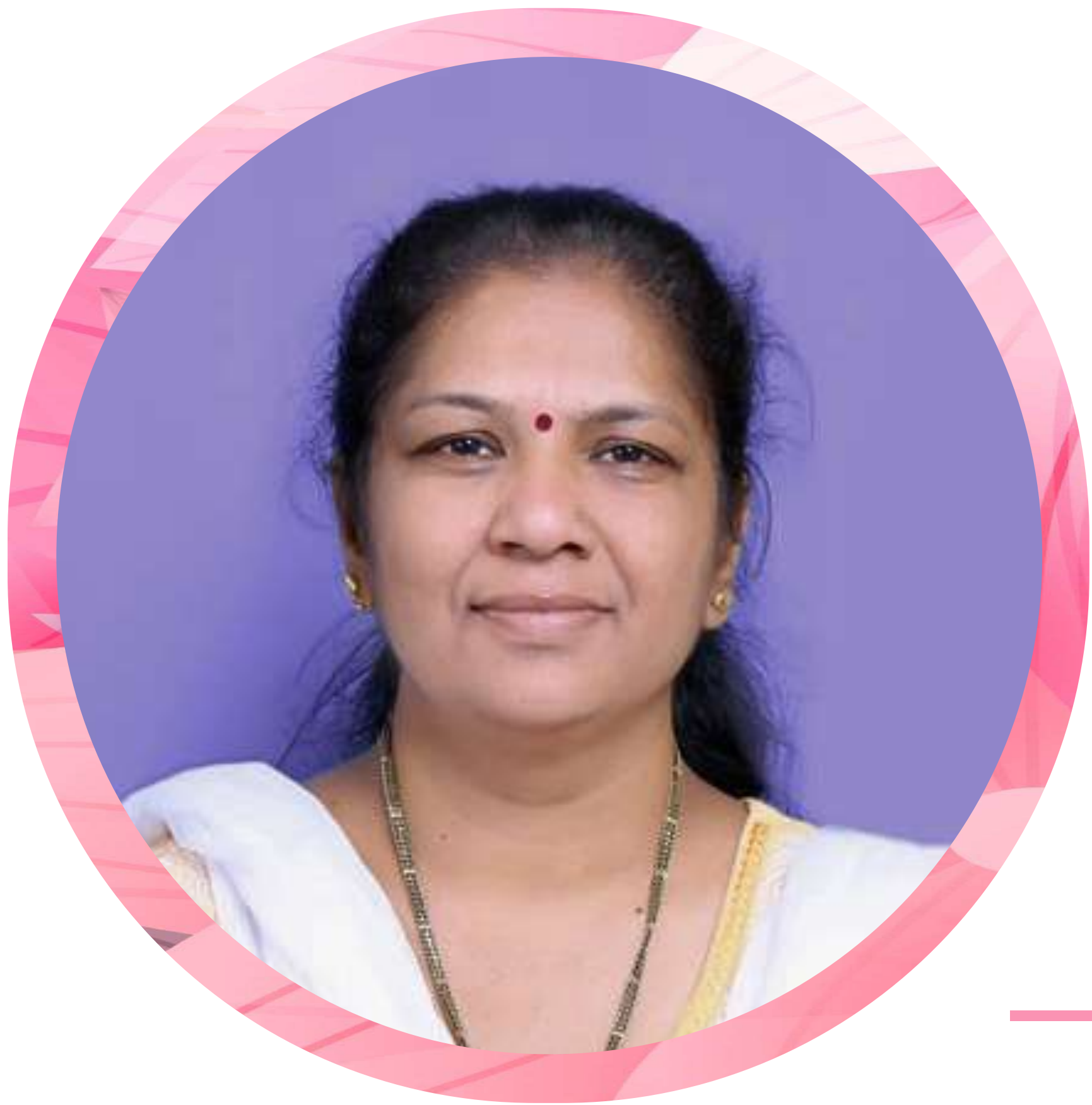
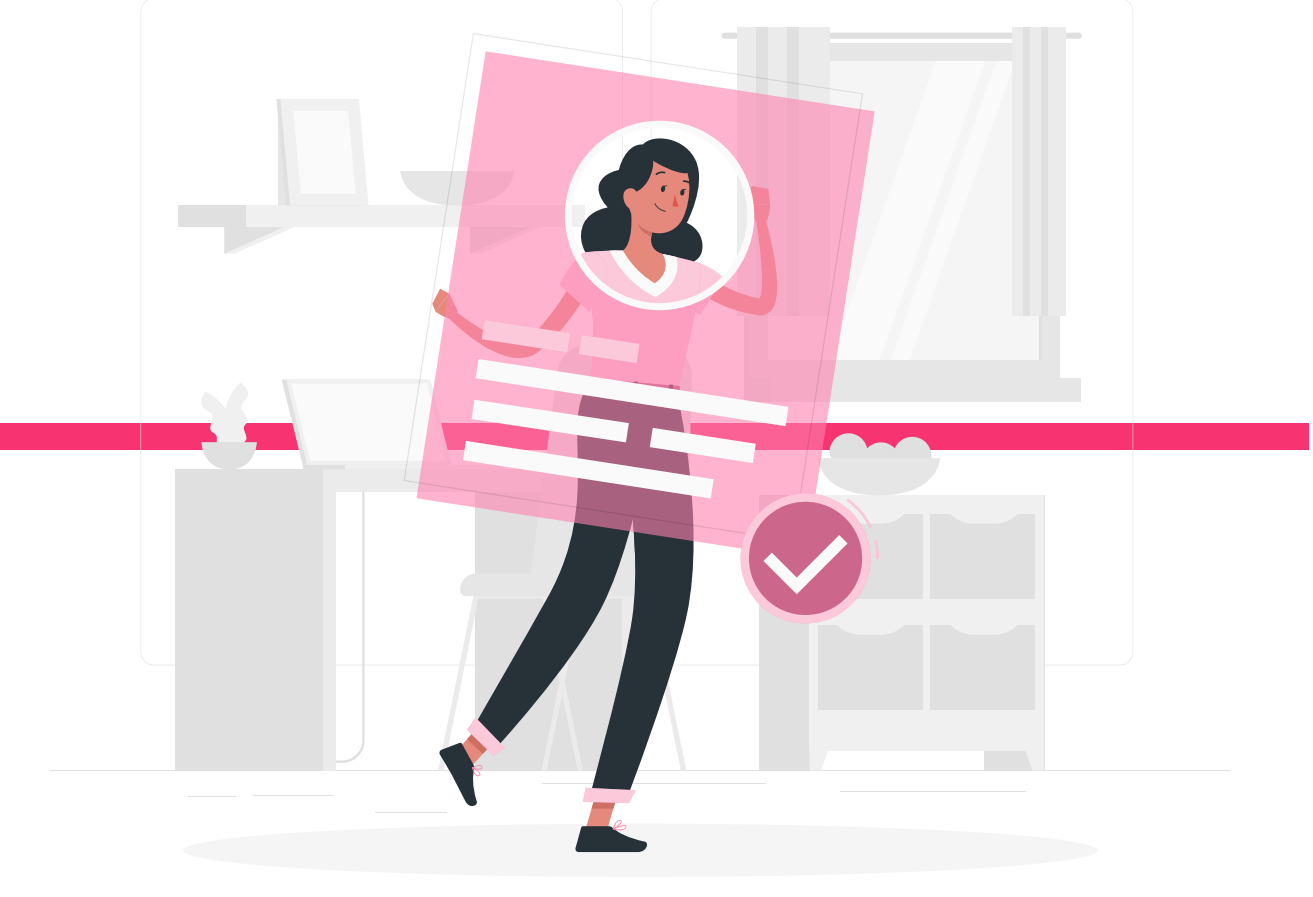
To all the incredible Techno-Teachers,
You have always been a constant source of inspiration and a rock of support to many of us. We are grateful for everything you have contributed to computer science education all these years. We wish you a Happy Women's Day!
Keep shining and inspiring!



Team Technosites

- Ketan Kokitkar
- Hrishikesh Kole
- Heramb Gurav
- Sejal Vaswani
- Shreaya Panditrao
- Manasi Chougule
- Shirraj Khochage
- Vivek Sutar
- Samruddhi Bhole
- Nilam Kumbhar
- Anushka Bhoy
- Sarvesh Pujari
- Pranav More
- Shraddha Jadhav
- Aarya Teli
- Hritwik Shirolkar
- Gayatri Bhagawat





DR. MAMTA S. KALAS

Mail id : kalas.mamta@kitcoek.in

Prof. Mamta has been contributing to the field of education for the last 27 years. She has taught subjects like Artificial Intelligence and Machine Learning, Pattern Recognition, and Image Processing. She has 30 research publications in the field.

How has the field changed since you started in CS, and what was your inspiration?

The field of computer science is becoming increasingly important as the economy becomes more dependent on computers and the Internet. As this process is happening, computer hardware and software technology are rapidly increasing in power and sophistication.

Inspiration-Throughout my academic life, I have had different ideas about what career I would pursue in the future.

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

I have been responsible for NAAC accreditation, Peer team visit, and working in different committees. I have given the administrative role as Head of the Department of CSE in 2020 during the COVID Pandemic period, and successfully organized Technical Talks, webinars, and STPs for students. I have signed 5 MoU with Distinct Companies, and recently received Best CoE coordinator award for successfully implementing CoE of Eduskills-AICTE Cell at KITCOEK.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

The most important details in this text are the administrative tasks assigned to the author, such as NAAC Accreditation, Peer team visit, Board of studies, Interview Committees, Chaired conferences, workshops, and member of Internal Complaints Committee. They have also worked in different committees, and have organized Technical Talks, webinars, STTP'S for students to enhance their technical skills. They have signed 5 MoU with Distinct Companies, and recently received Best CoE coordinator award for successfully implementing CoE (Centre of Excellence) of Eduskills-AICTE Cell at KITCOEK.

How do you keep up to date with the latest trends and advancements in the field?

Attention to social media. One of the most convenient places to stay updated with trends in social media. ..Regularly tuned with industry trade publications and websites; national, regional, and city newspapers, influential bloggers and business thought leaders. Get involved in the industry. Joined industry associations, attended their events, take training, and

participated in online communities. Give industry newsletters a try. Another way to follow trends is to sign up for newsletters. Use of analytical tools.

Please suggest some CS platforms that you follow and that everyone should follow.

Working in the field of AI and machine learning means innovating the technology of tomorrow. This industry may be good for you if You're able to think creatively and analytically

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

See there are lots of opportunities. What we need is just to be focused, confident n should believe in yourself it is a vast stream. Just be positive in your life n see opportunities in every problem

There are many options like:-

Campus placement

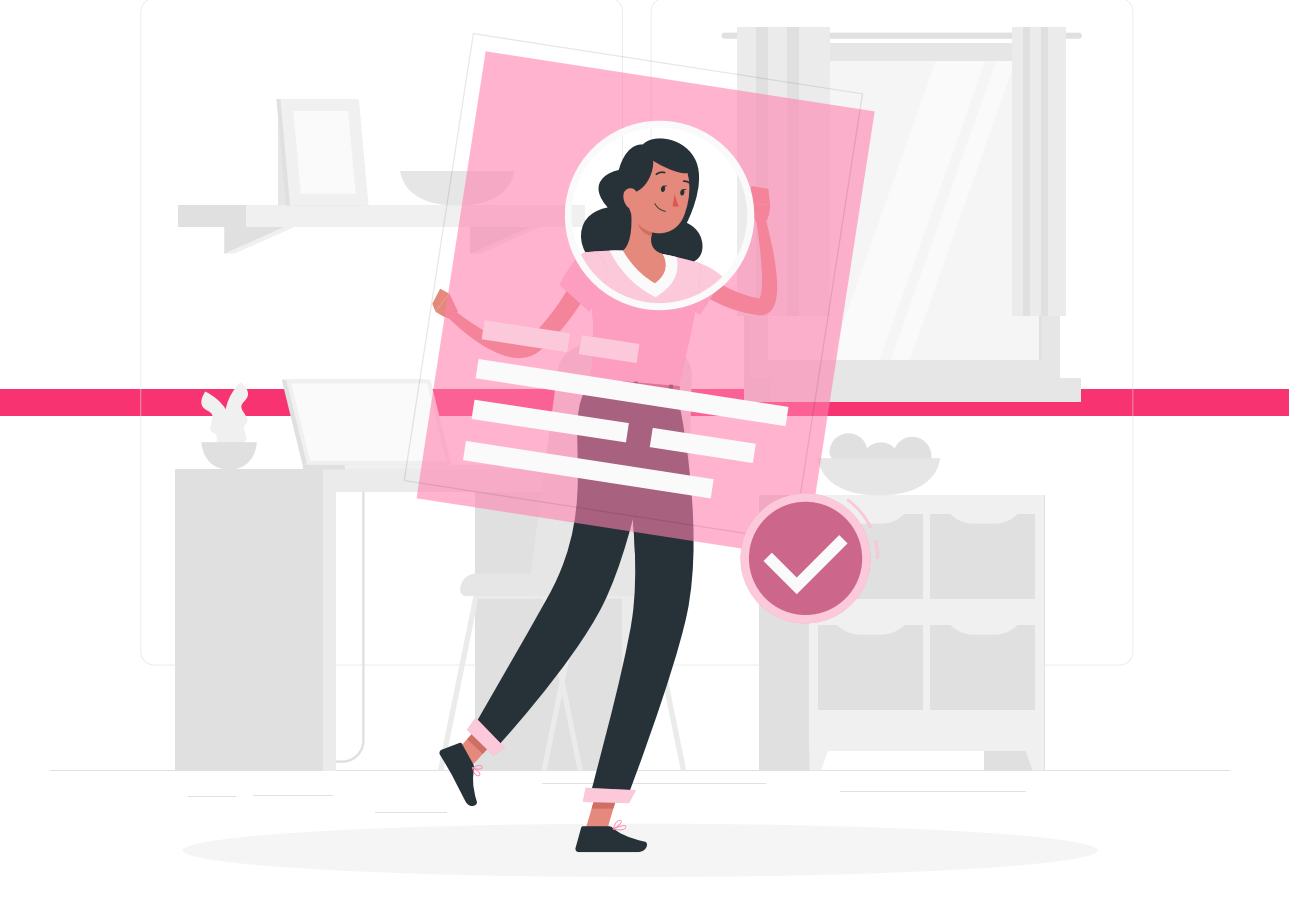
Do MBA

Do M. Tech

Civil services

Short term courses

One can also prepare for bank competitive exams like - PO, clerk n many more. you can also give railway competitive exams suitable for girls. We just need to believe in ourselves that we can crack it. , just do whatever your mind says. Go with that and then see the magic. Read positive and inspiring stories n be happy always because friends everything happens for a reason.



