



# Oyster'22

*Shine to Stay...*

## **BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN, PUNE**

Affiliated to Savitribai Phule Pune University  
Formerly University of Pune Approved by AICTE New Delhi.  
Pune - Satara Road, Pune - 411 043.  
Pu/Pn/Engg./150/2000



# अनित्य

## Theme Note

Impermanence, also known as Anitya in Sanskrit, is the idea that everything is constantly changing and in a state of flux. This concept is central to Buddhist philosophy and is considered one of the Three Universal Truths. It teaches that everything in the universe, including ourselves, is impermanent and subject to change.

The impermanence of all things can be seen in the natural world, where everything from seasons to the movement of the planets is in a constant state of change. It can also be observed in the human experience, where emotions, relationships, and even our bodies are constantly in flux.

In many ways, impermanence can be seen as a positive force, as it reminds us to appreciate the present moment and not cling to things that will eventually pass. It can also be a source of comfort in difficult times, as it helps us to remember that our troubles will not last forever.

अस्थिरं जगत्, न तु स्थायिनं विचार्य,  
आगतं गतं वा, न तु तिष्ठति चित्ते।  
समस्त जीवितं, अनित्यं हि दृश्यते,  
विविध विविधत्वात्, अप्रत्यक्षं न संशयः।

In the context of the magazine theme, exploring the concept of impermanence could involve reflecting on the ways in which everything in our lives is in a constant state of change, and how we can learn to embrace this change rather than fear it. It could also involve exploring how different cultures and spiritual traditions have grappled with the idea of impermanence throughout history. The cover page of our magazine depicts a clock and planets which keeps changing their position every second which portrays our theme ANITYA.

We live in a world that is constantly changing, and nothing remains the same forever. From the rising and setting of the sun to the cycles of birth and rebirth impermanence is an undeniable reality of our existence. In this edition of our magazine, we explore the theme of ANITYA and invite you to reflect on the fleeting nature of life. Through insightful articles, captivating stories, and stunning visuals, we delve deeper into the impermanence that surrounds us and how we can learn to embrace it with grace and acceptance. Join us on this journey of contemplation and discovery.

Pranita Dinanath Patil  
BE II E&TC

The Editorial Board and Bharati Vidyapeeth's College of Engineering for Women, Pune as an Institute accept no responsibility for opinions expressed and statements made by individual authors. The editorial board may or may not agree with the matter printed inside.

In Appreciation  
Principal  
Prof. Dr. S.R. Patil

## Theme Poem

अस्थिरं जगत्, न तु स्थायिनं विचार्य,  
आगतं गतं वा, न तु तिष्ठति चित्ते।  
समस्त जीवितं, अनित्यं हि दृश्यते,  
विविध विविधत्वात्, अप्रत्यक्षं न संशयः।

जाति, वित्त, श्रीरपि, सर्वं धूमं समानं यथा,  
भवन्ति नामरूपश्च, अनित्या इति तत्त्वतः।  
अध्यासः सर्वदा तुष्टाः, विपर्ययापि मोहयन्,  
एवमनित्यतां ज्ञात्वा, निराशो निःस्वार्थो भव।

भवति विनाशो देहस्य, तुल्यं सौम्येन देहिना,  
तदत्र न विचार्योऽयं, अनित्यत्वमथाधुना।  
स्वर्गं नरकादि दुःखानि, भवति सद्यः प्रवासिनाम्,  
कालो हि सर्वं नश्यति, ज्ञात्वा तं संप्रवर्तय।

अस्माकं चेतसा दृष्टं, सदा तत्र विचारणम्,  
अनित्यत्वमहं ज्ञात्वा, सुखं त्यजितुमर्हसि।  
अज्ञानमण्डले बद्धो, विद्वान् तु विमुच्यते,  
एवमनित्यतां ज्ञात्वा, मुमुक्षुर्भव सुखी।



# "Our Inspiration"

आणि बेभान होऊन त्या राबवा...







## **Dr. Patangrao Kadam**

**Founder**, Bharati Vidyapeeth, Pune  
**Chancellor**, Bharati Vidyapeeth (Deemed to be University), Pune.



## भारती विद्यापीठ गीत

सहकार्याचे सत्कार्याचे प्रतीक येथे आहे,  
या देशाचे विद्याभूषण ज्ञानपीठ आहे,  
भारती विद्यापीठ आहे.

सुजलाम् सुफलाम् मळे बहरले कीर्ती सुगंधाचे  
उजाड माळावरी उजळले दीप संपदांचे,  
संगमरवरी उभे शिल्प हे स्वप्न आभाळाचे,  
ज्ञानदान अन् पुण्याईचे पावन मंदिर आहे,  
भारती विद्यापीठ आहे.

वादळातुनी झेप घेतली ध्येय पतंगाने,  
तूफानाशी झुंज घेतली कुणी आनंदाने,  
यशवंताचे यशोगीत हे मूर्तिमंत गाणे,  
निर्धाराची निश्चल निष्ठा त्याग मागते आहे,  
भारती विद्यापीठ आहे.

सह्यागिरीची पर्वतराजी सभोवती सुंदर,  
दीनदुबळ्यांची वाट वळावी असेच आपुले घर,  
नंदनवन हे फुलामुलांचे सेवेला तत्पर,  
मानवतेची निर्मळ गंगा इथे वाहते आहे,  
भारती विद्यापीठ आहे.

छत्रपतींच्या, कर्मवीरांच्या कार्याची प्रेरणा,  
आम्हास देई शक्ती फुल्यांच्या मनातील कल्पना,  
सुमंगलाची, विज्ञानाची आम्ही करू प्रार्थना,  
येणारा प्रत्येक क्षण हा अमुच्यासाठी आहे,  
भारती विद्यापीठ आहे.

श्री. म. भा. चव्हाण





## From the Secretary's Desk

### **Hon. Dr. Vishwajeet Kadam**

B.E. (Comp), M.B.A, Ph.D.

**Secretary**, Bharati Vidyapeeth, Pune.

**Pro-vice Chancellor,**

Bharati Vidyapeeth Deemed to be University, Pune

**MLA** (Palus-Kadegaon Vidhan Sabha constituency, Sangali.)

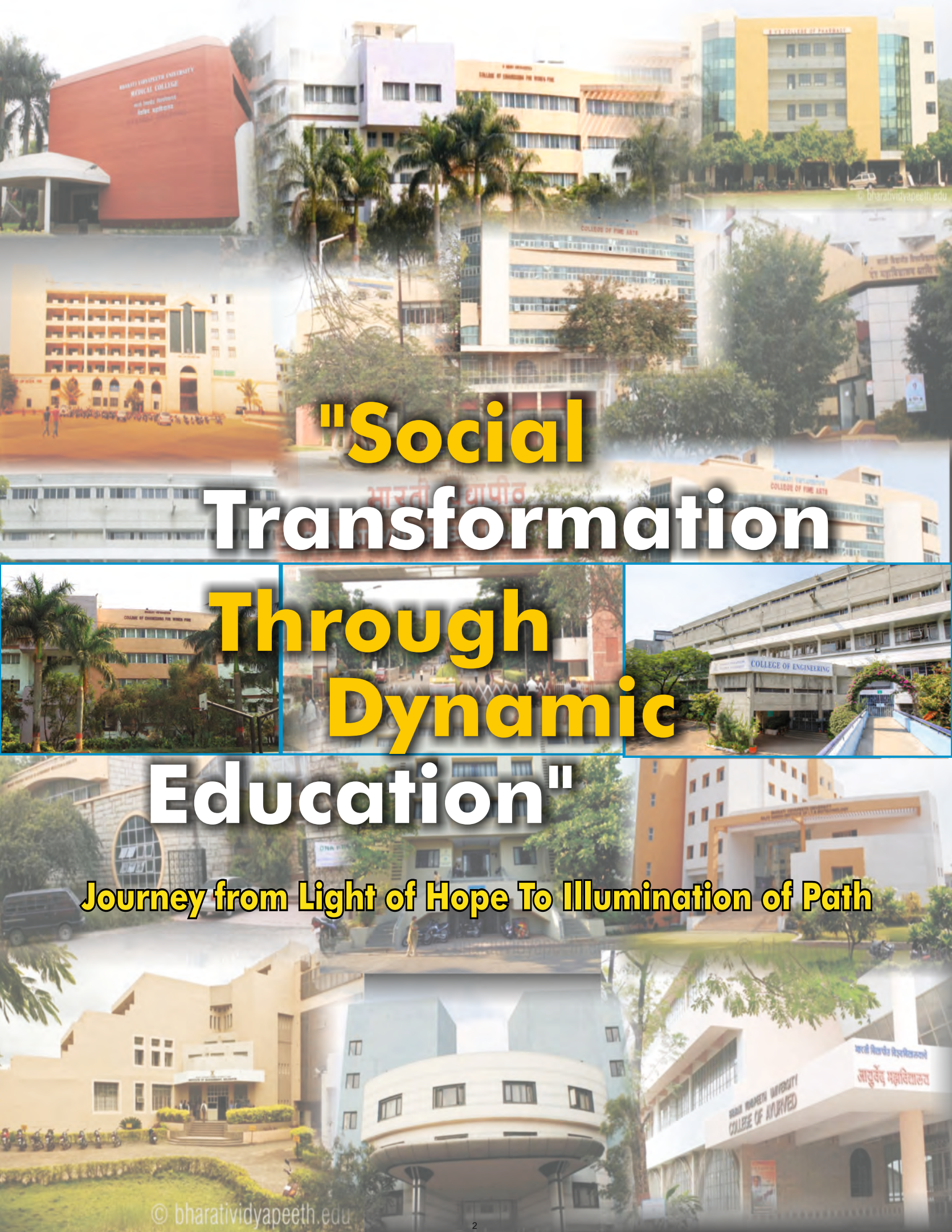
I am indeed happy to know that Bharati Vidyapeeth's College of Engineering for Women (Pune), is bringing out its annual number- OYSTER' 22 for this year. In my opinion, the activity of publishing a College periodical is an important academic activity in many respects. It provides a platform for the students to realize their literary and other creative potentials. It also becomes a historical document because it contains information about the achievements of the college, the faculty, and the students in different spheres. I, therefore, congratulate the Editorial Board of OYSTER for the initiative they have taken in its publishing the annual note.

I learned that the main theme of this issue is "ANITYA" and the issue would highlight, the positive side along with the essentiality and importance of change in our lives. I am sure it would be a very interesting and informative document. I also hope that the stories in this issue will inspire our faculty members and students to undertake innovative activities.