MRS. DIPALI JADHAV

Mail id : jadhav.deepali@kitcoek.in

Prof. Dipali has been contributing to the field of education for the last 20 years. She has taught subjects like Database Engineering, Advanced Database Engineering, Computer Algorithms, Computer Graphics, and Digital System and microprocessors.

How has the field changed since you started in CS, and what was your inspiration?

I started my journey in KIT's College of Engineering, Computer Science and Engineering department in July 2003. In the last 20 years, I have seen so many changes in the Computer Science field. The market's ongoing demand for programming and equipment updates has required that professionals working in the field of computer science continuously update their skill sets as well. And this ongoing upgradation inspires me to learn new things that help me to improve my teaching and learning skills.

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

Over the last twenty years, the evolution of computers, in general, is astronomical. We need to be more aware of how rapidly technology is changing in the field of computer science. When I began my teaching career, there were only a few programming languages available such as C, C++, Java, etc. But now as the field of computer science is expanding, I must learn new programming languages like Python, R Programming, and AR-VR technologies, among others. In order to do that, I completed numerous online certification courses offered by various IITs, attended workshops to improve

my knowledge of new technologies, and attempted to overcome these difficulties. From COVID 19 situation I learn so many **e-content development tools** and share my knowledge with students. I started **my own YouTube channel**, so that students can learn through it.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

You need to **be aware of your priorities** if you're going to balance your professional and personal life properly. As a result, when pressure or an urgent situation arises, you are not torn over what is most important to you. Maintaining your professional and personal life can get pretty hectic for girls sometimes. Girls have dual responsibilities of family and profession. In this case, I advise them to make a schedule based on their priorities and try to follow it. If you can minimize the unplanned distractions in your professional life, you can prevent them from constantly interfering with your personal life.

How do you keep up to date with the latest trends and advancements in the field?

In the 21st century, the evolution of technology is happening at rapid speed. Over the past 20 years, we've seen the stellar

rise of technologies straight out of 1980s sci-fi to smartphones and tablets, social media, and so on. To keep up to date with the latest technology, **I follow technical leaders** on social media and completed certification courses. Google and YouTube are the best platforms to learn the latest trends and advancements in the field of Computer Science.

Please suggest some CS platforms that you follow and that everyone should follow.

Follow technical leaders on social media. Read the technical **blogs**. Join technical **forums**. Attend Technical events. Read technical newsletters and Certification Courses.

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

Careers involving computers and information technology (IT) are expected to expand much more quickly in the next few years. Many employment prospects are made available by earning a computer science degree, whether it be a master's or a bachelor's. Emerging areas in computer science include bio-informatics, AI, ML, robotics, cyber security, and many others. In the years to come, opportunities for women in computer science will increase.



MRS. RANJEETA B. PANDHARE

Mail id : pandhare.ranjeeta@kitcoek.in

Prof. Ranjeeta has been contributing to the field of education for the last 20 years. She has taught subjects like Information Security Systems, Discrete Mathematics, Database Management Systems, Software Engineering, and Project Management.

How has the field changed since you started in CS, and what was your inspiration?

Yes. Definitely! there are a lot of changes in the field of CS and rapid development in technology both software and hardware. My inspiration is always my friends and colleagues who have inspired me to do the best in my career since I started.

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

Challenges are always there in every profession. I tried my best to teach the students with the same enthusiasm I had in my initial teaching days. Technology changes rapidly in CS, so I needed to upgrade myself first and learn new concepts of CS on the fly.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

I never mix my personal life with a professional one. I do love my job in every aspect and balance both of them. I would advise girls that Nothing is impossible if they work hard to achieve their goals with sincere efforts and honesty. Believe in yourself as you are capable to do anything and deserve the best in life.

How do you keep up to date with the latest trends and advancements in the field?

Learning is the phase that never ends. I keep on learning and trying to keep up with the latest trends and advancements in the field of CS.

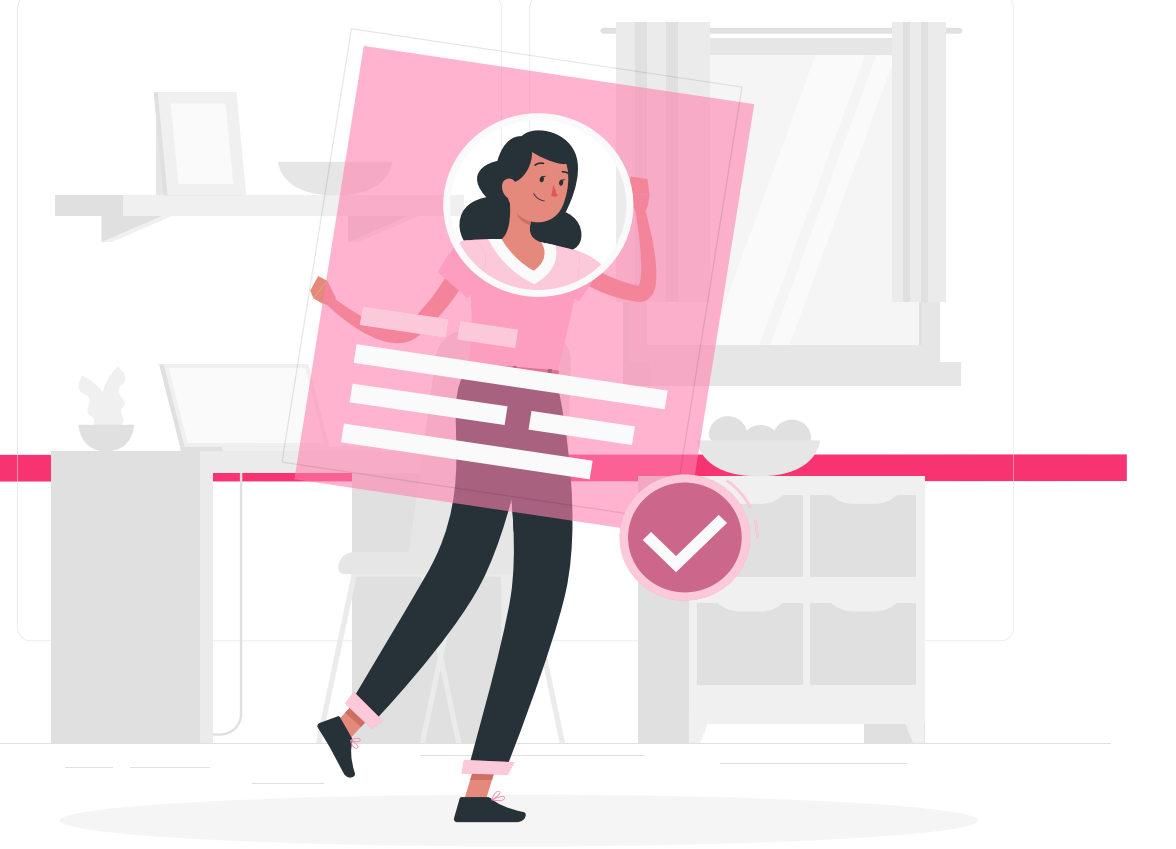
Please suggest some CS platforms that you follow and that everyone should follow.

Research and innovation in Engineering and technology, cyber security, AI, ML, and data science/ analytics are emerging platforms that are growing very fast and are providing a lot of opportunities for students who want to choose their career in these domains.

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

The future of the computer science field is growing rapidly with a lot of opportunities for techno-savvy and career-oriented women.





MRS. ARCHANA S.SAWANT

Mail id : sawant.archana@kitcoek.in

Prof. Archana has been contributing to the field of education for the last 19 years and has a wealth of experience in System programming, Compiler Construction, Software Testing, Software Engineering, Project Management, Real-Time Operating Systems, Distributed Systems, Digital Logic Design, and Soft Computing.

How has the field changed since you started in CS, and what was your inspiration?

In my education days, if a child is better in academics, his path was set to either Medical or Engineering. I was not interested in Medicals so only I went to engineering and Computer engineering was a new door opened; ultimately I entered. Later on in the Journey of engineering few or more personalities motivated me in many aspects. When I was in college we were using an 8-inch floppy disk with a storage capacity of 80 kilobytes. The size shrunk to 5¼ inch and 3½ inch with 1.44 megabytes and now Gigabytes and Terabytes are common for us. Languages I started with are COBOL, FORTRAN, and C. Now C++, JAVA, Python, MATLAB, and GO are new to me. This is the field where every day new technology and new opportunity knocks in. CS has become an integral part of day-to-day life activities. Surprisingly everyone is adopting this speed of change more or less. **My career is by chance but my Profession is my choice.**

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

As we know CS technology changes more frequently than other branches. Being a teaching faculty in CS I find it challenging to possess adequate content knowledge or pedagogical knowledge, knowledge about **emerging tools and**

technologies, teaching skills, and **understanding of the audience** also. All these are nothing but **opportunities** for me. I use to read books by different authors, worldwide new reference content available on the internet, contents problem-solving practices, attend Development programs, discussions with experts, and NPTEL courses to overcome these challenges.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

Well, I don't consider Life to be something you should balance. You need to balance yourself according to turns and twists in life. Whatever challenges will come, accept them and live beautifully. In my opinion, Personal and Professional life is nothing but the way you handle responsibilities on both fronts. It is just a management of vitality, priority, and a plan for that moment. We should not forget that problems are never ending but every problem has solutions. You just need to pick one with your conscience. It is very simple: In Professional life, you need to **Love your work**; do it **sincerely and honestly**. In your Personal life Be kind to everyone in your life and Love life.

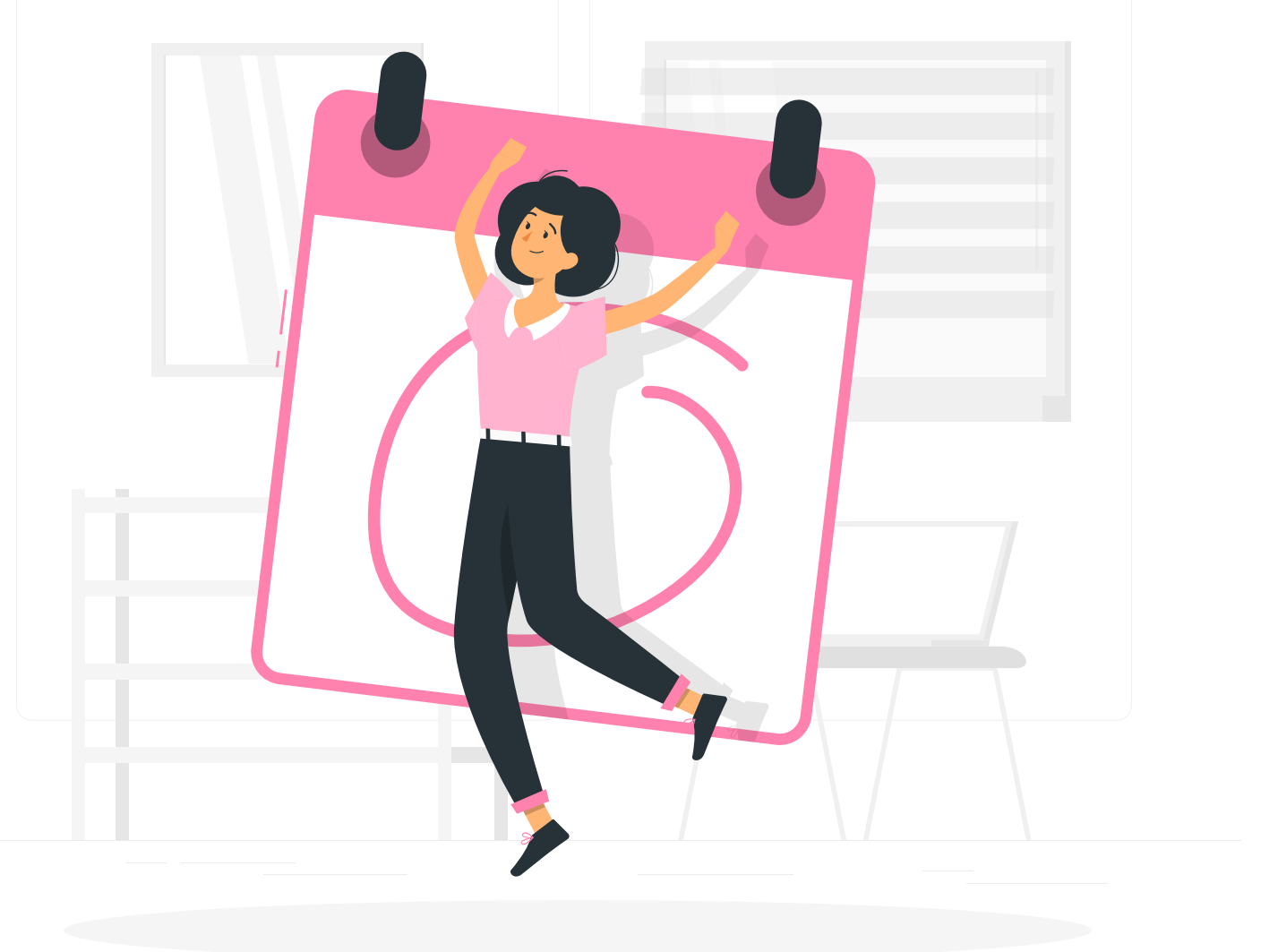
How do you keep up to date with the latest trends and advancements in the field?

I would like to mention here, since the last 20 years I have been in the youngsters crowd only; Ultimately new trends in every term influences

me to get more information about it. Keeps me enthusiastic and young always.(Kidding). I think the urge to learn plays a major role in keeping you updated with the latest trends and advancements. Reading helps me a lot to know things. I always loved to read; not only CS specific contents but also all the things that I notice around me. May it be Machines, medicinal, pharmaceutical, health related, business and many more. I find the Internet is the ocean of knowledge. Once you start reading websites, articles, journals, research papers, company projects, govt Projects you definitely will know a variety of new things that you never know. **"Duniya me Knowledge bhara pada hai kahin se bhi bator lo"**

Please suggest some CS platforms that you follow and that everyone should follow.

There are different platforms for different purposes like content knowledge, programming knowledge, programming competitions, problem-solving, and project development. E.g. TechCrunch, Topcoder, GitHub, SourceForge, CodeSchool, W3Schools, NPTEL, Coursera, HackerRank, StackOverflow, CodeChef.If you just **search for a technical keyword** you will get to know thousands of informative sites.



Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

See, CS is just not the future, it has become our present. CS becomes more important as the economy, health and every facet of our lives become more dependent on tech. The student should utilize their time for upgrading and updating themselves with Global Trends. Besides classroom teaching-learning; I believe in Project work, **Flipped classrooms**, Experts' **hands-on lectures**, and **students'** presentations as best practices of teaching and learning where student can broaden their knowledge in the selected area. True to its global reputation the Indian IT sector has lots of scope in terms of growth and employment opportunities. I would not like to discriminate career paths based on gender but yes tremendous opportunities are there in CS; listing a few for example Teaching research, Scientists, Analysts, Data Engineers, Business Analysts, Web Developers, Software Engineers, Security specialists, Machine learning engineers, Financial Banking computing and **what not.....**



DR. SHIVANI S. KALE

mail id: kale.shivani@kitcoek.in

Prof. Shivani has contributed to the education field for the last 15 years. She has taught subjects like machine learning and data science. She also has extensive experience as a motivational speaker and life coach.

How has the field changed since you started in CS, and what was your inspiration?

When I admitted in the year 2000, at that time we were learning something known as COBOL languages. You guys might not even know it right now. So it's a very changing technology. The whole world is computerized today, but technology and languages are changing very fast. So it is a dynamic field and the students need to be updated. So the computer branch is changing every six months with new technology, new platforms, new software, and everything. When we started, it was a very new branch. It had just started in 1998 or something. So when I took admission in 2000, it was like a new trend. And as we all try to find out if there is a new thing in the market, we are not sure about what will be the future of it. But still, I felt it was fascinating. So I felt that I should go and try it. So I took the admission, and it was a wonderful decision for me.

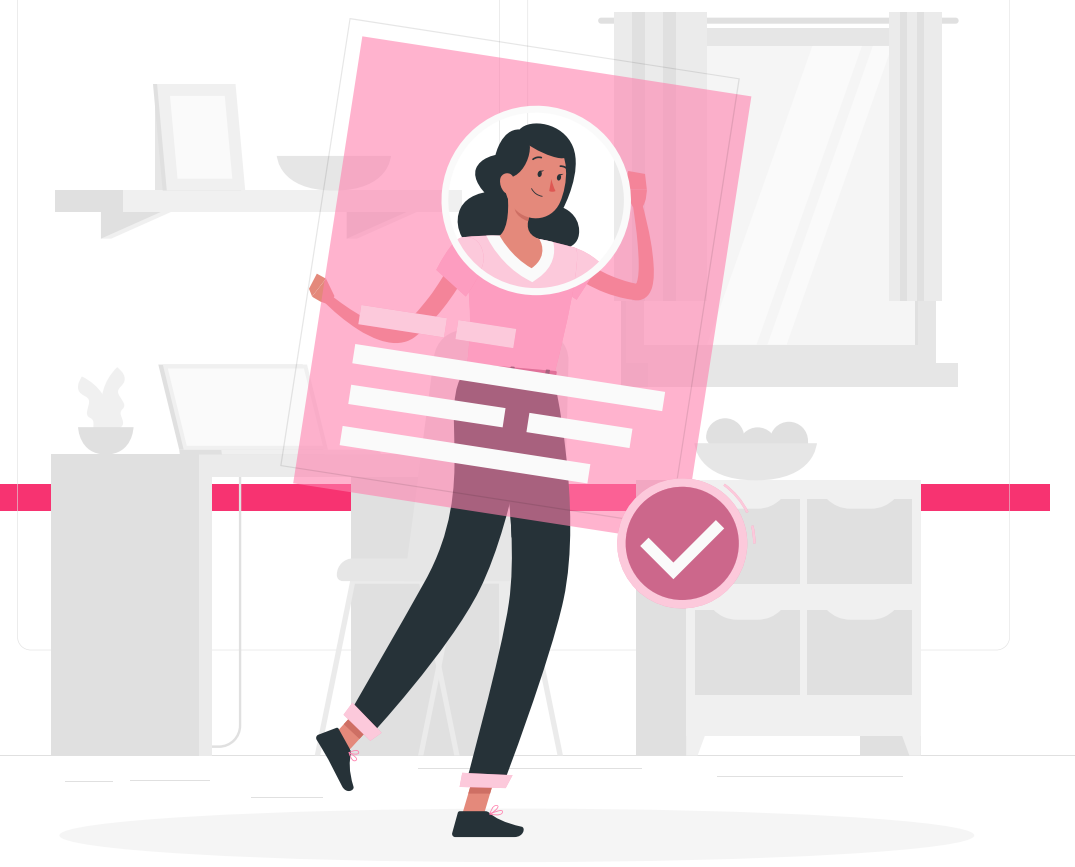
How do you keep up to date with the latest trends and advancements in the field?

After every four years we have to change the syllabus and for changing the syllabus and to learn about the new technologies, we all do the certifications. Even to the students we ask to do certification compulsorily, which are new from NPTEL and Coursera. And hence, we also have to do the certifications. We are also trying to be with the industry about what's going on in the market so that we can teach our students what the current trends are. And even for the project and all, we seek the advice of the industry people in the advisory board. Also we do have industry people who contribute to your academics. So in this way we are coping with the syllabus as well as the current trends in technology with respect to computer science especially. So this is the way we are changing the academic syllabus. We are publishing the articles and everything and we are keeping ourselves up to date.

Please suggest some CS platforms that you follow and that everyone should follows:

NPTEL, Coursera and Swayam. These certifications are doing a wonderful thing by giving you all the courses. Even professional communication related courses are available. So all types of courses are available on NPTEL. They are wonderfully drafted and delivered nicely. And that will be of great help to the students. They can learn at their own time, at their own pace. And I should suggest to everyone to follow a single scene where you can be a master. I mean, you should have one skill with you that could help you survive in the market. So just work it on it and surely it is going to help you in your future life.





What do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

Not to the girls, to every individual in any of the streams. Not in engineering You should pursue the things which you love to do. I mean, you have to focus on the skill You can go with that. And when you love certain things to do, when you are getting money from it, when you could able to do something new, if something fascinates you, in that case it will be easy for everyone After certain years you will quit. But if you really love to do certain things, I think everyone should choose skill to develop. And if you are perfect in that skill, so surely it will be not much difficult to balance because in personal life also you will be happy because you love to do that professional thing. when you start doing it, it will be easy. You'll be grown up to handle those things.

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

Everyone knows AI-ML, Robots and machine learning and artificial intelligence are a boon in the market right now and this is going to change everything. So any of these skills is going to surely help the students for the future trends. You can even be an entrepreneur. you can be an entrepreneur, you can start your startup rather than going for the job because IIT and other students preferably go to start the business where they can hire other people or other students. So nowadays startup is a good option. Rather I suggest you just have one or two years experience in another company and just get knowledge of how to get a client, how to get the project, how to crack the deal, how to close the deal and then you can start a startup. So I really suggest all of you if it is possible to **just go for the start**.

What do you feel are the best teaching or learning practices?