I offer my best wishes on this issue and to the Principal, faculty members, and students of the college.

**Dr. Vishwajeet Kadam**





# "Social Transformation Through Dynamic Education"

## "Journey from Light of Hope To Illumination of Path"

### "Journey from Light of Hope To Illumination of Path"

Journey from Light of Hope To Illumination of Path





**Prof. Dr. S. R. Patil**

Ph. D. (EC & CSE)

I/C Principal

## From the Principal's Desk

As we launch this year's edition of our college magazine, I am filled with pride and excitement at the opportunity to showcase the incredible talent and hard work of our collective achievements and I am honored to be able to contribute my own words of appreciation and encouragement to its pages.

We are happy and privileged to present to you the THIRTEENTH edition of the magazine "OYSTER". The staff and the students have put in their constant efforts day in and day out to get this outcome. The theme for the magazine is "ANITYA", which is translated as "impermanence" or "change" happening in today's world. It's a unique concept that will keep everyone inquisitive as you go through the pages.

To our student editors, writers, and designers: I extend my heartfelt gratitude for your tireless efforts in bringing this magazine to fruition. Your dedication and creativity have truly brought our college's spirit to life on these pages. To our readers: I invite you to join me in celebrating the vibrant community we have built here at our college and to be inspired by the remarkable stories and achievements you will find within these pages.

I congratulate to all involved in creating this year's edition of our college magazine.

**Prof. Dr. S. R. Patil,**  
Principal,  
BVCOEW, Pune.



## Bharati Vidyapeeth's College Of Engineering For Women

"When you educate man you educate an individual. But when you educate a woman, you educate a society. The woman who has stepped out is truly a woman of substance, a woman who has proved her potential over and over again.

Keeping the above views in mind, Bharati Vidyapeeth started women's engineering college in the year 2000. Indeed this college has truly excelled all boundaries to establish itself as a pioneer institute for women where supremacy of technology empowers girl students to pursue their passion, to realize their ambitions irrespective of their geographical scale.

The college is affiliated to Savitribai Phule Pune University (formerly known as Pune University). The college offers academic programs leading to the Bachelor of Engineering (B.E) degree and Post Graduate (P.G) degree. These programs have approval of the All India Council of Technical Education (AICTE).

The prime objective of the academic institution is to provide skilled technical manpower to the industry. Also academic institutions directly or indirectly, contribute towards the growth of the nation. One of the distinct features of this college is its well-developed laboratories. Another highlight of the college is its well-maintained library. The college provides the students with facilities such as gymkhana, internet centre etc.

Courses offered by the college are:

### UNDERGRADUATE COURSES (B.E).

- Electronics and Telecommunication Engineering.
- Computer Engineering.
- Information Technology.

### POST GRADUATE COURSES (M.E)

- VLSI and Embedded Systems.





**Prof. Yashomati R. Dhumal**

*Ph.D. (Pursuing)*

Assistant Prof., E&TC Department

## From the Chief Co-ordinator's Desk

With the blessings of our Honorable Founder Dr Patangrao Kadam Saheb, it gives me immense pleasure to bring forward the 13th edition of the annual college magazine "Oyster'22".

The annual note is an excellent platform for students to enhance their various skills amidst their rigorous Engineering curriculum. There are a total of nine sections in the magazine. Interviews of eminent personalities are taken by students to get inspired by their lives. The last two years have been a very turbulent and testing time for all of us, but it has taught us the basic characteristics of a human being and brought us back to the initial role. Keeping this in mind this year's magazine theme is 'ANITYA' which depicts impermanence and revolution.

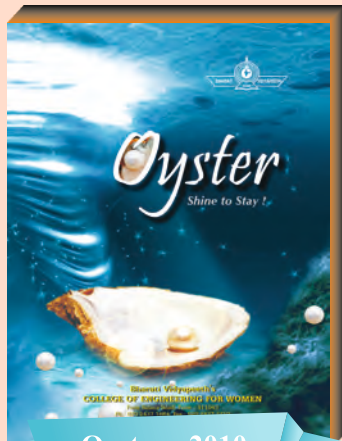
I take this opportunity to thank and congratulate the entire editorial board comprising of faculty and students for successfully completing the magazine. I especially congratulate the student editorial team headed by editor-in-chief Pranita Dinanath Patil for their tremendous hard work and unending enthusiasm in compiling the magazine. I would also like to thank the entire Bharati Management for their continuous support and our respected Principal Prof Dr. S.R.Patil for his guidance and support in compiling the magazine.

Happy reading!!

**Prof. Y. R. Dhumal**



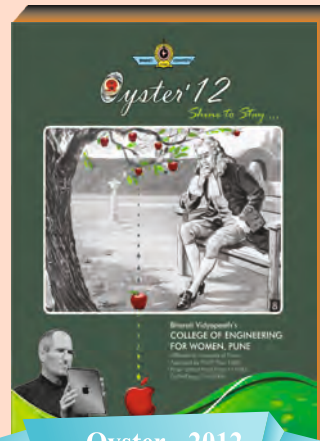
# EXCELLENCE OF OYSTER THROUGH THE YEARS



Oyster - 2010



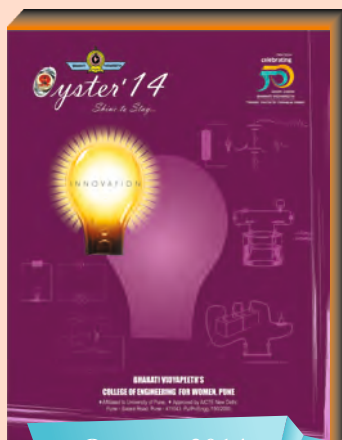
Oyster - 2011



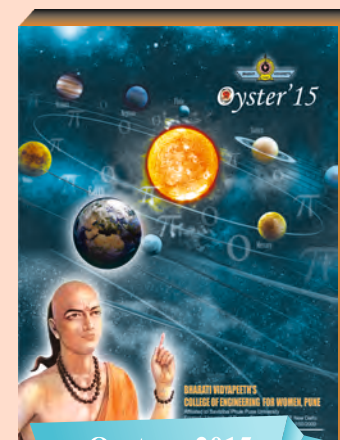
Oyster - 2012



Oyster - 2013



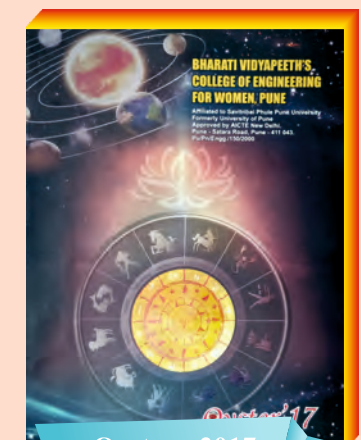
Oyster - 2014



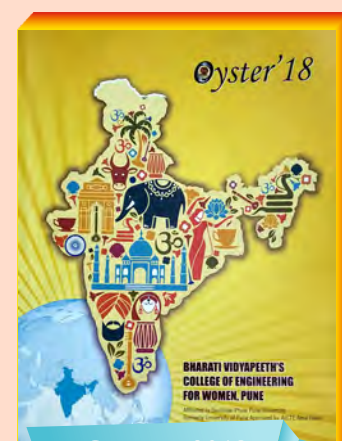
Oyster - 2015



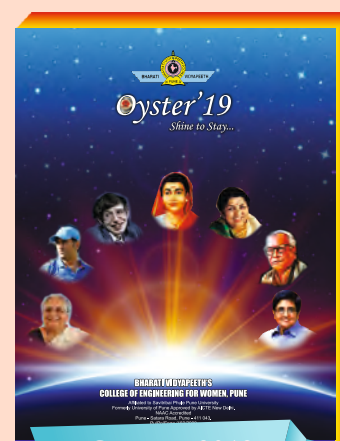
Oyster - 2016



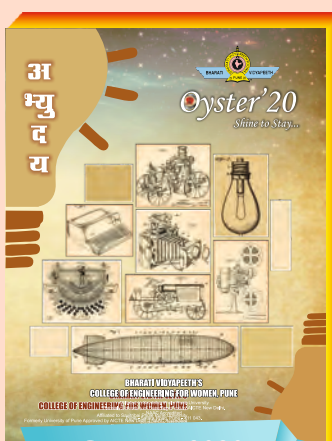
Oyster - 2017



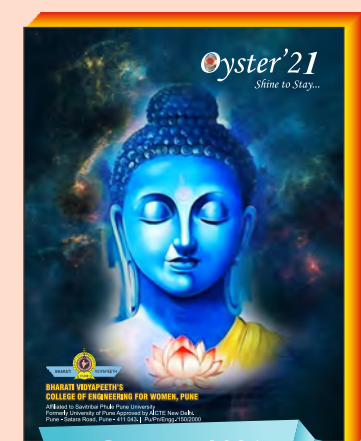
Oyster - 2018



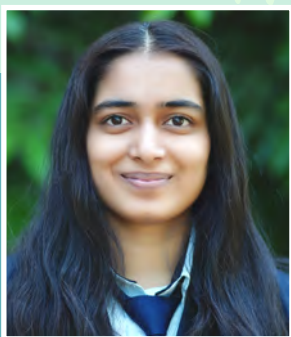
Oyster - 2019



Oyster - 2020



Oyster - 2021



**Pranita Dinanath Patil**  
BE (ENTC-2)

## From the Editor in Chief

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“All conditioned things are impermanent-when one sees this wisdom, one turns away from suffering”!

Welcome to Oyster 2022! As always, we strive to bring you thought-provoking articles, stunning visuals, and compelling stories that captivate your imagination. In this year's magazine, we're exploring the theme of ANITYA, which we believe will resonate with our readers and ignite your curiosity.

ANITYA apprises that suffering does not last, but neither do the material comforts of life. It tells you that changes happening around us are not always good but are for our own good. Accepting changes in a positive way will lead you to a peaceful and blissful life. Buddha believed that we can only come closer to enlightenment when we accept that we are changing beings. In short, 'the only thing which is constant is the change happening around us as well as within us'.

I also wanted to take a moment to express my sincere gratitude towards our respected principal Prof.Dr.S.R.Patil for choosing me to lead our Magazine. I would also like to thank our Chief Coordinators Prof.Y.R.Dumal and Prof. P.R. Yawle for their support and guidance throughout the journey. This editorial also sincerely thanks the entire college family who contributed their time and valuable creations for this edition.

Our talented editors, co-editors, writers, photographers, and volunteers have worked tirelessly to bring you a diverse range of content that explores this theme from various angles. From a total of 9 sections, we're confident that you'll find something that speaks to you in this issue. So, sit back, relax, and allow us to take you on a journey of discovery and inspiration with ANITYA.