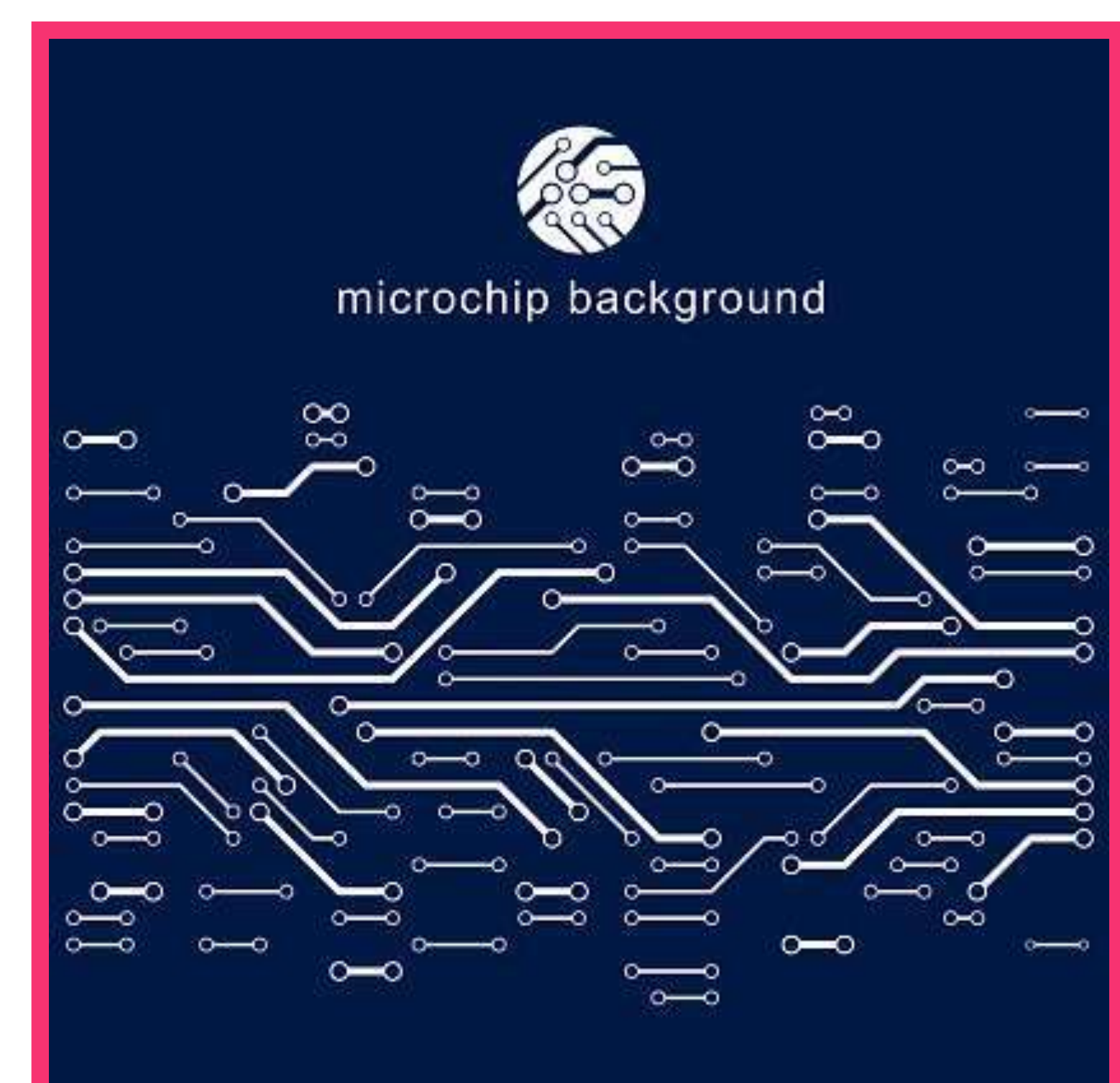
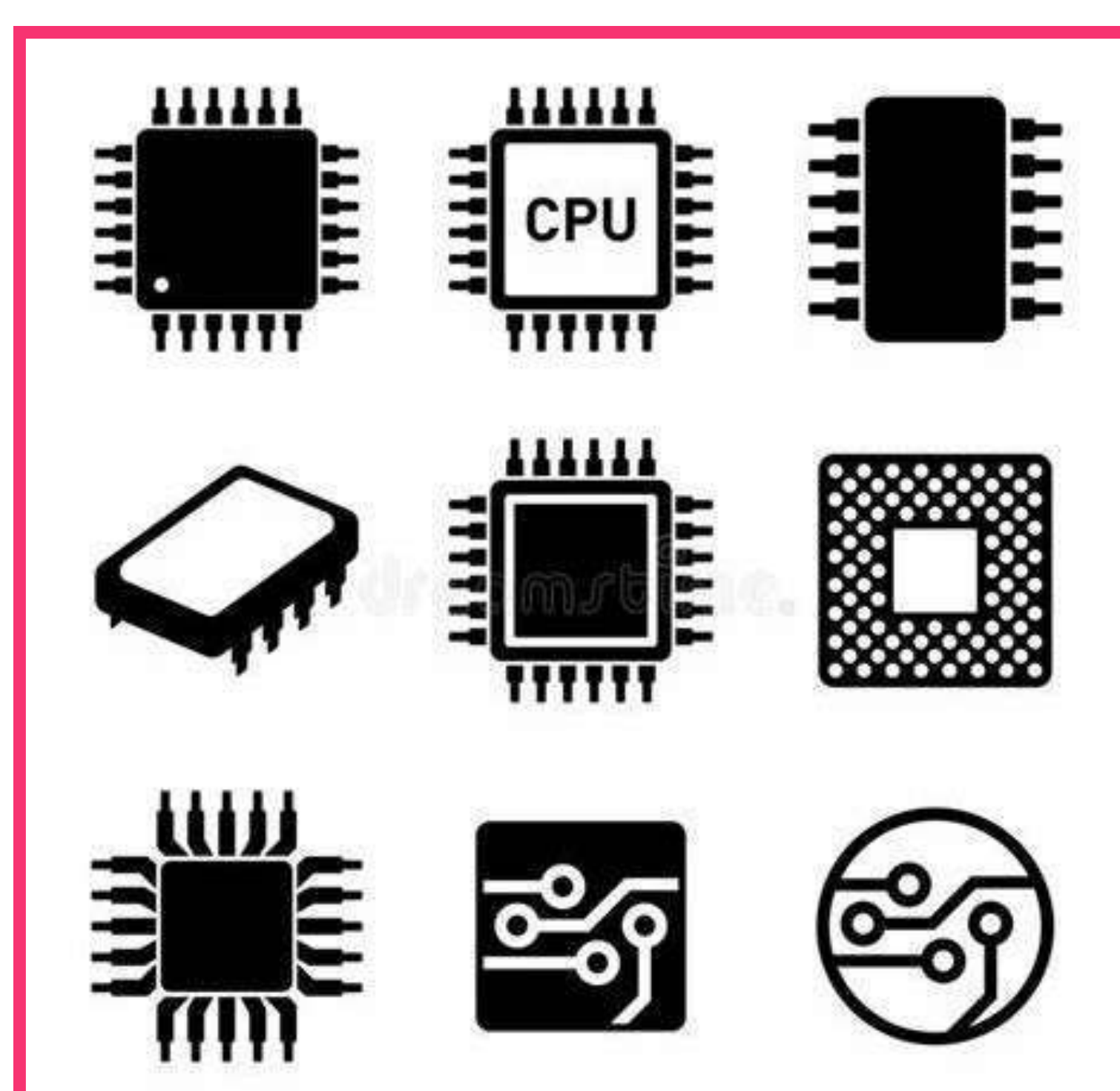
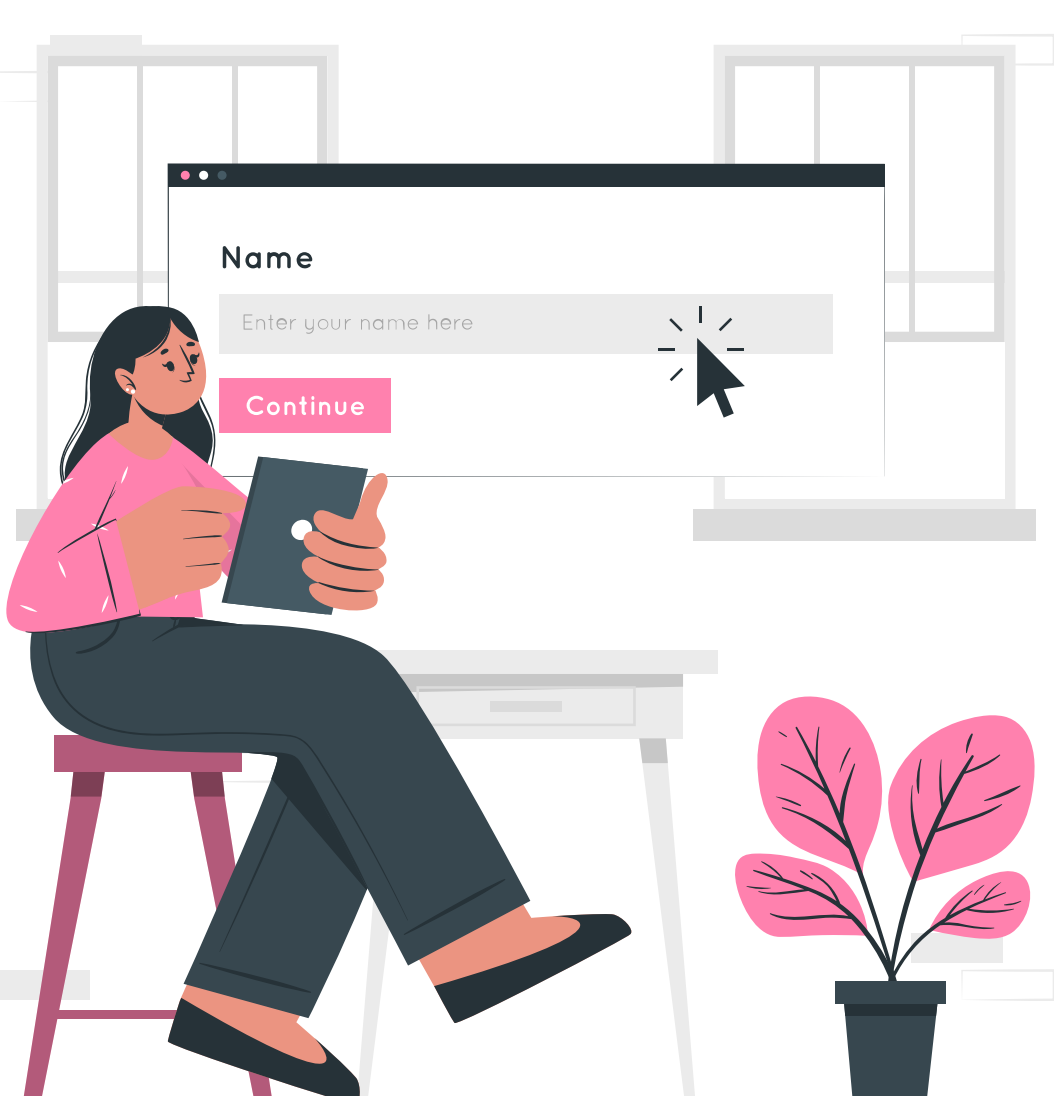
The best teaching is when you have one to one connection. Like in a class, you should have a presentation. You should have certain supporting videos or any surveys which are supporting that. That will be wonderful. The teaching practices are where the teacher is making the student visualize things. You should be able to make it entertaining so that they will easily get those things. And the learning is what I told you before, getting a number of certifications and all. There are a number of learning platforms available. You guys are lucky. We have the internet and all the tools available. So basically if you want you can ask anything, at any time. 24X7. Just click on the internet and you can learn whatever you want. So learning is very easy. You only need the will to learn. You should have that desire to learn.



MRS. VAISHALI G. POWAR

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Prof. Vaishali has been contributing to the field of education for the last 15 years and has taught subjects like digital logic and microprocessor, computer organization, and architecture.





MRS. SAPANA G. BUWA

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Prof. Sapana has been contributing to the field of education for the last 9 years. She has taught subjects such as Discrete Mathematics Structure, Automata Theory, SP, Compiler Construction, Programming Paradigm, and C Language.

How has the field changed since you started in CS, and what was your inspiration?

I remembered that I started my study in CS in 1999. This field is changing drastically nowadays. Computer science is a fantastic field of study, formalizing as a college discipline in the '60s and evolving through the decades since to become part of daily life worldwide. In 2021, many latest technologies will emerge, particularly in computer science and engineering. The latest technologies like AI, Data Science, Robotics, **Cybersecurity, Bioinformatics, Full stack development, and Virtual reality** are only going to get better in 2021, and they may even make it into the hands of the average individual. My inspiration is my family, brothers, and sister.

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

The computer science engineering course is a booming sector in India as well as in most other parts of the world. Technology is bringing about a sea change in how industries and organizations across the globe are operating. As there are a few challenges involved with this profession, I need to constantly update with new technology arriving in the market and knowledge. Lecturer-related challenges include subject knowledge, lack of time, approaches to teaching, dry (difficult to teach) topics, assessment, and lack of support. To

continuously pushed myself to overcome hurdles. Taking inspiration from positive-thinking people around me, such as family members, friends, colleagues, or mentors. Reading motivational books to boost my self-confidence and stay focused on my goals.

Lastly, I kept patience and a positive attitude.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

Truly saying that I am keeping my professional and personal life separate. I left my work-related job in its designated workspace. I have created time and space at home that is strictly for my personal life. I kept my personal space for reading, watching television, and sleep, and spending time with my family. Finding the right balance between your personal and professional life is essential for your well-being and success. It is down to you to better organize your time and make the necessary efforts to achieve this. I advised girls, especially those who are doing engineering that follows through with what they promise and understands the impact of their work on others. Gain respect by delivering on your commitments. Be confident in your ideas and thoughts, and believe in yourself. Be brave and keep going.

How do you keep up to date with the latest trends and advancements in the field?

Regularly keep up with industry trade publications and websites; national,

regional, and city newspapers; influential bloggers and business thought leaders. Get involved in your industry. Join industry associations, attend their events, take training, and participate in online communities. Develop your skills with further study.

Please suggest some CS platforms that you follow and that everyone should follow.

Finding the right online resources can be critical to your success in the computer science field. There is an enormous increase of vigorous competition in every industry ranging from finance, and engineering to technology. Getting a Certification course helps a student add a prestigious credential to the resume and stand ahead of others. It helps enrich their expertise and talent, and enrolling yourself in a certified course helps in getting access to high-quality modules, syllabus, and study materials. Authentic certified programs, conduct periodic examinations and test your aptitude and technical know-how regarding the subject. The guidance of knowledgeable facilitators and tutors helps in enhancing your competence and proficiency. Most importantly, these courses help in sharpening and polishing technical skills and fundamentals. Various platforms provide courses for students to gain exposure and learn in-depth concepts. Computer science-certified courses are available for computer science students to gain subjective knowledge and practical experience through projects and worksheets. Various platforms which provide these courses are as follows: Udemy, Coursera, Codecademy, NPTEL, W3Schools, NPTEL, W3Schools



Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

With the fast-changing connected world, computer science is a key area for future careers across the world. The term computing covers every kind of digital technology that we use to create, store, communicate, exchange, and use information. This makes it the foundation for small and large businesses to build their strategies and grow. It is also the key to making our personal lives easier and more fun: mobile phones, online shopping, and social media – we owe them all and a lot more to computer science. I think the best teaching-learning practice is to Engage, motivate, and inspire students with today's best practices. I think there are more career choices available to women now than ever before. A woman plays many roles—sister, daughter, friend, wife, mother, confidante, breadwinner, and so on. You, being a multitasking woman, need to find a career that not only pays you well but allows you to be a career woman without having to compromise on any of these roles.

Lots of women have found careers that balance beautifully with their family life. With a plethora of options, you may have a tough time deciding which career would be most suitable for you. Of course, no two women are the same and neither are their choices. But some careers provide women with the best opportunity to achieve both career success and work-life balance. Here are the top eight career choices for women:

1. Entrepreneurship
2. IT
3. Medicine/Healthcare
4. Teaching
5. Career Counseling
6. Interior Design
7. Nutrition / Fitness
8. Fashion Design & Merchandising



MRS. MADHURI V. THORWAT

Mail id : thorwat.Madhuri@gmail.com

Prof. Madhuri has been contributing to the field of education for the last 7 years and has expertise in C, C++ and Operating Systems, with one year of experience in the industry of Salesforce Cloud computing platform.

How has the field changed since you started in CS, and what was your inspiration?

Lots of changes.the field of CS changes so rapidly that in any other field..to stay in CS needs to adapt always new things.family, brothers, and sisters.

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

The Challenge is to teach a subject bound to the syllabus.It requires more exploring subjects as per industry demand.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

The best advice from my side is...be emotionally so strong such that any situation doesn't change your aim..it is always clear what you want in your life..and that decision is yours only not by others.

How do you keep up to date with the latest trends and advancements in the field?