A smooth sea never made a skilled sailor. -By Franklin D. Roosevelt

**Pranita Dinanath Patil**

BE II E&TC





**Sanskruti Talwekar**  
BE-COMP

## From the Student Co-Editor

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Colleges are the best part of our world and magazine is its powerful tool and an integral part of the overall infrastructure and the vision of the college. A college magazine is the best platform for student to showcase their hobbies and their area of interest. It also ignited young minds.

It gives me the pride to be part of our college magazine Oyster 22. It's a great pleasure for me to get an opportunity to work as Co-editor of the Magazine Oyster 22. It was a unique and delightful experience that taught me about Anitya.

*"Nothing is permanent. Everything is subject to change. Being is always becoming."*

**-Buddha**

This phrase by Buddha says it that change is a fact well-known to us all. Everyone knows that everything is in the process of change. It is important to pay attention to our practice. Practice is also a wonderful opportunity to learn to pay attention to changes as they take place. If we pay attention to these changes, we will cultivate the ability and the sensitivity to really witness anitya – the ephemerality, temporality, and transience of all phenomena. Then we won't hold on to anything and live with greater freedom and joy!

I would take this opportunity to thank our principal, Prof. Dr. S.R. Patil for his invaluable help. I sincerely thank our Chief Co-coordinator Prof. Y.R. Dhumal and Prof. P.R. Yawale for their constant support and guidance. I would thank our Editors, Co-editors, and all team members, without their support this wonderful edition would not be possible.

I hope you will enjoy this wonderful journey.

Happy reading!

**Sanskruti Talwekar**

BE-COMP



**Preeti Vishwakarma**  
BE-II E&TC

## From the Student Co-Editor

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“EVERY GREAT DREAM BEGINS WITH A DREAMER. ALWAYS REMEMBER, YOU HAVE WITHIN YOU THE STRENGTH, THE PATIENCE, AND THE PASSION TO REACH FOR THE STARS TO CHANGE THE WORLD”

I would like to congratulate all my friends and staff on the success of the much-awaited college magazine ‘OYSTER’ the theme for ‘ANITYA’ this year changes that are all around us.

Anitya means permanence, passing, or transient. Indeed, we all know that things constantly shift and change. Nothing in the entire material nature is subject to the law of incessant change, some things seem to change slowly while others quickly. If we were fully aware of the constant change of all things, we wouldn’t cling, and without gripping, we wouldn’t suffer. But our consciousness tends to attribute permanence and stability to things. There is a fundamental difference between the intellectual comprehension of the fact of change and a deep internalization of reality in a way that will deeply transform our life experience.

The journey of making the magazine was really interesting as it took all to survey all the changes we observed concerning every aspect of life. So I take the privilege of contributing to the portrayal of glorious and powerful India in this magazine.

I would like to place record my heartfelt gratitude to our principal DR.S.R.Patil for his encouragement and huge support. I would also like to extend my gratitude to our chief coordinators Prof.Dhumal Y.R., and Prof. Yawle P.R. for being instrumental in bringing out this issue of ‘ANITYA’.

It gives me immense pleasure to present to you this issue of ‘ANITYA’.

Happy reading!

**Preeti Vishwakarma**

BE-II E&TC





**Niharika Nikose**

BE-II E&TC

## From the Student Co-Editor

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“Successive sequential changes cause distinctive changes in the consciousness.”

You have in your hands the “OYSTER 2022” the official magazine of Bharati Vidyapeeth’s College of Engineering for Women. OYSTER is a compilation of immense effort put forward by invincible students of BVCOEW and also the specimen of their creativity. It tries to bind together each and every aspect of our very own BVCOEW family.

This year’s theme is “ANITYA” meaning permanence, passing, or transient. As Buddhists see it, all organisms are necessarily, unavoidably—even marvelously and gloriously—impermanent. To understand anitya is to achieve something remarkable: opening a door to the accord between modern Western science and ancient Eastern wisdom. Biologists and Buddhists know that living stuff is always dancing, constantly replenished by, and created from non-living components. At every moment, our existence occurs only on the instantaneous, knife-edge of Now, which can never be captured and held immobile. The last words of the Buddha reportedly began, “Decay is inherent in all things.”

This magazine is not an outcome of the effort put in by an individual. Still, it is the immense effort put together by first and foremost, our respected principal DR. S. R. Patil, and then Prof. Y. R. Dhumal, all my teachers and students. We apologize for any shortcomings if any and hope you will cherish our efforts.

Happy reading to all the Oyster readers!!

With regards,

**Niharika Nikose**

BE-II E&TC



# Congratulations !!!



*Magazine 2018, 2019 team won prizes 1st & 3rd prize  
by the August hands of Hon Vice Chancellor SPPU.*



*Congratulations !*



*Encouragement & Appreciation by Hon'ble secretary Dr. Vishwajeet Kadam  
for receiving best college Magazine Award by SPPU!!*

S+ सकाळ Monday, November 29, 2021

ताज्या | मुख्य | क्रीडा | देश | श

### महिला अभियांत्रिकीला प्रथम पुरस्कार

Nov 28, 2021

By टीम YIN युवा

सावित्रीबाई फुले पुणे विद्यापीठाच्या विद्यार्थी कल्याण मंडळाने आयोजित केलेल्या नियतकालिक स्पर्धा २०१९-२० मध्ये भारती विद्यापीठ महिला अभियांत्रिकी महाविद्यालयाच्या "Oyster" या नियतकालिकाला प्रथम क्रमांकाचे पारितोषिक मिळाले तसेच शैक्षणिक वर्ष २०१८-१९ च्या स्पर्धेत तृतीय क्रमांकाचे पारितोषिक मिळाले. हा पुरस्कार प्राचार्य डॉ. एस.आर. पाटील, प्रा. यशोमती धुमाळ, प्रा. प्रणाली यावले व प्रा. कल्याणी चौधरी यांनी मा. कुलगुरू डॉ. नितीन करमळकर यांच्या हस्ते व. मा. प्र-कुलगुरू तसेच विद्यार्थी विकास मंडळाचे अधि. च्या उपस्थितीत स्वीकारला. सक्रिय विद्यार्थिनी राजश्री पेडे, कल्याणी पवार, प्रतीक्षा गायकवाड आणि रिद्धी चिंचवडे यांनी नियतकालिकेच्या कार्यात उल्लेखनीय काम केले.





## Staff Committee



## Student Committee







Meeting and discussions with faculty



Behind the camera



Posters for encouraging to contribute articles

# Making of Oyster



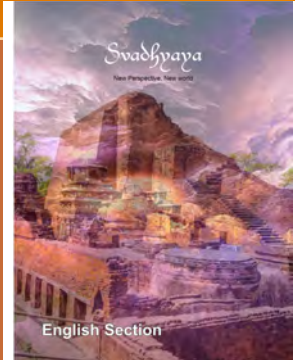
Poster for publicity



Core committee fun times



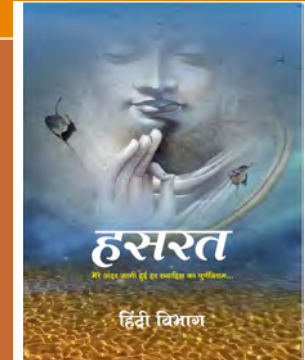
# INDEX



English Section



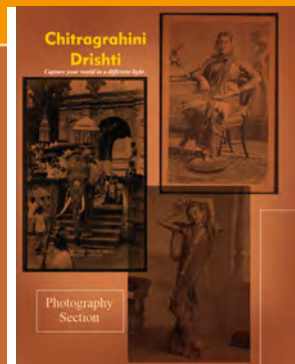
Marathi Section



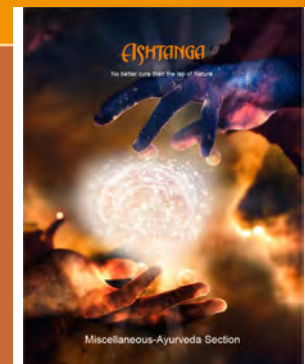
Hindi Section



Drawing Section



Photography Section



Miscellaneous-  
Ayurveda Section



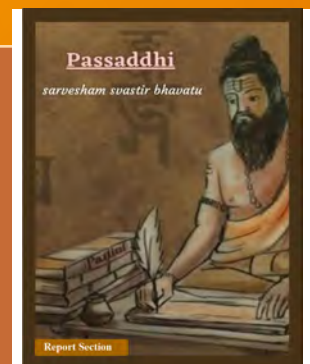
Technical Section



Youngistaan  
Section



Creative Section



Report Section



## Account Committee



Left to Right :  
Prof. P. R. Yawale and Prof. K. S. Sawant



Left to Right :  
Sanskruti Talwekar, Preeti Vishwakarma, Niharika Nikose

## Design Committee



Left to Right :  
Prof. P. R. Yawale and Prof. Y. R. Dhumal



Aishwarya hatkar, Chaitali Nigade, Ananya Verma,  
Shruti Sakare, Diya jituri

## Marketing Committee



Left to Right :  
Prof. S. P. Patil and Prof. Kamlesh Patil



Manasvi Pudale, Lakshita Panchbhavi, Preeti V.  
Niharika Nikose, Pranita Patil, Sanskruti T.  
Chaitali Nigade, Shreya Sakare  
Shruti Waghmare, Anushka Bhagat



# Social Activity



**"Drinking water pots for animals and birds were placed in the whole Bharati Vidyapeeth campus".**



# Sameer Dharmadhikari

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**1) What made you change your work of field from engineering to acting?**

I never leaved engineering behind, I still say this to my father that I haven't wasted your money the knowledge it's still in here with me. The scope of engineering is designed by the logic of the one. Engineers are the most sorted individuals in the world. Thanks to engineering I have built my logic, even the field I am currently working in is interrelated to technicalities. It is connected to physics, lens, shadows, lights, etc so if you're logic are clear you will know how you are going to look. Right now I know I am looking nice because I know the lighting is good.

**2) Where and how did you get your source platform?**

I was working in engineering at that time and my younger sister's friend came to me and handed two tickets of her fashion show asking me to attend which I obviously agreed with but I spent 200/- rupees in that. I told my Friend to accompany me for the same to make the best worth of it. The show started and I was intrigued by the way models were walking and thought of trying it someday in my life. There was one young teacher who asked me "Can you walk?" and I answered her "I came in walking in here so definitely I know how to walk" obviously she was talking about different kind of walking. I did my first show there and I received very good response which got me my first professional show. I earned a month worth of salary from that single show that's were I got dicy about changing my profession. Even though I changed my profession I kept my occupation the same because I was always thinking in the same way I do even now. Whenever you design something you start off with visualizing and then put forward it onto paper, I do the same when to comes to acting. When I am faced with a new character I try to visualize and sketch it in my mind so basically the engineering part keeps on going in the back of my mind. So that's how I design and that's how I work.

**3) You have played many roles in your life as an actor so which role you found the most fascinating and learned the most out of it?**

Frankly all the roles that I do fascinates me. I am still hunting for it that which is the best role I played or which is the best role I am

going to do so it is a hellish process. The day I find it I'll catch a hold of you. But I am still hunting the answer for it.

**4) What is the best experience of your journey?**

My journey is still going on. I was having the same kind of conversation with madam before coming here, you might have watched Jhansi ki Rani show where I worked as Gangadhar Rao Newalkar it was aired once again during pandemic. During that time I didn't know how to ride a horse so I told my producer about it and he said "Are you mad, you're king who rides elephant horse is no big deal". One time I was sitting on elephant for a shot there were dhol-tasha being played for the entry but the howdah came loose. I was raising my hand to indicate them about it however they thought I was waving at the subjects but the howdah kept slipping down and I kept waving my hand to get their attention. Finally when I was hanging from the howdah somebody shouted that "The king has fallen down!". This was my first experience with elephant, after 20-25 days I got to know that the budget has exhausted and next script had the line "Tamtamate Gangadhar rao ghode par sawar" now if we talk about horses I don't know thing about them so the farrier said "Don't worry king it is very quiet horse". So I sat on the horse but I really didn't know how to hold rein and the horse gave me a tour of the set, then the director arrived and asked for me and I shouted from distance "I am here! I am here! Control this horse" however I had to get through this. I had horse named Jennet along with for two and a half year and I felt confident whenever we had horse included for shots. That was my funny experience with a horse and elephant.

**5) I want to know something that you learned from your acting period or engineering period?**

Patience in life. Sometimes they call you for shot at 7 in morning but the scene is to taken in the evening at that time patience and a cup of tea is enough to get you through.

**6) How will you guide someone who belongs to middle class family but wants to pursue acting in career?**

Frankly speaking I belong to middle class as well. It is irrespective of which class or field you belong to all you need is dedication. If you have the dedication and thirst for success you can grow in any field that can be acting or film making. When I entered into modelling and acting, my friends from that time are now art direction, cameraman, directors because our contains of 150 people out of which only 6-7 make it into acting there are wide range of other branches which are very interesting which are connected to hardcore engineering. For example sets, for forming structures and sets, determining their load and how many people can be support all the technicalities support you need civil engineers. So engineers getting into film industry is given, you can always become a part of it. You never know in which field you can apply your knowledge so your always welcome, welcome to the Jungle but just know there are many tigers in here you have to fight it.

**7) How do you have a constant outcome from your audience?**

The field I am in I just have a pairs of lens I work in front of them. Behind the lens is only one person and not the audience, I see the audience once they see me on screen. The experience of theatre performance is very different from cinema technical medium. The thing is the only dedication towards it you have to love your work you have to be satisfied then the audience is



going to like it. We always get that feel about what should I do for audience which haven't tried before to make them happy and satisfied so I have to love my work, put in all my efforts into it in different kind of ways and once I love it I am very sure you're gonna love it.

**8) You meet a lot of people on daily basis from different backgrounds which becomes chaotic so how do you achieve your state of 'Nirvana' in this state?**

I meet a lot of people every day, thousands of people now I am seeing. In this nirvana getting that stage that one point of time, we are blank we can't see any of the faces so we don't remember them you have to remind me that we met before. This hard disk called brain, I can't recall the dialogues from before but I used to remember it back then. If I would fill my hard disk with all the things I did till now it would have got loaded so I always keep the important things and format the remaining. It's not rude but it is practical if I keep greeting every single person good morning, I won't have time left for work. So, there is step in between it's not the ignorance to be very honest, there's this thing about doctors even if you meet them in evening they are always smiling. I asked them one day and they said you act, you

meet 50 people but you also meet people with a smiling face so I said "Yeah that's kind of respect if someone treats you well you return the favor" he replied with "It is same for me, it's just that I am alone and there's patient on the other side is filled with worry whether the doctor is good or not. But with a single word from a doctor cures half of the patient's disease so smile is always important". You got a beautiful smile so keep on smiling it is win-win for both the sides.

**9) Everyone has one person in their life who is their inspiration, role model and a driving force. Who is that someone in your life?**

My mother and my wife. And of course, my daughters they keep me in place. Even if I am hero outside but the moment I am home they are like "Baba that caught on dust" or sometimes my mother says "Glad you are home help me bring those containers". These things will continue in life which keeps us alive and grounded. So, I think this success would be unachievable without them.

Edited By

**Niharika Nikose**

BE II E&TC







# Svadyaya

New Perspective, New world

**English Section**





## From the Editor's Desk

Self-improvement and realisation of one's own actions is extremely essential to growth and advancement. This is also a change one needs to inculcate within themselves in order to instigate relevant judgement in diverse situations. The word 'Svadyaya' is a word for study of self and is also in the main used for the recitation of the Vedas and other sacred texts.

Change is an essential step once we have analysed what needs to be tweaked. It can be something external like company, attitude, speech and many such things; or it can be internal referring to thinking in a more optimistic manner or approaching the thoughts on a certain issue in a fresh direction, and things aforesaid.

Once, one decides to bring about this change, the world seems easier to live in and it makes them realise how beautiful life is; that is to say, if one thought they couldn't jump a five feet hurdle, and after they realise that they need to jump with greater momentum, they end up instilling a faster approach run and applying greater force at their toes, as a result springing higher and crossing it seamlessly.

Not only does Svadyaya help evolve one's self, but also their surroundings. "Self-reflection is the path to wisdom" said Confucius and, "No one can make you feel inferior without your consent." said Eleanor Roosevelt. Being aware of one's self gives them the confidence to know who they truly are and to differentiate through action and thoughts what needs to be done, resonating with Lao Tzu who said, "Knowing others is intelligence; knowing yourself is true wisdom. Mastering others is strength; mastering yourself is true power."

I am extremely grateful for being able to contribute as a part of the team of Svadyaya(English section) of Anitya(Oyster 2022), in the concepts concerning self-improvement and self-awareness, picked out of a swarm of creative ideas and writings. The team has worked with diligence and confluence to present this composition.

I am thankful to Prof.N.A.Mulla, Prof.S.M.Rajbhoj, co-ordinators and the entire team for the opportunity to submit my work. Also I am grateful to all those who shared their amazing ideas for magazine.

**Diya Jituri**  
BE 1 E&TC





Left to Right: Prof. Dr. S. M. Rajbhoj and Prof. N. A. Mulla.



"Standing L to R: Rutuja Patil (BE ENTC II), Devanshi Koushal (SE IT), Gargee Singh (SE IT) Diya Jituri (BE ENTC I), Anushka (SE ENTC , Khushi Padhar (SE comp), Deepali Giri (BE COMP )  
Sitting L to R: Parnavi Pipaliya ( SE IT), Firdos Maniyar ( SE COMP)  
Shruti Deshmukh (SE IT ) , Bhargavi Joshi ( SE COMP)"



## Learning from Satya Nadella

One individual who exemplifies self-awareness and continuous improvement is Satya Nadella, the CEO of Microsoft.

Nadella, who took over as CEO in 2014, has been credited with turning around the tech giant's fortunes by focusing on innovation, collaboration, and empathy. He has a deep understanding of the importance of self-awareness in leadership, and he has written extensively on the topic.

In his book "Hit Refresh: The Quest to Rediscover Microsoft's Soul and Imagine a Better Future for Everyone," Nadella writes about the need for leaders to constantly reflect on their values and priorities. He emphasises the importance of empathy, which he defines as the ability to see the world through the eyes of others and to understand their needs and aspirations.

Nadella's leadership style is also marked by a willingness to take risks and experiment with new approaches. He encourages his employees to be curious, to seek out diverse perspectives, and to learn from failure. Under his leadership, Microsoft has embraced open-source software and made significant investments in cloud computing and artificial intelligence.

Nadella's commitment to self-awareness and continuous improvement has earned him praise from both inside and outside the tech industry. In 2020, he was named Fortune's Businessperson of the Year, and he has been recognized as one of the world's most influential people by Time magazine.

Overall, Satya Nadella is a shining example of how self-awareness and a commitment to continuous improvement can lead to success in any field.

**Reference taken from:-** The New York Times: <https://www.nytimes.com/2021/04/22/business/satya-nadella-microsoft-interview.html>

Harvard Business Review: <https://hbr.org/2015/10/how-satya-nadella-is-making-headway-at-microsoft>.

Article by **Parnavi Pipaliya**

SE IT



"Every single human being is creative and has creative potential. It's like a muscle that needs to be worked." – LisaCondon

## THE LIFE OF BUDDHA

Gautam Buddha, the messenger of peace, equality, and fraternity, was born in Lumbini in the 6th Century BC, the Terai region of Nepal. His real name was Siddhartha Gautam. He belonged to the royal family of Kapilavastu. His father was Suddhodhana, the ruler. Maya Devi, Gautam's mother, died soon after giving birth to him. He was a thoughtful child with a broad mind. He was very disciplined and liked to question contemporary concepts to understand and gather more knowledge.

He wanted to devote his life to spirituality and meditation. This was what his father did not like about him. He went against his father's wishes to find spirituality. His father was worried that someday, Gautam will leave his family to pursue his wishes. For this, Suddhodhana always guarded his son against the harshness surrounding him. He never let his son leave the palace anytime. When he was 18 years of age, Gautam was married to Yashodhara, a princess with magnificent beauty. They had a son named 'Rahul'. Even though Siddhartha's family was complete and happy, he did not find peace. His mind always urged him intending to find the truth beyond the walls.

As per the Buddhist manuscripts, when Siddhartha saw an old man, an ailing person, and a corpse, he understood that nothing in this material world is permanent. All the pleasures he enjoyed were temporary and someday, he had to leave them behind. His mind startled from the realization. He

left his family, the throne, and the kingdom behind and started roaming in the forests and places aimlessly. All he wanted was to find the real truth and purpose of life. In his journey, he met with scholars and saints but nobody was able to quench his thirst for truth.