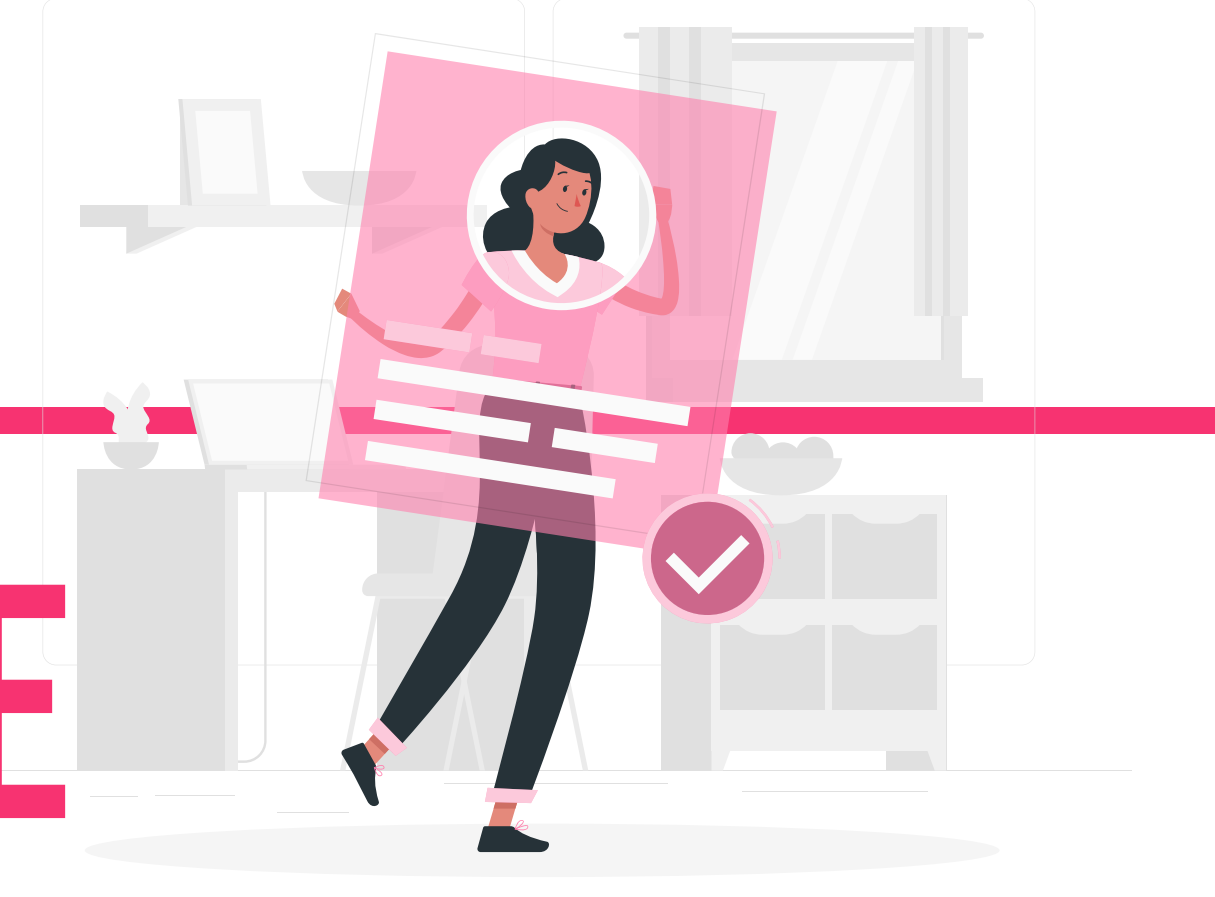
With joining the latest **FDP, STTP** and special training sessions. Using online platforms.

Please suggest some CS platforms that you follow and that everyone should follow.

Udemy
scala
nptel
cousera
Geeks for Geeks

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

The Challenge is to teach a subject bound to the syllabus It requires more exploring subjects as per industry demand.



MRS. BHAGYASHREE A. UDAGAVE

Mail id : udagave.bhagyashree@kitcoek.in

Prof. Bhagyashree has been contributing to the field of education for the last 6 years, and has taught subjects such as Machine Learning, Python, C, C++ programming, Operating Systems, Computer Networks, Computer Security, System Programming and Visual Basic (VB).

How has the field changed since you started in CS, and what was your inspiration?

The field of computer science is changing dramatically. It is becoming increasingly important as the economy becomes more dependent on computers and the Internet. We started with RAM in MB for a desktop machine which now has a capacity of GB. Computer hardware and software technology are rapidly increasing in power and sophistication. Because the changes are happening so quickly, it can be difficult to predict where the field of computer science will go over the next 10 to 20 years. I was motivated purely by curiosity and frankly speaking because of the craze of getting high packages:).

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

As I said, the field is changing dramatically, so it needs to be updated and more aware. Computer Science is seen as an area of instruction that demands complex conceptual knowledge and is highly technical and practical. Computer Science subjects such as programming, database development, and artificial intelligence (AI), are challenging to both the instructor and the learner because learners are expected to improve a range of both theoretical and practical skills. To overcome these challenges.

I used to take training on different new subjects. It may be through faculty development programs, workshops, and making use of some online platforms.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

I always think about the best way to achieve balance at work and in my personal life. It's needed to maintain the flexibility to get things done in professional life while still having time and energy to enjoy your personal life. I would like to advise girls, **don't try to be perfect rather stay realistic**. Some days, you might focus more on work, while other days you might have more time and energy to pursue your hobbies or spend time with your loved ones. Balance is achieved over time, not each day.

How do you keep up to date with the latest trends and advancements in the field?

One of the more traditional ways of keeping up with technology is by reading the technology sections in major news outlets. Attending technical events like conferences gives you a chance to deep-dive into the latest developments in the tech sector. Reading **technical blogs**, and **joining technical communities** are ways to stay updated with trends in the field.

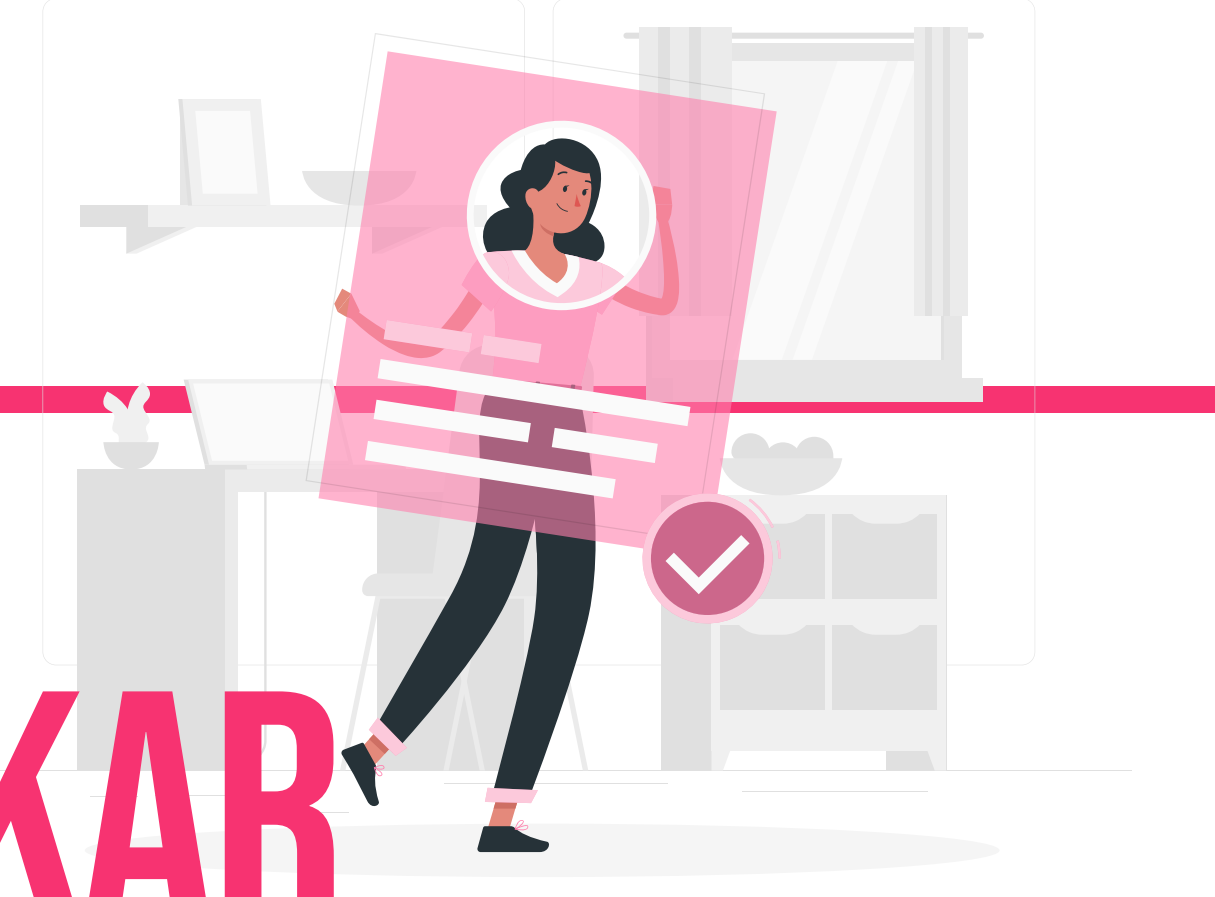
Please suggest some CS platforms that you follow and that everyone should follow.

Online platforms like **GitHub**, Moodle, Udemy, Coursera I used to follow. YouTube is also there but you must be time specific with it.

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

The project-based learning approach is a powerful and engaging teaching strategy. Taking brainstorming sessions to solve problems will help to develop higher-order thinking skills, allowing students to experiment with the topic. These are some best teaching and learning practices from my point of view. According to the **American Association of University Women**, computer science has one of the smallest pay gaps between male and female professionals, with women earning **94%** of what men earn. A woman can work as a CS tutor, Software Developer, Web Developer, Mobile App Developer, IT Project Manager, Systems Architect, or AI Engineer.





MRS. CHHAYADEVI H. KHAMBALKAR

Mail id : khambalkar.chhayadevi@kitcoek.in



Prof. Chhayadevi has been contributing to the field of education for the last 12 years. She has taught subjects like Data Structures, DBMS, Data Mining, Computer Graphics & Virtual Reality, Java, Advanced Java, C, C++, Python, Automata Theory, and Compiler Construction.

How has the field changed since you started in CS, and what was your inspiration?

It has been a long time, since the internet came into our lives, and since then, the world is changing continuously with the evolution of technology. Technology is constantly making our lives easy and better in every aspect, and with the increasing population, the demand for technological industries and experts is also at its peak. My parents inspired me in my life. They faced so many problems in life but they never give up and did hard work for us. They are the only ones who always supported and motivates me to achieve my goal.

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

Teaching B.Tech computer science is not the same now as it was before. The curriculum and education related to computer science engineering have been updated as per the latest technologies and trends. Although there are many engineers out there, that are experts

in particular fields of engineering, there are some required knowledge and skills, that made computer science engineers different from others.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

- 1) Organising your day and making a schedule for yourself will help in having a stress-free day. Find a balance between our personal and professional lives
- 2) Manage your time
- 3) **Priorities** your work
- 4) Create a schedule and **stick** to it

How do you keep up to date with the latest trends and advancements in the field?

I Regularly keep up with industry trade publications and websites; national, regional, and city newspapers; influential bloggers and business leaders. I get involved in the industry. Join industry associations, attend their events, take training, and participate in online communities.

Please suggest some CS platforms that you follow and that everyone should follow.

Data Science
AIML
Web development

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

Recent developments show that technology will play a vital role in the future of education. With online learning entering the mainstream, we are already seeing the trends where technology is all set to make major changes in the education industry. Be it artificial intelligence-based assessment tools like PrepAI or technologies like AR/ VR in classrooms, the concept of learning is changing and evolving into something new and potentially better.

The career paths for women are project manager, quality assurance tester, and business analyst. Women also pursue careers as data scientists.





MRS. MRUNMAYEE M. BACHATE

Mail id : bachate.mrunmayee@kitcoek.in

Prof. Mrunmayee has been contributing to the field of education for the last 6 months, teaching subjects such as IoT and Python.



How has the field changed since you started in CS, and what was your inspiration?

CS was so trending during my college days

When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

To learn new trends with managing your work.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?
not that tough at all if you pre-plan accordingly. And get help from family

members. believe in yourself. Be **brave** and keep going.

Please suggest some CS platforms that you follow and that everyone should follow.

It totally depends on personal interest.

How do you keep up to date with the latest trends and advancements in the field?

Learning is the only key.

MRS. MEGHANA V. BANDIWADEKAR

Mail id : bandiwadekar.meghana@kitcoek.in

Prof. Meghana has been contributing to the field of education for the last 5 years, teaching C and Python programming, software engineering, and advanced database management.



When teaching CS, what challenges did you face? What strategies do you use to overcome these challenges?

In teaching first, understanding the student's minds and what the students are expected for a particular subject is important and this is challenging.

How do you balance your professional and personal life and what do you advise girls who are pursuing engineering when it comes to facing changes in both their personal and professional lives?

Actually is not easy to **balance** your professional and personal life but If you are happy and satisfied with your work and personal things then you automatically balance.

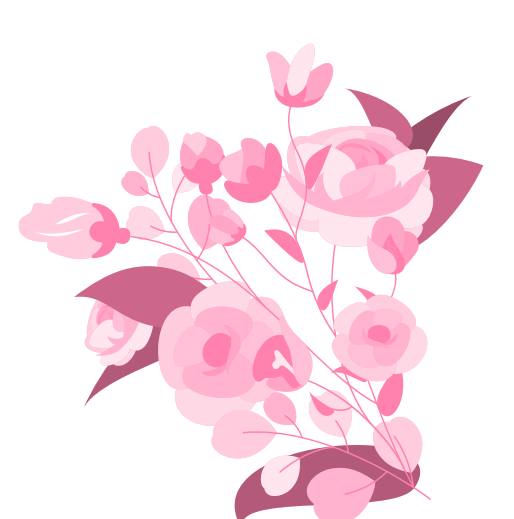
How do you keep up to date with the latest trends and advancements in the field?

Nowadays it is important to be always up to date with the latest trends

Always search for new technologies that's improving **professionalism**. Communication with people, visiting new places, and the company are important to Learn new and advanced techniques.

Can you share your views on future CS education (what you feel are the best teaching learning practices) and career paths for women?

CS education is always good for everyone. There are new technologies and new challenges that are improving professional development.





Message from Prof. Archana

My humble say to all my dear student friends,
If you are thinking only computer engineering students can code then you are wrong!

As it is a trending field; huge competition is there in the market. Besides engineering students, Commerce students are also playing a big role against CS engineers. Employers are hiring only specialized CS engineers and intelligent people. Tech companies like Apple, Google, Facebook, Microsoft, IBM, and Samsung are spending too much on research in m/c learning, augmented reality, virtual reality, deep learning, data mining, block chaining, and cyber security. Get refreshed, Set the Goal, Invest your time, and achieve your goal.
Every Human is Self super-powered.
Believe in yourself.
All the very Best.

Message from Prof. Dipali

On the occasion of women's day I would like to say " Today's girls with ambition are tomorrow's women with perception" - Happy Women's Day

Message from Prof. Shivani

I just want to tell all the students that your parents are spending for you and they have dreams for you. So you should make your parents feel proud. Just try to make it out, set the goal and just trigger for it and just get it. That's the only thing I want to tell every student. I just want everyone to make their parents feel proud and when you are making it your whole life is going to be beautiful.

Message from Prof. Ranjeeta

Aim to keep your standards high and have a clear mindset. Today's generation should not lose their focus while achieving their aims and goals.

Message from Prof. Madhuri

Always listen to your inner voice of you and do accordingly.

Message from Prof. Bhagyashree

I just want to advise based on some experience and the occasion of this woman's day, to help push yourself to be the best: Achieving career success is not easy. Stick to your values that create the most authentic groundwork and purposeful life. Never stop learning, and celebrate your successes—no matter how small or big it is. Just remember, you are a great person regardless of where you are on your career ladder.

Message from Prof. Meghana

Always think of the positive that helps to achieve your goals.

Message from Prof. Sapana

The global economy will resurface in 2021, and new technologies will very definitely be the catalyst. In the following years, the top technological developments stated above are expected to take over our daily life. Jobs in these technologies and the abilities linked with them will be incredibly valuable, and getting an education in these fields will undoubtedly benefit you in the long run. In 2021, selecting and mastering the appropriate new technology will make you future-proof. Students can boost their job prospects by researching the latest technologies in computer science or IT trends. They can study information security, machine learning, and bioinformatics as concentrations or electives. For students interested in a specific area of education, several colleges even offer complete degrees in artificial intelligence, cybersecurity, and robotics.

TECHNO-SCIENTISTS



Frances E. Allen

Frances E. Allen was a pioneering computer scientist who made significant contributions to the field of optimizing compilers. Her most famous work was on the development of the Program Optimization and Test (PO/T) software for the IBM Stretch and Harvest computers, which helped to improve the performance of compilers and other software systems. In 2006, she became the first woman to receive the Turing Award for her work in optimizing compilers.

Radia Joy Perlman

She is an American computer programmer and network engineer . She is a major figure in assembling the networks and technology. She is most famous for her invention of the spanning-tree protocol (STP), which is fundamental to the operation of network bridges, while working for Digital Equipment Corporation, thus earning her nickname "Mother of the Internet".



Jennifer Widom



She is an American computer scientist known for her work in database systems and data management. She is notable for foundational contributions to semi-structured data management and data stream management systems. Since 2017, Widom is the dean of the School of Engineering and professor of computer science at Stanford University. Her honors include the Fletcher Jones Professor of CS and multiple lifetime achievement awards from the Association for Computing Machinery.

Vera Turán Sós

Dr. Sós is a Hungarian mathematician who has made important contributions to many areas of mathematics, including number theory, graph theory, and combinatorics. She has published over 100 research papers and has been recognized with numerous awards and honors throughout her career. Some of the awards and honors that Dr. Sós has received for her contributions to mathematics include: The Balzan Prize in Mathematics in 2012, The Abel Prize, often referred to as the "Nobel Prize of Mathematics," in 2021, The European Prize in Combinatorics in 1992.



Fei-Fei Li

She is a computer scientist and AI expert who is known for her work in computer vision and deep learning. She has received numerous awards and honors, including the IEEE Computer Society's Technical Achievement Award and the Mark Everingham Prize from the European Conference on Computer Vision.



PLACEMENT A.Y. 21-22

Company Name(21-22)	Placed Girl Count
Adobe Systems	1
BNY Melon	1
Capgemini,Pune	13
Adani Group	3
Netcracker	3
Byjus	1
Persistent Systems	10
Tieto EVRY	1
Hexaware Technologies	4
Agiliad	2
Zensar	2
Mindtree	1
BirlaSoft	1
Infosys Pvt. Ltd. Pune	3
Wipro Systems	19
SLK Software, Bangalore	3
TCS Ltd., Pune	15
Tech Mahindra	1
Kale Logistics	1
Extrapreneur India Pvt. Ltd.	7
Thincloud Solutions Pvt. Ltd.	3

PLACEMENT A.Y. 22-23

Company Name(22-23)	Placed Girl Count
HSBC	6
Wynum	2
TCS	10
Knorr Bremse	5
DXC	36
Hexaware	7
Hoonartek	5
Selfmade Softwares	2
Quest Global	6
Jibe	5

TECHNOSITES



Technosites KITCoEK

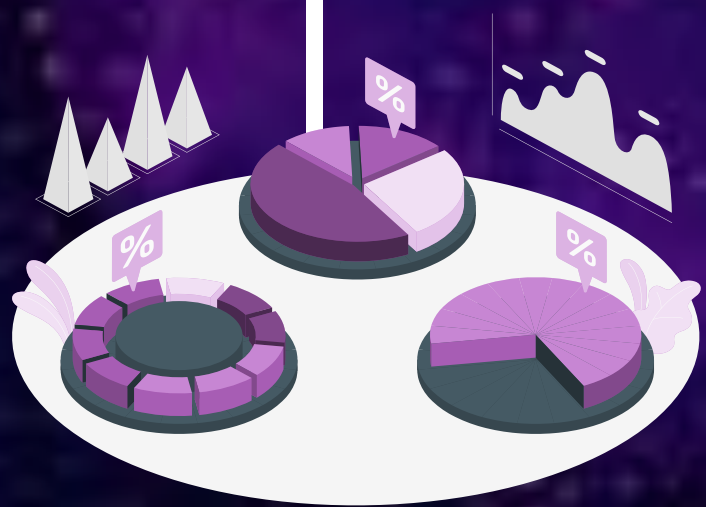
Department of Computer Science & Engineering



TECHNOSITES

DEPARTMENT OF

COMPUTER SCIENCE AND ENGINEERING



PLACEMENTS



ACTIVITIES



ACHIEVEMENTS





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INDEX

1 INTERVIEW SECTION

- ▶ FACULTY: Prof.Dr. MOHAN. B. VANAROTTI
- ▶ ALUMNI: KSHITIJ SANGAR
- ▶ STUDENT: SANJANA SAWANT

2 DEPARTMENTAL ACTIVITIES

- ▶ PARENTS MEET
- ▶ COSMOTECH

3 TECHNO TOOL

- ▶ ORANGE DATA MINING

4 KITCOEK CLUBS

- ▶ TEAM: AURA
- ▶ TEAM: NOVUS
- ▶ TEAM: SHOURYA

FACULTY INTERVIEW

PROF.DR. MOHAN. B. VANAROTTI



Prof.Dr. MOHAN. B. VANAROTTI
Director, KIT's College of Engg
(Autonomous) Kolhapur

“

As you are the director of our institute, many students are curious to know your educational/career background; so please brief us about it

I earned my Doctoral Degree from VTU Belagavi in 2015, and my Master's in 2004. I graduated from Guru Nanak Dev Engineering College, Bidar Karnataka in 1999. I have 22 years of experience in industry, academics, and Research and worked with reputed universities such as Anna University, VTU, Christ University, DBATU, Loneri and Shivaji University, Kolhapur. I executed 03 funded research projects (approximately INR 3.0 Million) funded by the Department of Atomic Energy, Indian Institute of Science Bangalore, and Christ University, Bangalore in the field of Composite materials. I published over 20 Technical papers in national and international journals and conferences. I was an expert panel member and evaluator for student projects at, Karnataka State Council for Science and Technology (KSCST).

“

How do you ensure that your institute's curriculum and programs are aligned with the latest trends and developments in the engineering field?

We set our curriculum as per the guidelines of AICTE and Shivaji University. Being an autonomous institution it is always advantageous in setting our curriculum. We at KIT have an Industry Advisory Board apart from having our Board of Studies. That helps us in aligning our curriculum with the latest trends and developments that happen in the industry and Engineering field.

“

What inspired you to pursue a career in engineering, and how was your background influenced your approach to leading an engineering institute?

Engineering is a creative profession and I was a very creative child from an early age hence, my parents motivated me to pursue my Engineering career. Since my father was a teacher and also my role model which made me become a teacher in Engineering College. Then the knowledge I gained in teaching, Research and administration in working with reputed institutions and universities made me lead KIT as one of the best Engineering Institutions in western Maharashtra.

FACULTY INTERVIEW



“

Can you discuss your institute's relationships with industry partners and how they benefit your students and faculty?

Since our trustees are industrialists, we have excellent relationships with industries of national and international repute. Any industry that visits KIT always shows interest to have a tie-up with it. The latest example is KNOR BREMSE, a German-based MNC that is an authority in the world in designing braking Systems for Railways, Metros, and heavy trucks. This MNC has chosen KIT to start a research centre at KIT by hiring our students after visiting all the colleges. As a result of this 27 students got placed in that company.

“

How do you encourage innovation and creativity among your faculty, and what steps do you take?

In engineering college Encouragement towards innovation and creativity is very important. The mindset of Engineering students towards problem-solving with new ideas is very high. Encouraging and motivating them to think outside of the box is essential. It is also crucial to provide necessary resources and supports innovation. We at KIT have state of an art Mayura AICTE IDEA lab where students can come up with ideas and our mentoring team will help them convert their idea into products. We have many incentive schemes also for such innovative works. Apart from this, we conduct regular training sessions for faculty to upgradation of their knowledge and students to learn the latest developments in the industry. We have conducted a one-week workshop for the Faculty of KIT and resource persons from NITTTR, Kolkata on topics like the use of ICT in teaching and research.

“

What role do you believe interdisciplinary collaboration plays in engineering, and how does your institute promote collaboration across departments and disciplines?

The importance of Interdisciplinary Engineering is very essential as the challenges of the world are becoming more and more challenging and complex. This requires bringing experts from different fields to solve the common problem. We have included projects in the curriculum for students at different levels from the first year onward only. We give a lot of emphasis to project-based learning. We insist and reward these projects which are multidisciplinary. This has made enhanced problem-solving, increased their efficiency and communication, teamwork and overall professional growth.

FACULTY INTERVIEW



“

How do you measure the success of your institute and its graduates and what metrics do you use to assess your programs and make improvements?

The success of any institution is measured based on the success of its students. KIT also admits a higher quality of students each year, which reflects the success of our students. We have plans for every student who gets admission and passes out from KIT should be either placed in MNC should go for higher studies or become an entrepreneur. We have succeeded in executing this plan successfully to become the preferred choice for our stakeholders.

“

As we see, there are many clubs that are passionately working in our institute, so any improvements you like to share, could be more beneficial for those clubs as well as the students

My plan in the next 5 years is for KIT to be a nationally recognized university with multidisciplinary programs as mentioned in NEP 2020. It will be ranked under NIRF with all branches accredited. Students also will see a lot of changes in the next 5 years.

Students at KIT shall see a greater emphasis on personalized learning, increased use of technology, and collaboration in research with institutes like BARC. Also, as the world is becoming more and more interconnected so is increased opportunity for global education and cultural exchange etc.

“

How was your experience of the alumni-meet in 2023?

The experience of the last Alumni Meet -2023 was amazing. We received a notable response from alumni from India as well as abroad. The feelings expressed by our alumni about the progress of the college from their days were very inspiring. We also felt very proud to meet our proud alumni who are in very high positions in different parts of the world.



ALUMNI INTERVIEW

INTERVIEW

PROFILE

Name : Kshitij Sangar

Company: Persistent System



Kshitij Sangar
Student, KITCOEK

As a valued alumnus of KIT's family, how was your experience at KIT?

I'm Kshitij Sangar, an Alumni of KIT who passed out in 2022. Currently, I'm working as a Software Engineer @Persistent Systems. I was pretty much a proactive person and always excited about college club activities, preferably technical. The college is important, and the environment in the college is important, but I considered myself in a thunderstorm and riding my own boat. When you think it that way you start doing stuff that you have never imagined. So, I just followed what my heart said with that thought in mind, which directly resulted in me participating in various stunning college clubs like WWW, and ACSES; me working on personal technical projects with the help of YT, and Google; me Leading the Developer Students Club, me Leading Walk With World organization, me being a Microsoft Student Learn Ambassador, me working as one of the 4 core team members of VLab KITCOEK; me conducting technical sessions internationally and in our colleges and what not. And trust me, by overcoming the fear of the crowd due to my conducting sessions, and events I am a very confident person at work.

What are your suggestions for SY and TY students to grab best placement as you achieved? please share the technical flow for it

Regarding the placement rounds, there were a total of 5 rounds before I cleared the top package offered by Persistent Systems in 2021. First I cleared the basic Technical MCQ Round which had questions w.r.t OS, DBMS, System Design, Networking, and Data Structures; Then I passed the basic coding round which targeted problems covering arrays and strings mostly; this round decided who will be shortlisted further for Advanced coding round and who will be offered base package interview. I got to appear in this coding round and that too I cleared; the questions targeted Dp and graph. Further, I cleared the first technical interview where I was asked 2 medium-level questions and 1 tough which was about Graph. And finally, I got an email to appear for the advanced coding interview which was a pretty fine round. According to me, what got me into this company is the first and the most important one i.e. the coding skills which anyone can upskill with Leetcode and InterviewBit I benefited the most.

ALUMNI INTERVIEW

INTERVIEW

We want to know about your projects and what is your advice for the students who want to grab higher packages

Resume Builder using Django, Autobulk email and Autobulk certification system using Python, and Gym Buddy Android app were a few of my personal and college projects. I had developed and worked on many other projects personally and apart from academics which is necessary and everyone should do because if you are not able to decide what you should work on then what good will you do to a company that's hiring you. Your **extracurricular activities** and moreover projects stand you out from the others. So make sure you have 4-5 projects bagged after 4 years. So on average 1 to 2 projects per year. Come on guys you can definitely do this. Best Luck.