He then commenced meditation with the aim to suffer and then realized the ultimate truth sitting under a huge banyan tree after 6 years. It was in Bodh Gaya in Bihar. He turned 35 and was enlightened. His wisdom knew no boundaries. The tree was named Bodhi Vriksha. He was very satisfied with his newly found knowledge and gave his first speech on enlightenment in Sarnath. He found the ultimate truth behind the sorrows and

troubles people face in the world. It was all due to their desires and attraction to earthly things.

A couple of centuries after he died, he came to be known as the Buddha which means the enlightened one. All the teachings of Buddha were compiled in the Vinaya. His teachings were passed to the Indo-Aryan community through oral traditions.

In his lecture, he mentioned the Noble Eightfold Path to conquer desires and attain full control. The first 3 paths described how one can gain physical control. The next 2 paths showed us how to achieve the fullest mental control. The last 2 paths were described to help people attain the highest level of

intellect. These paths are described as Right Understanding, Right Thought, Right Speech, Right Action, Right Livelihood, Right Effort, Right Mindfulness, and Right Concentration synchronously.

The title "Buddha" was used by several ancient groups and for each group, it had its meaning. The



Excellence is not a skill. It is an attitude.



word Buddhism refers to a living being who has got enlightened and just got up from his phase of ignorance. Buddhism believes that there have been Buddhas in the past before Gautam Buddha and there will be Buddhas in the future also. The Buddhists celebrate the life of Gautam Buddha starting from his birth to his enlightenment and passage into Nirvana stage as well.

In his life, Gautam Buddha had done a lot of spiritual things and lived his life by going through so much. Each suffering and each liberation of his has turned into teachings.

## Some of them are explained below:

- Finding Liberation: the ultimate motive of our soul is to find liberation.
- The Noble truth of Life: for salvation, you need to know about all the four Noble truths of your life.
- Suffering is not a Joke: each suffering leads you to experience a new you.
- There are noble eightfold paths that you need to follow.
- Death is final, the one who has taken birth will die surely and everything in life is impermeable, you are not going to have anything that will be permanent so focus on salvation rather than pleasing others.

He preached that only sacrifice cannot make a person happy and free from all the bonds he has in the world. He also defined the final goal as Nirvana. Even to this day, his preaching finds meaning and can be related to our sorrows. According to his teachings, the right way of thinking, acting, living, concentrating, etc can lead to such a state. He never asked anyone to sacrifice or pray all day to achieve such a state. This is not the way to gain such a mindful state.

He didn't mention any god or an almighty controlling our fate. His teachings are the best philosophical thoughts one can follow. Gautam Buddha was his new name after gaining Nirvana and knowing the truth. He was sure that no religion

can lead to Nirvana. Only the Noble Eightfold Path can be the way to achieve such a state. He breathed last in 483 BC in Kushinagar, now situated in Uttar Pradesh and his life became an inspiration.

## Conclusion

Even after being in a happy family with a loving wife and son, he left his royal kingdom in search of the truth. No one was able to satisfy him with knowledge. He then attained his enlightenment under a banyan tree in Bodh Gaya. He described the Noble Eightfold Path that everyone should follow to get rid of sorrow and unhappiness. He died in 483 BC but his preaching is found to be still relevant to this date. This tells us how Siddhartha became Gautam Buddha. It also tells us about his valuable preaching and shows us the way to achieve Nirvana.

- Anushka Borale

SE ENTC



Your actions and your words should always agree with each other.

## Failures are the pillars of success

Life is full of struggles .It is a mixture of successes and failures. Nobody can be sure of success all through his life. Failures can come in any venture and that sometimes most unexpectedly.

Human life can be considered as a series of tests. It is pervaded with successes and failures which are its different aspects. We can fail in our effort at one time and succeed at the next. Failures should not discourage us. Those who fail once should try again and again. When we fail once, we have gained some experience. We must utilize our experience to get success in our next effort. A person who loses heart after failure ,is a lost soul but a person who takes failure in its own stride and continues his efforts for success, does succeed in long. That is why it can be said that,

Failures are not the end,  
But rather a chance to mend,  
To learn and grow,  
And then let our success flow.

All the great men and women of the world, the scientists, the reformers, etc are the people with great determination. They had to face many obstacles in the fulfilment of their mission .But they preserved relentlessly and at last they were able to achieve their aim. In India, we can see the the past history where the freedom fighters worked with consistency, hard work and determination to get the Independence for the Nation. Even they have faced many challenges, failures but they never lose hope and achieved success. There is not a single person who has not failed in his life. It is necessary that one should understand that failures and problems occur in life, how you deal with it is important. When we fail, we ought to analyse the causes of our failure. We should deal our problems with Confidence. Confidence gives us strength.

Everyone should understand that Failure is a great teacher, It makes us think, it makes us learn and, above all, it make us become better individuals. We learn from our mistakes and face new challenges with optimism and courage. A person

who has faced failure in some field or a student who has failed in a subject does not mean that they cannot be successful, it might happen that they are good at other things and can achieve great achievements in their desired subject. What they need to do is understand their strengths, set proper goals and work hard with consistency, confidence, loyalty, perseverance, discipline. Even if failure occurs one should remember that,

“Failures are the stepping stones to success” . Trying hard with patience can surely lead to success one day.

In conclusion I will say that,

“Failure should be our teacher, not our undertaker. Failure is delay, not defeat. It is a temporary detour, not a dead-end. Failure is success in progress.” Hence, one should never give up in life and always be happy.

**Bhargavi Joshi**  
SE comp



Freedom isn't a destination, it's a state of mind.



## You have been raised as a free bird.

Thou shall not have an emotional breakdown.

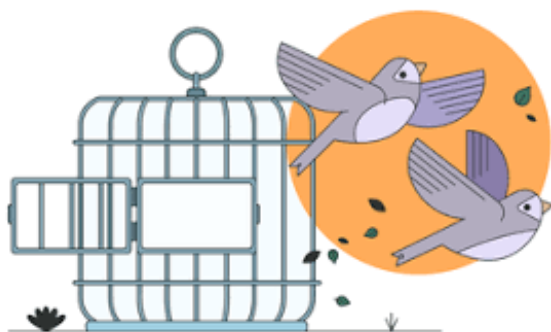
The society we live in feels like a person grown up in good facilities and good families should be happy not to be sad. Well I agree with it but the thing is humans are all about wanting more ,their needs are nearly fulfilled and they have new needs. No wonder why the generation is called BROKEN. The increase in want ,the increase in people not being kind, the increase in people being not satisfactory are at no stop.

Every child is grown up in a different environment and they have no common resemblance. People should start being more open to hear and less to judge . People need to be heard. People need the kindness that you have. People need to be bothered. people need to be cared for . People need to be loved. People are you . And you always belonged here.

Don't assume a free bird to be entirely happy ,we all are fighting all we need a loved one and their time and very close bonding which they have for life and stand by you with pride .

\_ BE COMP.

**Deepali Giri**



## Nervousness is great because it shows you care. Embrace it

There are times when we all have felt nervous and with the placement season there's nodenying it. Nervousness is something deeply seated and it can up almost at the times when we don't want it. But wait there is something exactly the same but with a different name and that is excitement. Most of the time I often perceived as nervous from people around me which might be true but not all time, given as the person I am , I would described myself as enthusiastic, energetic and excited for almost anything that gives me a feeling of adventure and something different. Now back to people perceiving me as a nervous one I started to feel that I might be nervous. But later I came across a quote saying that nervousness and excitement are the same thing and to trick your mind in this kind of situation you can tell yourself that you are excited and it does change the mood and you feel a little calm and more confident and there's you having excellent performance .On the other hand don't think of being nervous as something which is not good especially when you are at tough place this might really affect and you may lose what you want to achieve. You tell yourself that you are nervous and then you may say you are excited in order to change your mind's attention. See acceptance is the first key for every situation. If you know that you are 25% ahead there are many more to go. And also we are always nervous for the thing we like, we care ,have you ever noticed that?. Well ,this was something I learned from a webinar, and I would like to take it this way. The speaker was sharing about his incident which at this point i am unable to recall ,but intrigued me was this statement i.e. “ Nervousness is great, it shows you care and you should embrace it”. This statement helped me achieve the first that is acceptance of my nervousness, if i am. The statement that nervousness and excitement are the same, it occurred to me that I am not always nervous but excited, but when it comes to a situation like going for an interview or expressing your heart to someone, nervousness would be great and something we should embrace.

**Deepali Giri**

BE COMP

Everything in life can teach you a lesson, you just have to be willing to learn.

## Online vs Offline Internship

As we know, doing internships is no longer an option for college students, but a need. Many universities and colleges have made internships part of their curriculum across India. With more and more employers seeking applicants with previous job experience, the way out for students is through internships.

They help them gain important professional experience and appreciate the company's work culture as well. First, let's understand the meaning of online and offline internship. Online

also be able to gauge how one needs to interact professionally. This in turn will instill confidence which is a very essential element which job providers look for.

### Cons of Offline internship:

- **Food:** First you'll get a lot of coffee breaks but then you have to stay content with the canteen food or else you can get food from home so that you can focus on your assigned task.



internship's means internship from home or a place of convenience at your own pace and at your own sweet time. In offline or traditional internship, an intern works at an organization for a fixed period that allows an individual to get experience of the professional work environment at first hand.

### Pros of Offline internship:

- **Punctuality:** You have to be always punctual and for that you have to schedule all your activities prior. You develop a wide range of planning skills.
- **Communication:** You will always be in physical touch with your supervisor who will be monitoring your activities. This will help you develop your communication skills. As you will be attending meetings with groups of people you can not only enhance your communication skills but will

- **Late working hours:** Until you finish your work within the stipulated deadlines, you will have to stay over till late so as to complete the task which deprives the intern of the flexibility. You get enveloped in a blanket of boredom and then you lose interest from your work.

### Pros of Online internship:

- **Flexibility:** Online internships gives you an opportunity to choose your own time schedules. Meetings and assignments are conducted online. You can even work at 2AM or work whenever you take BREAK from Netflix or Prime.
- **Independent:** You do not have to ask for sick leaves if you're sick or you do not have



to worry if you are late to work. That's the most advantageous aspect of online internship. On the other hand you become independent as long as you meet deadlines, you are in your own free will.

- Gain new skills: Other than confining yourself in the organization where you've joined for internship, you can always explore other internship opportunities. If you are so keen in developing your skills then you can join multiple organization at the same time.

This in turn, will train you about time management skills and it also plays a role in developing your communication skills as you will be interacting with a lot of people simultaneously. Because you do not have to work physically, you'll always be in touch with your teammates on call or email which in turn will give you a scope to develop your leadership skills.

- Experience: Gaining experience while sitting at home is like a dream come true. You are all GET SET READY with your skill sets when you are going to face a real world scenario. You will become more confident, independent and you will know how you will get your work done.

## Cons of Online internship:

- Miscommunication: As there is lack of physical communication, miscommunication chances will arise that may cause disorganization. Both the intern and the organization have to be transparent in regards to the deadlines, assignments and other related tasks. REMEMBER to always to speak up if you stumble on any doubts.
- Disconnected: Online internships tends to disconnect from company culture. You'll tend to lose out if you are not always in contact with your organization.

Reference taken from :

[www.vaidhalegel.com](http://www.vaidhalegel.com) and  
[www.carrerguide.com](http://www.carrerguide.com)

By – Devanshi Koushal

SEIT

## Power of Riddles



Evolution occurs in many different ways. Here talking about the evolution of our brains, we need to continuously assign our brains with an activity allowing it the chance to think out of box or produce results outside of our daily practices. Taking the reference of impermanence, our brain is continuously evolving as we see, hear, smell, feel, understand and contemplate various things, situations, people, on daily basis. The problems we try to solve don't always have to be on a supreme level. We can associated our brains with a bunch of small intriguing questions that pique our interests or curiosity.

Riddles are a common term used to define these engaging problems that nearly all of us find interesting, so much so that, we seldom spend hours trying to crack them. Occasionally, the shell is too hard to crack, as a result, our brain is tested, pressurised, and finally it adapts and advances, as we begin to respond using the required thought process leading to answers.

"Artists are simple people with a complex mind." – Scottie Waves

Riddles not only act as a brain gym, but also are extremely fun to solve. We work hard to avoid the feeling of defeat in face of a such a tiny sized question, and finally, when we are able to reply to the problem, the satisfaction and happiness we experience, is a result of the chemical secretion namely Dopamine in the brain.

Here are some riddles you can try yourself, to evaluate the speedy response of your brain:-

### 1. Satisfying sentence

“This sentence contains \_\_\_\_\_ letters”

Write a number in words in the blank space in the above sentence that will make the statement true.

### 2. What did seven do?

Eight nines, of course! And so here are eight 9s in a row

99999999

Place the arithmetical symbols ‘+’ and ‘x’ between some of these 9s in such a way that the total value of the expression is 9999.

You don’t need to use both symbols, and you can use as many of the symbols as you like. If there is no symbol between two digits, adjacent digits combine: thus

‘9+9 9 9’ would be ‘9 + 999’. You can use brackets to be clear which operations must be done in which order.

The above puzzles must have surely given your brain a run on the treadmill.

These type of riddles are commonly asked by the interviewers of software companies during their hiring processes, to test the logical reasoning ability of the candidate. This is a skill that can be polished and enhanced through timely revision and evaluation of such distinguished puzzles and riddles.

Find the solutions below.

### First puzzle:

Solution: ‘thirty six’ or ‘thirty eight’ Second puzzle:

Solution There are a few, such as

$(999 \times 9) + 999 + 9$  or  $(99 \times 99) + 99 + 99$

### References:-

Alex Bellos's Monday puzzle, The Guardian First puzzle:

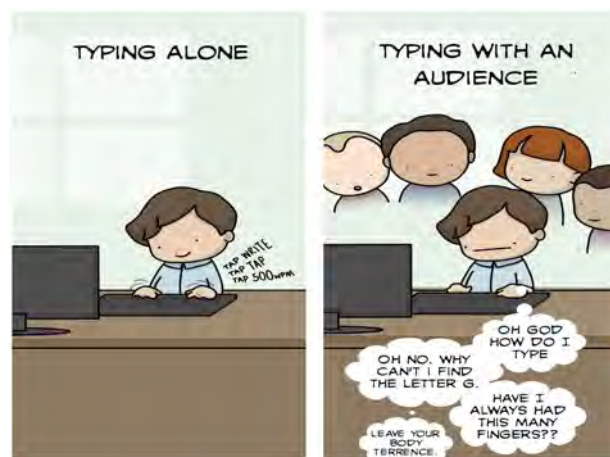
The puzzle is suggested by Chris Smith, a brilliant Maths teacher and author of the book, ‘That’s Mathematics,’ from Scotland. Second puzzle:

The puzzle is written by Arsenii Nikolaiev, a Ukrainian mathematics undergraduate at Trinity

College, Cambridge. Arsenii is a former silver medallist at the International Mathematical Olympiad, who, together with his brother Andrii, founded a maths and coding outreach club for Ukrainian school children, Kvanta, from which the problem is taken.

Article by **Diya Jituri,**

B.E. 1 E&TC





## Revenge on the cake

As I sat on my couch staring at my once-favourite dessert, a rich chocolate cake, I felt an overwhelming sense of anger and resentment. This cake was the reason I had gained so much weight over the past few months. I couldn't fit into any of my favourite clothes anymore, and I felt miserable. It was time for revenge.

I marched into my kitchen, grabbed a fork, and stared down the cake. It looked so innocent sitting there on the plate, but I knew better. It had seduced me with its sweet, delicious flavour, and I had fallen for its trap. But not anymore.

With a fierce determination, I plunged my fork into the cake and took a big bite. It tasted just as good as I remembered, but I refused to let it win this time. I took another bite, then another, each one fuelling my rage.

As I ate, I thought about all the times I had indulged in cake and other sweets without a second thought. I remembered how happy they had made me feel in the moment, but how miserable they had left me afterwards. I was tired of feeling this way, and it was time to take control.

I devoured the entire cake, savouring each bite as I exacted my revenge. When I was finished, I felt a sense of satisfaction wash over me. I had conquered the cake, and in doing so, I had taken back my power.

From that day forward, I made a vow to myself to be more mindful of what I ate and to focus on my health and wellbeing. I would never let cake, or any other food, control me again.

**Divyanshi Mishra**

BE E\_TC



## Memory

You were there by my side  
Each time I pushed you away  
You calmed me when I was low at night  
Still, I didn't ask you to stay.

Deep down I always knew  
You will always have my back  
I was unsure, thought my mind would explode  
'Cause there was a confidence in you, which I lack.

Believe me I didn't mean to break your heart  
'Cause you deserve the love you give  
And were stabbed with a pointed dart  
And still... forgiveness is all I crave.

I am always there for you  
Having no idea if you know or not  
I promise to be with you and walk you through  
To have you back.

Keep me in your memories forever  
Don't know how long that's be  
I guess as long as we're alive  
That's be enough for me.

**-Shruti Deshmukh (I.T.)**



"Always deliver more than expected." – Larry Page

## MISTAKES SHAPE US

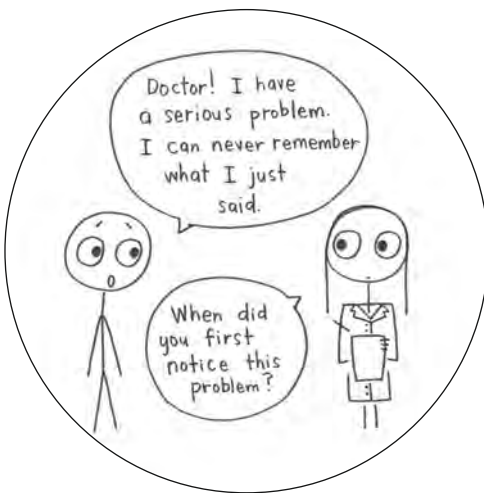
All of us make mistakes. We are not defined by them but rather shaped by them. Many people believe that mistakes are an essential part of the learning process and can shape us into better individuals. When we make mistakes, we are presented with an opportunity to learn from them and grow as individuals. We can develop problem-solving skills, improve our decision-making abilities, and gain valuable experience that can help us avoid making the same mistakes in the future.

Moreover, making mistakes also helps us to understand ourselves better. We can recognize our weaknesses and limitations, learn how to cope with failure and disappointment, and develop resilience and adaptability. In some cases, our mistakes can even lead us to discover new passions or interests we would have never explored otherwise.

However, it's important to remember that the lessons we learn from our mistakes depend on how we respond to them. If we dwell on our failures and let them define us, they can have a negative impact on our self-esteem and confidence. Therefore, it's crucial to adopt a growth mindset and approach mistakes as opportunities for growth and development.

**FIRDOS MANIYAR**

(SE COMP)



**“Nothing is permanent. Everything is subject to change. Being is always becoming.”**

-Buddha

## What is Anitya ?

Anitya in Bhagavad Gita means temporary life. Anitya is a Sanskrit word which means impermanence, passing, uncertain. Everything in these universe has to change. Even our body changes according to period of time and we cannot stop it. Similarly our ill-fortune is not permanent it is going to change but it needs some time. So stressing over mis fortune is waste of time as well as mental health because this time is going to change and nothing can stop it . And also seems to us that things we hold on to will continue to exist.

**Kajal Satish Yadav**

Class-SEIT

“Comparison kills creativity. There is room for you. Nobody can do it with your voice. With your experience, with your insight.” – Karen walrond



## G20 Summit

G20 is a global strategic platform that aims to bring together the world's biggest industrialised and emerging economies. It has the critical role of ensuring global economic growth and prosperity now and in the future. The G20 countries together account for more than sixty percent of the world's population, seventy five percent of international trade, and eighty percent of global GDP.

The forum began in 1999 as a meeting of finance ministers and central bank governors, and has since grown into a yearly summit of heads of states. Each country in the G20 is represented by its Sherpa, who plans, guides, implements, etc. on behalf of the leader of their respective country.

India holds the presidency of G20 from December 1, 2022 to November 30, 2023. The presidency of the G20 rotates every year among its members. The country that holds the presidency working together with its predecessor and successor to ensure the continuity of the agenda in a grouping known as Troika. Currently Indonesia, India and Brazil are the Troika countries.

Members of G20 are - China, India, Indonesia, Japan, Republic of Korea, Saudi Arabia, South Africa, France, Germany, Italy, Russia, Turkey, the United Kingdom, European Union, Canada, Mexico, United States, Argentina, Brazil and Australia.

**Reference taken from:-** The official website of the G20: <https://g20.org/>

The website of the Ministry of External Affairs of the Government of India: <https://www.mea.gov.in/Portal/G20.html>

**By- Gargee Singh**

Class- SEIT



You are never too old to set another goal or to dream a new dream.