How do you keep up to date with the latest trends and advancements in the field?

By thinking of a new project idea and trying to use the latest tech stack languages to give birth to that project idea you can stay ahead of everyone. Whenever I felt like a particular tech stack might be difficult and I shouldn't use it as it was not in sync with my academics, I rebelliously selected that tech stack or language to implement an idea. Because I knew that by the end of that project, I'll at least be a beginner with that technology.



Please suggest some CS platforms that you follow and that everyone should follow

W3Schools for DB and practicing the queries. GeeksForGeeks to study DS, and InterviewBot for coding practice; I prefer this over Leetcode because here the problem statements are bifurcated according to the company that asked them more frequently and recently. I tried to solve some problems asked by Product based companies.

Being a president of WWW, how did it help you in your academics?

The leadership that I showcased in that organization has given me enough **confidence** to naturally take a well thought decision and also in most of the hackathons, I am nominated as a lead with everyone's natural instincts. This assures me that I have correctly utilized my expertise or experience in leadership and communication for the better good.

We would love to hear anything else you would like to share :)

Yes, there's good advice as a caring senior. By looking and knowing about the brief hiring process of companies and through questions asked in the interview, most of you must be having this thought at the back of your mind that you might not even clear the basic rounds and won't even land a base package. I know this feeling and I have seen many who have had similar thoughts before placements. To them, I have one good suggestion, all those are just crab thoughts, you are going to kill it at the interviews with the best company. **Have faith in yourself**, prepare with **dedication**, and bam! You are already on the other side of the victory line.

STUDENT INTERVIEW

INTERVIEW



PROFILE

Name : Sanjana Ganesh Sawant
Company: HSBC
Package: 9 LPA
Job Profile: Trainee Software Engineer

Sanjana Ganesh Sawant
Student, KITCOEK

Can you tell us about yourself and journey from 1st year to final year?

I'm a final year student from B.Tech. CSE who loves to code. Speaking of my journey, in my first year, I wasn't really aware of coding. But during lockdown, I got exposed to it and really enjoyed solving problems. I also took up a lot of courses on Coursera which helped me understand my area of interest and also helped me develop skills that were otherwise not taught in the college curriculum.

Tell about your projects

I personally focus on building projects that will help me learn something new. So, apart from the projects in college, I've made a few personal projects in ML, Android, and Python.

Platforms to study

LeetCode for coding
 GeekForGeeks for conceptual understanding
 InterviewBit for last minute revision before interviews

What was the process for the company that you got placed in? How did you prepare for it?

I've got placed in 3 companies and the process was different for all three of them.

DXC :

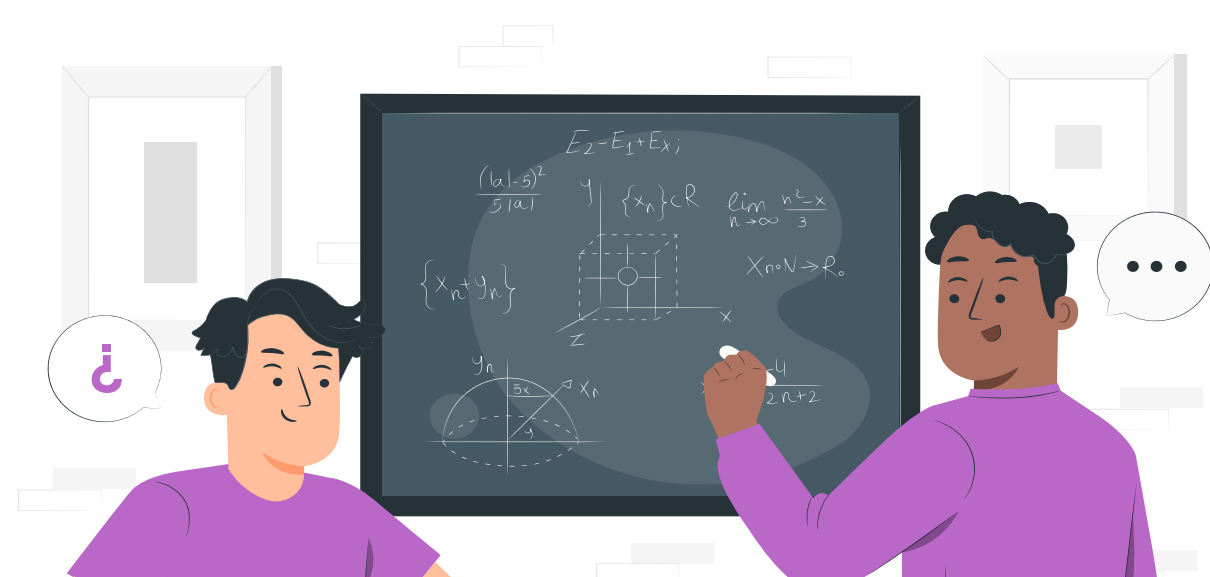
Round 1 – Online aptitude test
 Round 2 – Virtual interview

Wynum :

Candidates were shortlisted based on marks in 10th, 12th and aggregate CGPA. Then, direct interviews (Technical + HR) were conducted

HSBC :

Round 1- Aptitude + Technical and Coding
 Round 2 - Cognitive + Technical Assessment
 Round 3 – Technical interview
 Round 4 – HR interview



STUDENT INTERVIEW

INTERVIEW



What do you think set you apart from other candidates during the hiring process?

I believe that every candidate is unique. But your confidence and the way you present yourself is what sets you apart from others. It took me a few interviews to get used to the process. But now that I'm familiar with the process, I know that how fast you connect with the interviewer is very important. What makes me different from others is that, during interviews, I give crisp and honest answers. Because beating around the bush only leaves a lousy impression on the interviewer.

What advice do you have for other computer science and engineering students who are looking for internships or full-time job opportunities?

Focus on the core subjects in college. Have a clear understanding of the fundamentals, they'll help you in the longer run. Take a few extra courses that could add to your skills. Practice coding on any platform you are comfortable with (I prefer LeetCode). And most importantly be consistent in your efforts.



HSBC

9 LPA

**TRAINEE SOFTWARE
ENGINEERING**

HSBC



DEPARTMENTAL ACTIVITY

PARENTS MEET

Date : March 19, 2023

Venue : KIT College of Engineering



Introduction : The Parents Meet at KIT College of Engineering was held at the college seminar hall. The meeting started at 10 am sharp, and the Parents Meet Coordinator, Prof. Archana Sawant, welcomed all the parents and faculty members who were present. The Head of Department (HOD) of the Department of Computer & Science Engineering was also present.



Speeches: The Head of Department (HOD) of the Computer Science & Engineering Department, Prof. Dr. Ajit Patil, highlighted the progress and achievements of the department. He discussed the various initiatives the department took to enhance the academic and research activities. He also emphasized the importance of the industry-oriented approach of the department and the efforts made by the faculty to prepare students for the corporate world.

The Director of the Institute, Prof. Dr. Mohan B. Vanarotti, addressed the gathering and guided the Institute's vision and mission. He highlighted the funds raised for research in IDEA LAB and the importance of the overall development of students and the need to prepare them for the challenges of the future. Dr. Y. M. Patil, Dean - Examination and Evaluation discussed the examination and evaluation system details. A brief description of the sessional exams and their weighting in the marking scheme was provided by him.

DEPARTMENTAL ACTIVITY

PARENTS MEET



Prof. Archana Sawant, the Parents Meet Coordinator, directed the welcome of the parents and thanked them for their presence. She highlighted the importance of the parent's role in their children's education and emphasized the need for active participation and support from the parents. She also assured the parents that the department and Institute are committed to providing the best possible guidance, education, and support for their children.



Academic Performance: The academic performance of the students in the Computer Science & Engineering Department was discussed in detail. The faculty members highlighted the achievements of the students in various academic fields, including academic excellence, research, and innovation. The parents were shown the progress reports of their children and were informed about their attendance and overall academic performance. The faculty members also highlighted the importance of regular attendance and active participation in class for better academic performance.

Placement : The placement scenario for the Computer Science & Engineering Department was also discussed. The parents were informed about the various companies that have visited the campus in the past, as well as the number of students who have been placed in these companies. The faculty members highlighted the efforts made by the college to ensure that all students are provided with ample placement opportunities. The parents were encouraged to motivate their children to participate in placement-related activities and to enhance their communication and interpersonal skills.

DEPARTMENTAL ACTIVITY

COSMOTECH



Kolhapur Institute of Technology's College of Engineering, Kolhapur's (KITCOEK) Department of Computer Science, Computer Society of India (CSI) and ACSES organized a two-day seminar "COSMOTECH" on 23 and 24 February 2023. The dignitaries on the Dias were Mrs. Pallavi Desai, Centre Head, Achievers Academy Kolhapur, Mr. Shubham Gorule, UI/UX Designer, Simdaa Technologies, Pune, Mr. Amrut Todkar, Head of Technology, Zerovaega Technologies, Kolhapur, Mr. Prashant Bhalbar, B2B growth consultant Mr. Tanaji Patil, Associate Professor, KITCOEK, Mrs. Ranjeeta Pandhare, Faculty Coordinator, CSI, Mr Arun Desai, Faculty Coordinator, ACSES.



DAY 1

The keynote address was given by Mr. Pallavi Desai, Centre Head, Achievers Academy Kolhapur. She talked about the importance of **specialization** and the scope for further studies Abroad. She gave several examples of her former students who are studying in foreign universities. She informed the students about the **prerequisites** for **studying abroad** and how to **build a strong profile** to get admission to a foreign university. In the end, she explained admission requirements, expenses, and financial aid during study abroad with the help of a presentation.



DEPARTMENTAL ACTIVITY

COSMOTECH

The next guest of day 1 was, Mr. Shubham Gorule, UI/UX Designer, Simdaa Technologies, Pune. He gave a lecture on UI/UX Design. Sir explained what is Design, Types of Software. He gave information about various software required for UI/UX Designing. At the end of session, he talked about things should do before start Career in UI/UX Designing. The first day of the two days seminar COSMOTECH was very informative and provided the participants with enormous knowledge on UI/UX Designing as well as Scope of further studies abroad.

DAY 2

The dignitaries on the Dias were Mr. Amrut Todkar, Head of Technology, Zerovaega Technologies, Kolhapur, Mr. Prashant Bhalbar, B2B growth consultant, Mrs. Ranjeeta Pandhare, Faculty Coordinator, CSI, Mrs. Ranjeeta Pandhare mam felicitated Mr. Prashant Bhalbar, sir and Mr. Amrut Todkar Sir. Amrut Todkar, Head of Technology, Zerovaega Technologies, Kolhapur conducted a session on Core CS areas and their scope. Sir explained the core areas of CS – Development, Security, Database Administration, Artificial Intelligence and Machine Learning, Software Testing, and Research.

He guided students about the skills to be developed along with their curricula like project and time management, communication skills, and coding practices.

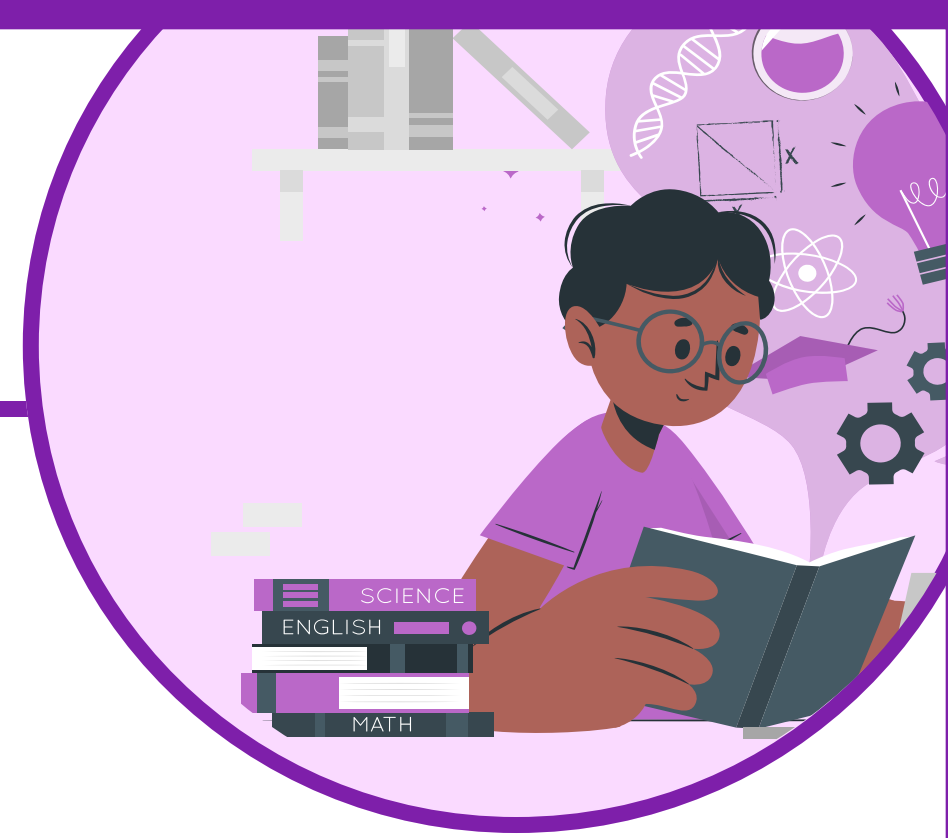
At the end of the session, he clarified the doubts of students related to the scope of CS.

Prashant Bhalbar, B2B growth consultant, GoToMarket strategies, and customer life cycle management, on CS Product international affairs. He explained how email communication is important and the importance of subject headings in emails in this era. He talked about why improvement in communication skills is necessary and the requirement of negotiation skills for students.