## Home

Everything feels better when you're home  
A warm coffee cup  
Over read book in a rack  
Fruits lying on a table in a basket  
Overused pillow left unsupervised on the sofa  
Dry, colourless patches on the wall  
A broken tile in one corner  
A soft doormat lying in the front of the toilet  
Tiny layer of dust on showpiece  
Everything seems so familiar, so warm  
A fragrance of some soap is in the air  
Accompanied with smell of your mom's curry  
Home is feeling they say  
You see, everything seems better when you're home.

**-Rutuja Patil**  
(BE-2 ENTC)



## Here With Some Hope

With thousands of hopes in the heart and no plan in mind,  
One lively creature is going to enter in the world outside.  
  
He has almost nothing, to face the unknown world before him  
But has one thing enough of all; his strong and wise dreams.  
  
With all the desires and fascinations, a journey he starts  
From a secured place to the unknown world, with confidence; he departs.  
  
The only thought in his mind is to fight and win,  
To show the world how he rises from what he has been.  
  
He fails, he falls and feels the whole world opposing him  
But he never does give up or lose hope, for his desperate dream

**-Saeed Shriram Datar**  
2nd Year :Branch-IT





## Darkness was a gift

All that darkness grabbed me the way,  
I lost my hope to make my day.  
But little did I know, it's not the time to bow.  
So, I touched my internal weapon and made it  
sharpen.

I knew everything was lost,  
And I was ready to pay the cost.  
But now it seems like, darkness was a gift,  
To give me a lift.  
It made me a warrior,  
So that I would fight against every barrier.

**- Vaishnavi Patil**  
SE E&TC



## Life is beautiful,

However it may be.  
Someday, it will show you blossoms too.  
Expectations are like acid rain.  
Destroys everything on it's way.  
But hope is all, the world needs of.  
Sparkles and glitters don't always define  
your uniqueness.  
Even a white piece of cloth can put you out  
of the bree.  
Mind is the king of this whole kingdom.  
Master it so well that it would bend  
Before you.  
Be the one whom world would remember  
for ages and ages.  
Find your purpose in this universe,  
He has sent you for.

**- Vaishnavi Patil**  
SE E&TC

# Rashmi Patil



## Q1. How did you get into this profession of acting?

This is actually a very basic question I get it very often. And I cannot stop saying that I did not get into this profession. This was something that called me in. As in, since I was growing as a child, I had a massive interest in observing whatever is happening around me and that started, you know, inculcating inside me, like, you know where I started feeling, okay, what is this person doing let me try acting upon this. So, in my pre-nursery, I did my first performance which was a dance performance and the journey began from there and I never ever looked back. I didn't even know when I got into it. It just happened.

## Q2. What will you credit for your being in this field?

It has to be my mom. As cliché as it may sound, it is my mom. Had it not been for her, I would have been just another girl, sitting at home, dreaming things, trying to fight people and the fight always starts with home. I come from a Kshatriya Maratha family, so for me, all my past generations never even thought, understood, or saw anything related to media or this industry, nothing of that sort. So, for me to even have that seed of wanting to be seen wanting, to be somebody was in itself a taboo and my mom really supported me for everything so I give the whole and soul credit to her. I owe everything to her.

## Q3. What was the age when you realized you want to be an actor and you really want to pursue acting as a profession?

I'd like to tell to everybody who wants to pursue a career in this or want to know how it works, it's about the entertainment industry. The entertainment industry is a whole like you do education. So, in entertainment, you have, modeling, commercial advertisements, dance, and acting. When you come to dance and acting, there are furthermore bifurcations of that which is theatre, television, cinema, and now digital. So, when a person wants to be visible, wants to have audiences, you know it's actually about just having audiences right? Even as a child we want our mother to come and see us, we call neighbors to come and see, and we perform at functions like Ganpati celebrations, it's about having audiences. So, entertainment is in itself a whole thing and for me, it was only about me being able to do something and people enjoying it and liking me for that and began with dance, and along the journey before a person becomes an actor, it's a process. I always say everything is a process. Becoming an actor never happened to me overnight. My major chunk was school. I did my schooling at AISSMS Shri Shivaji Preparatory Military Day School. My school was very supportive of all the cultural activities. I did so many inter-schools, drama, and dance competitions. And in my sixth or seventh standard, I had already started performing professionally. I take anything commercially as in what pays me, like your question was. So, my first payment was around 200 rupees and it was a Saturday after-school dance album that I did. My journey began from there. And my first acting commercial that was recognized was this serial that I did for Star Prava named "Vachan dile tu mala", It was a dream production's daily soap that I did. It had a beautiful star cast. That was my first experience as an actor in 2013 I'd say where I began doing something commercially professionally for the first time.

## Q4]. So now we got to know how you got into this field of acting and entertainment, and how started your professional career, therefore can you tell us what were the small phases of your childhood that have influenced or inspired you and given you the confidence to pursue dancing or acting?

Inspiration immerses you when you face your fears. Emphasizing on, one has to face their own fears. If today, coming here was a difficult choice in the morning, getting up, being haunted by insecurities sometimes, then, this happens to everyone all the time. Having done over Two Thousand stage shows, even now I feel the butterflies in my stomach. One might even think "Am I good enough?", but there is a very thin line between am "Am I good enough?", and "Yes I can do this because I am", and that is to simply confront whatever is bothering you, whatever that is your fear. I



used to do this in my childhood, whenever I faced a challenge or took part in a competition, I stood right there to let people judge me. People's judgment is very essential to know where one stands, and because of that, there is a scope for improvement. One cannot just assume on their own that no matter what the truth is, that 'I have amazing hair', or 'I have the best tact for dancing', or 'I am excellent in studies. Let the people say all those things about you. And that is exactly what I believed. As a practical example, when I was in my early middle school year, I used to live in a railway colony since my father was an engineer at the central railways. So, the atmosphere in the house was very humble and I had a lower middle-class or middle-class upbringing. In these colonies, we used to have numerous cultural events which were held for interstate, or inter-division. There were contributions raised, the way it's done for public events like the Ganesh Chaturthi. I used to participate in these competitions. Sometimes they didn't even have a stage, and we had to perform before the flag base. Once I remember I won a very beautiful Tom and Jerry compass box, and at that moment that wasn't just a compass box, for me, it was an Oscar award. I had won this huge competition of various kids living in these colony blocks, and I got this token of appreciation that I am going in the right direction, my efforts are paying off. Further, I participated another time and won the second prize and another time I won a consolation prize, at times I lost, but all through that, there was a phase when I knew I was losing, I needed to work more, I needed to polish my skills, and even if I win, I had to be better! I kept working and rehearsing after school. I did my homework on time and made sure to practice regularly and consistently because nothing is possible to a certain degree without practice. You have to put in at least a hundred hours of effort to find out your true potential in anything, and once you receive your own compass box that is, the token of appreciation, you have to further invest a Thousand hours.

This was how I discovered what I was capable of from the railway colony competitions to the inter-school events, and that I was better than others because I faced my fears and worked hard in my own way.

**Q5]. As a child were you mischievous or shy (did you shy away when the guests came over to visit)?**

My mom has a very fond memory of me which I would like to share with you. In our family, we have this hereditary swing. I was a little taller than most in my childhood, so they used to fit through the steel rods on either side. We had this ice cream vendor who used to come to our door and ring the bell of the houses in the colony and he used to ring the bell in a very specific manner as a child, we used to wear Payal in the feet, and I used to start singing in the rhythm of what he was playing. That used to make people think that maybe she is catching the rhythm, maybe she is good, and then I started mimicking those vegetable or sprouts vendors

on the karts. Now, when the guests came over, I used to make them all sit comfortably and I used to say that, look now I am going to be the Bhajiwali (raising a topi on the head). One time we had all the guests seated, and my father knew I liked to do this, so I used to put on a kajaal and make all the preparations and it was a gala performance. Where other kids narrated poems like Twinkle-twinkle, I did all these performances so my parents were really fascinated. Then, one day my father asked me to perform and all the performances of the Bhajiwali, the Matkiwali, and Kulfiwale had all been performed beforehand and I needed something new. I always practiced all these various styles of the vendor's calls and, that day, my parents remember I came up with this calling out style which the scrap vendor used, 'Bhangarwali', and everybody laughed and clapped, and it felt a little embarrassing, and we thought they would think what kind of background I am from, but the atmosphere in the house was very humble and all sorts of vendors used to visit, so it was understandable.

That is when I realized that if you do something different, something vulnerable, then it is certain to be acknowledged and a sort of liking is established. These things spiked my confidence. In my school days, I was proactive and creative, winning all the trophies and doing well for my school. I never sat idle, I was always busy either preparing for the fifteenth of August or other events beforehand, for the teacher's day, or after the term exams I would start preparing for the annual function in a group in the school, and after the Christmas break was the twenty-sixth January program, and finally when the final exam approached my father used to tell me to concentrate on studies. I have always been a part of these activities ever since primary school.

**Q6] Who was your inspiration as an actor or a person in the entertainment industry?**

To be very honest, I have always given my interviews straight from my heart and I love the fact about vulnerability. As an actor, I think you have to be very honest and vulnerable, so my personal belief is the effect originality has on any profession, may it be engineering, your school, or any kind of choice you make, it requires passion and for passion, there has to be a thought of originality. I never, ever since my childhood, apart from ten to twelve years before, from where I started this liking where I observed people and began mimicking, I never had this sense of consciousness where I believed I wanted to see somebody, or I wanted to be like them. Never. Because as I said before in the earlier questions, this whole journey of mine had been something that came and fell into my lap. I never decided to become an actor or entrepreneur or become anything of who I am, I just knew how I wanted to be felt, so looking at somebody or some actors I never got the feeling that I want to mimic them or imitate them. I think, acting is about having your own identity. Any actor today who is

successful in the industry, they are able to show a true part about themselves, who they are for example, if we talk about the well-known actors like Randeep Hooda, we all know, this tall, dark image that he has, this personality of rawness where he could do excellently for roles with inspectors, genres of thriller, suspense or having that intense vibe of that kind of hero; then you have tiger Shroff absolutely macho, his vibe is about action and fashion and style; further we have Paresh Rawal, again an excellent actor, he could never be that hero vibe but he is exceptional, he would do an amazing father's role or he could do an amazing villain's role or suit well in the comedy genre, you just name it; then we have Ranbir Kapoor, that chocolate boy, lovey-dovey vibe. Now, does this mean these four people can't act or be somebody or they can't do other roles? No, they can. But somebody has their original authentic self and I understood this very early in life, so I saw multiple actors and actresses even in the Marathi industry, but I never wanted to be like somebody. The only person I wanted to be was myself.