LEARN WITH TECHNO TOOL

ORANGE DATA MINING



Introduction :

Orange is a powerful and user-friendly open-source data mining tool that allows users to quickly and easily analyze and visualize data. With a drag-and-drop interface and a wide variety of built-in algorithms and tools, Orange is a great option for both beginners and experienced data scientists.

Benefits :

- Easy-to-use interface
- Wide range of data analysis tools and algorithms
- Interactive data visualization
- Integration with other data science tools and programming languages
- Open-source and free to use

Key Features :

- Drag-and-drop interface for building data workflows
- Hundreds of pre-built data analysis and visualization tools
- Ability to create custom data analysis workflows with Python scripting
- Interactive data visualization with a variety of chart types and options
- Integration with popular data science tools and programming languages like R, Python, and Jupyter Notebooks



Use Cases:

- Exploratory data analysis
- Machine learning and predictive modeling
- Text mining and natural language processing
- Image analysis and computer vision
- Social network analysis

How to Get Started :

- Download Orange from the official website (<https://orange.biolab.si/download/>)
- Watch video tutorials or read documentation to get started
- Join the Orange community forum for support and collaboration (<https://forum.orange.biolab.si/>)

LEARN WITH TECHNO TOOL

ORANGE DATA MINING

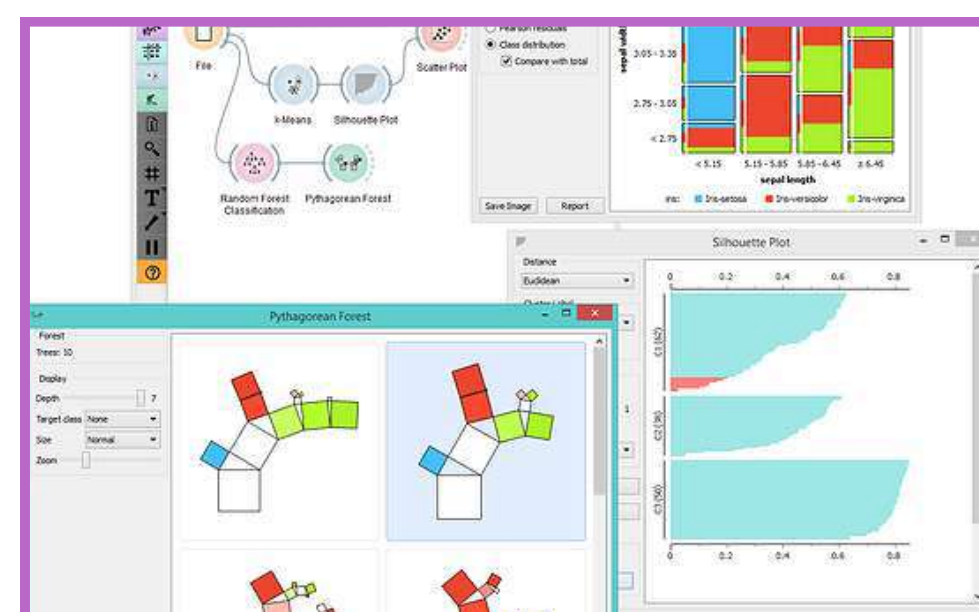
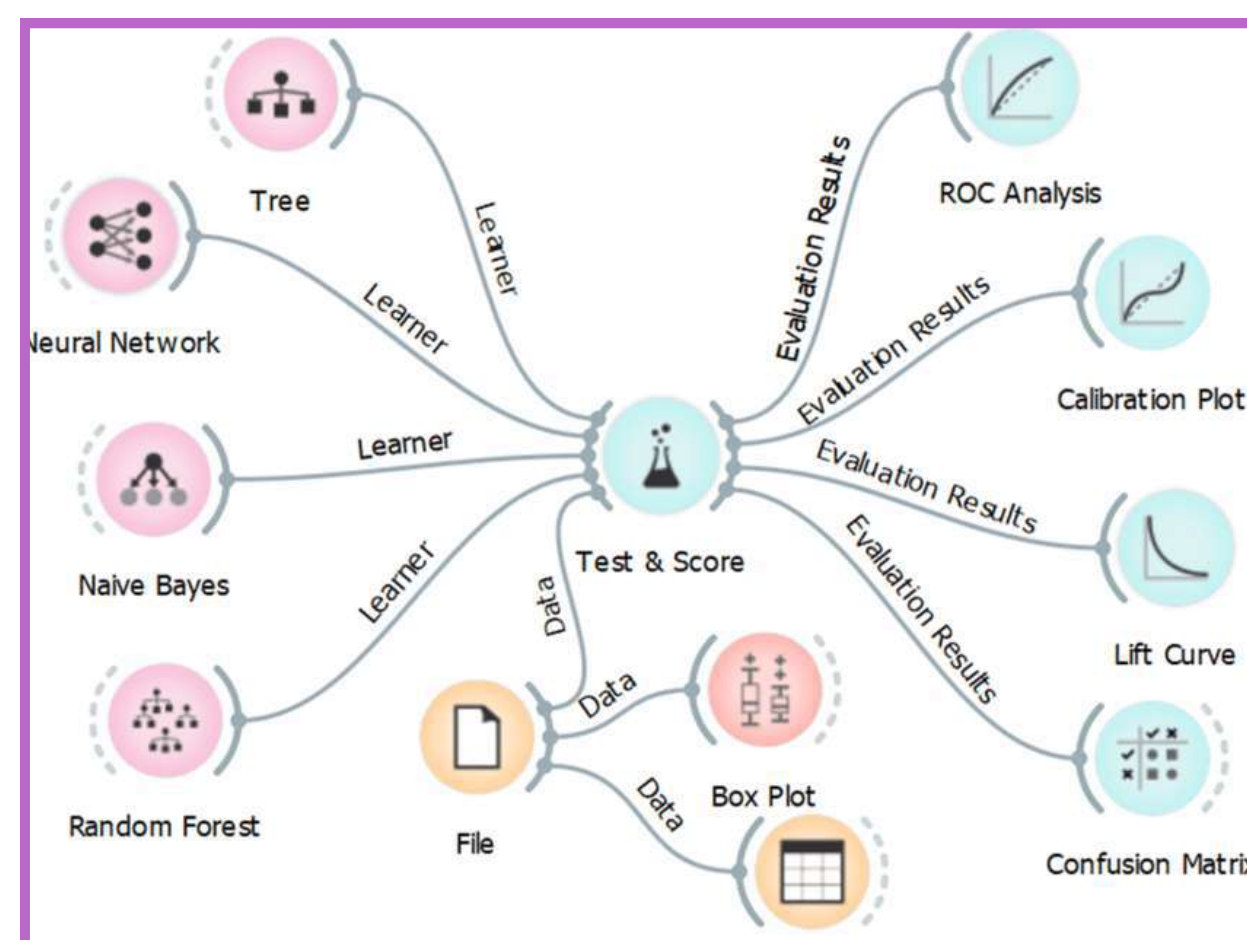
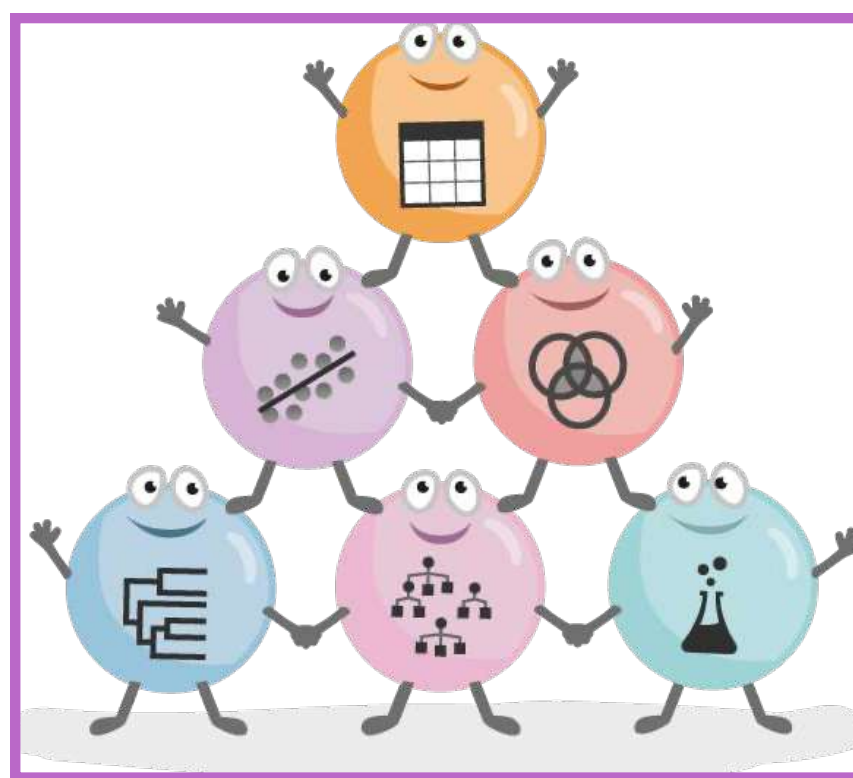


Best Practices :

- Start with simple data analysis workflows and gradually add more complex tools and algorithms as needed
- Take advantage of the interactive data visualization tools to gain insights and identify patterns in your data
- Collaborate with other data scientists and researchers by sharing workflows and data analysis results
- Stay up-to-date with new features and updates by following the Orange blog and social media channels

Conclusion :

Orange is a powerful and user-friendly tool for data mining and analysis that is perfect for both beginners and experienced data scientists. With a wide range of built-in tools and algorithms, as well as the ability to create custom workflows with Python scripting, Orange is a great option for anyone looking to analyze and visualize data.



KITCOEK CLUBS



1

TEAM : AURA

FACULTY CO-ORDINATOR - Prof. PRAMOD K. JADHAV
PRESIDENT - BHUSHAN BIRJE
VICE PRESIDENT - SAKSHI KUPALE



AIM:

Aura is a student-led art club that aims to foster creativity and artistic expression among KIT's students.

EVENTS:

Aura conducts an art exhibition (Kaladalan), painting competition, rangoli competition, filmmaking competition also photography competition. Celebrates Ganesh Utsav on a college campus.



INFORMATION ABOUT CLUB:

The club believes in the power of art to inspire, educate, and transform individuals and communities, and it seeks to promote creativity, diversity, and inclusivity through its events and activities.

2

TEAM: NOVUS

FACULTY CO-ORDINATOR - Prof. V. D. KAMBLE (Mechanical Dept.)
PRESIDENT - YASH PATIL



CLUB INFORMATION :

The Robotics Club of KIT is a student club that focuses on helping a student to learn about Robotics and participates in Inter college competitions. This club focuses on developing students' knowledge in the field of Robotic technology with the help of other students. All the students from different branches contribute together to help each other learn.

EVENTS : Guest lecture on the scope in the field of robotics by Mr.Pushkar Shinde who is a robotics engineer, and project analyst at New York University.

KITCOEK CLUBS



3

TEAM : SHOURYA

TEAM INFORMATION :

Started in 2013-14 and still continues for over 8 years under the guidance of Mr. Vaidya sir.

In 2014, around 8 students got recommended by SSB for different defence services.

We have done around 50+ major programs.

MOTIVE OF SHOURYA PLATFORM :

Giving ideas to engineering students about opportunities in defence.

To raise an interaction between the student who is willing to join defence services.

To give an idea about the SSB process to those students.



EVENTS :

Invited many Officers in college to interact with the student.

Visits to various defence sites and museums.

Arranged paid workshops for students who are preparing for SSB.

COMMITTEE INSIGHTS

TECHNOSITES



Technosites
KITCoEK

CORE TEAM:

- Ketan Kokitkar
- Hrishikesh Kole
- Heramb Gurav
- Sejal Vaswani
- Shreaya Panditrao
- Manasi Chougule






MENTORS:

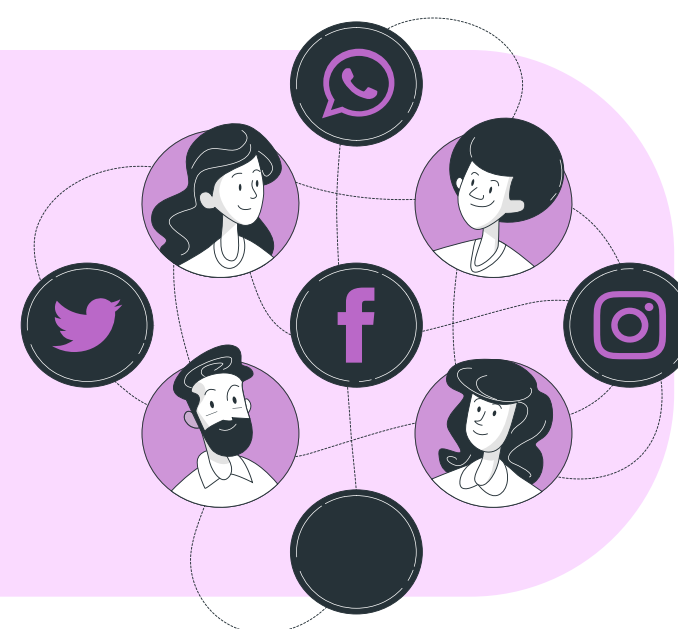
- Dr. Ajit S. Patil
- Dr. Kapil Kadam

TY TEAM:

- Shriraj Khochage
- Vivek Sutar
- Samruddhi Bhole
- Nilam Kumbhar
- Anushka Bhoy
- Pranav More
- Shraddha Jadhav
- Aarya Teli
- Hritvik Shirolkar
- Gayatri Bhagwat
- Sarvesh Pujari

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