**Q7] So based on that what would you say what values/principles do you set for yourself to become/make a successful actor and entrepreneur?**

Values are something I never built; it was not a choice. I think values are something children are born in. It starts right at the house. The environment that they are brought up in, the encouragement we are given for the things that we are living for, doing the right things like choosing the right friends; being able to teach your children to be happy. It's a child's responsibility to understand those parental responses, what our parents allow us to do and not, because they understand more than us, they have more experience with life. Values for any woman begin initially at the house, and then when she goes out of the house, if her conscience/gut says that I am not guilty, even for doing the smallest thing like picking up a pen and not being able to return it, then that speaks about your values. The value that helped me to be very headstrong throughout my journey since childhood was integrity. I'd like to state that it is necessary here to understand the definition of integrity. Many people use these fanciful words without understanding what they mean and the vocabulary is also very subjective, for example I say 'a pink elephant' then my pink is going to be very different than yours, if you visualize there will be dark pink, light pink, blue pink, mine is sheer pink. So, the definition of integrity for me, what I understand and like to clarify is that integrity is something that you continue to do even when people are not watching you. I can choose to be a good person, not just because someone is watching me, and the minute, they are gone I behave differently, no. I choose to be good because I want to be. These are very important values, be true to yourself, follow your integrity, and this applies no matter which profession you are into, as it will give you immense peace of heart and soul, and then no matter what happens in the world,

you know that you are right and the value structure then builds around that.

**Q8] Your skin is so flawless; can you tell us about your skincare routine?**

The "Holy Grail" of the skincare routine we call "CTM" i.e., cleansing, toning, and moisturizing, is very very important. No matter if you are in this profession or in any other profession the way a woman looks is very important and a woman looks good only when she feels good. Having the right diet, I am a vegetarian, and most of the time I try to avoid dairy as well sometimes, but it's good, milk and dairy products are good, but sometimes try to avoid them, as much as you have an intake of vitamin E, vitamin C. If your diet is poor, or we are not able to meet your daily nutrient needs, we have multivitamins that are like healthy supplements we should take. It also helps us with our multi-health structure. It helps you with your skin and then comes the external, once you have worked on the internal with lots of fruits, and lots of juices it will make you feel good. It makes you feel energetic and as I said, externally you do cleansing, toning, and moisturizing. You know what your skin tone is, at least in the morning and at night, you should do this holy grail of skincare cleansing, toning, and moisturizing, and never leave your house without sunscreen. Always put on sunscreen and take care of your outer skin, outer hair, nails, and body, and equally take care of your inner health. At Least 10 min a day give yourself some time, where you sit, relax, exhale out your tension and nervousness, and you will already start feeling healthy about your skin and self.

**Q10] Do you think women's empowerment is necessary in today's world?**

Absolutely. It cannot be any other way. It shouldn't be. Let's start from scratch; tomorrow you girls grow up, and you are going to get married. All of you, most of them, if not all. Women don't want to be bound but let's say, assuming most of us want to start a family as a parent, the most sacrifice any woman is going to make is sacrificing whatever is possible for her child, male or female, for their education. They put their own needs aside, right? You can imagine that from your own self if you were to be a mother, what would you do for your child? Imagine your parents doing that for you. Giving up their new clothes during Diwali. Not buying their favorite shoes just so that they could afford something more for their mother. Sacrificing her things so she is able to, you know, give you your choice. These are such beautiful and important things a girl should remember that with all those sacrifices and pain and hard work, your parents have managed to bring you to pay your fees to support you for education. There are so many women today. If you go to villages and see the interiors of Maharashtra, India, where education is a privilege. So, any woman who is blessed to be educated, who is blessed to even be able to read this interview, know that



girl, you are blessed. You are privileged to even have this education and your responsibility towards your parents, towards your society, is to help more girls like you to be able to provide education, and basic hygiene to other women, to women around you. Women empowerment is not about being only independent for yourself, it is about extending a hand to those who need it and cannot do it on their own. That is women's empowerment and that will only happen only when you are self-sufficient. When you as a girl are able to meet your needs, and your family's needs and have some extra, you are able to give that out. So as a girl, you being self-sufficient, independent, and giving that to the society and world is a cycle. It is like 'Did the hen come before the egg'. You become strong, you will meet others, they become strong, and they will further help newer generations, hence making the coming generation strong.

**Q11] As a woman what challenges did you face in the acting field?**

As a girl, my first challenge was facing the hierarchy, which is us. We may not be very confident to talk about it, but it does exist in a society where women, even today, for equal working hours, equal physical strain, more emotional strain, and more work, are not equally paid as men. Paying equally does not happen in most industries until you reach a threshold, you become successful, then you are able to ask. But before that in any profession, women are not equally paid. I think that

was my challenge. Secondly, why I am not able to comprehend the thing that I am putting in equal effort, why my male partner is being paid extra? Why are these kinds of things happening? So that happened to me until I learned that it was just a part necessary as a process that a woman has to become even stronger to be able to reach that place of establishing her identity and then she will be paid double. So, I face that thing.

**Q13] What message would you like to give to all the readers of Oyster?**

My message would be very very simple but if somebody understands the meaning behind my words, it would be a life-changing instance. Whatever you see, whatever you want to become just go behind that blindly. Wait for nobody, take no NO's for that put all you got inside you for your one big dream, the journey is finding out that one big dream. So, my message to all the girls is to ask yourself who are you five years from now? What do you see? Who are you ten years from now? What do you see? what are you twenty years from now? What do you see? Who do you see yourself as? Find those three answers, write them down, and go behind them with all you got, with all your passion, all your dedication and every bit of energy that you have.

Edited by:  
**Shrushti Halge, Diya Jituri,  
Dipali Giri, Rutuja Patil**



from left to right- Pranita Patil, Preeti V., Shrushti Halge, Shruti Singh, Actress Rashmi Patil.

# श्रीरूढ नैवे

अभंगांचा रचुना पाया  
संतांनी घडवीली मराठीची काया

मराठी विभाग



## संपादकीय



माझ्या मराठी मातीचा

लावा ललटास टटळा

तिच्या संगाने जागल्या

द-याखो-यातील शिळा

ज्येष्ठ साहित्यिक वि. वा. शिरवाडकर कुसुमाग्रज यांनी लिहिलेली मराठी कविता आणि त्यांचे मराठी भाषेवर असलेले प्रेम द्वीगुणीत होत. २७ फेब्रुवारी हा ज्येष्ठ साहित्यिक वि. वा. शिरवाडकर कुसुमाग्रज यांचा जन्मदिवस मराठी भाषा दिन म्हणून साजरा केला जातो. आपल्या मनातील विचार बोलून दाखवतो आणि लिहून दाखवतो, यामुळे लिपिचा वापर वाढत गेला. मराठी आपली भाषा हे आपण लिपीमध्ये वापरतो आणि तिचे देवनागिरी लिपी बाळबोध लिपी असे त्यांना म्हटले जाते.

महाराष्ट्राला मराठी या मातृभाषेचा वारसा लाभलेला असल्याने हजारो वर्षांपासून खेड्यांमधून, शहरांमधून मराठी मायबोली भाषा बोलली जाते. मराठीची परंपरा राखली हे महान वैभव आपल्यापर्यंत येऊन पोचले आहे. आपल्याला अभिमान आहे आणि आपण मनापासून कृतज्ञता बाळगणे तेवढेच गरजेचे आहे. शेतकरी वर्ग, व्यवसाय वर्ग आणि नोकरी वर्ग यांनी ही परंपरा समृद्ध केलेली आहे हे वैभव आपल्याला सोन्यासारखा लाभलेला आहे.

ऑईस्टर २०२२ च्या मराठी विभागासाठी काम करणे ही माझ्यासाठी अविस्मरणीय आणि भाग्याची गोष्ट होती. आपल्या सर्वासोबत संवाद साधता आला तोही आपल्या मराठी भाषेमुळेच. मी कायम ऋणी राहीन ऑईस्टर २०२२ च्या कारि मला माझ्या मायबोलीवर काही शब्द नवे बोलता आले.

माझ्या व माझ्यासारख्या अनेक विद्यार्थिनींच्या विचारांना व्यक्त होण्याकरीता ऑईस्टर २०२२ हा मंच म्हणजे सर्व काही आहे. हा मंच आम्हा सर्वांना उपलब्ध करून दिल्याबद्दल मी महाविद्यालयाचे प्राचार्य व सर्व प्राध्यपकांचे मनः पुर्वक आभार मानते. महत्वाचे म्हणजे मला ह्या अनोख्या गोष्टीमध्ये माझा खारीचा वाटा देण्याची संधी मिळाली ह्याचा मला खूप अभिमान आहे. विविध विचारांनी आणि सप्तरंगानी केलेली मांडणी असलेला हा ऑईस्टर २०२२ चा मराठी विभाग तुम्हास सुपूर्त करित आहोत. ह्यापुढे असाच उत्स्फूर्त प्रतिसाद मिळत साहिल ही अपेक्षा.

भावना खैरे

इए १





डावीकडून उजवीकडे : प्रो. एस.एस. साळुंखे, प्रो. डॉ. व्ही. आर. पवार, प्रो. एस.व्ही. शेळके



Punam, Bhargavi, Sanika, Komal Todkari, Bhavana Khaire,  
Akanksha Tawale, Isha Patil, Aishwarya, Apurva



## तुला कळेल

बाई असण्याची किंमत काय  
ती मला म्हणते की  
एकदा मी होऊन बघ  
तुला कळेल दुसऱ्यासाठी जगण्यातील गंमत काय  
एकाच जन्मी या  
बाई असण्याची किंमत काय  
सगळ्यांना चांगली डिश देऊन  
मी कोथिंबीर चिरलेलीच घेते  
जेवणानंतर घासायची एक डिश कमी करते  
तुमचे पाहुणे येणार म्हणून ऑफिसला सुट्टी टाकते  
ऑफिसची कामे तरीही सांभाळत तारेवरची कसरत करते  
आता थोडे दुखताय पाय तुला कळेल दुसऱ्यासाठी  
जगण्यातील गंमत काय  
एकाच जन्मी या  
बाई असण्याची किंमत काय  
घरची सिमा असूनही मी सिमेवरती लढते  
अंगणात रमणारी मी नंतर आकाशाला भिडते  
मी एव्हरेस्ट सर करते  
मी लेक्चर कित्येक देते  
मी थिरकते मी बावरते  
मी गाते मी नाचते  
मीच जन्म देणारी  
मीच जन्माला पुरणारी  
आणि मीच ती उरणारी  
मी सृष्टी व्यापणारी मी असल्याने तु आहेस  
तरी जगताना तुझे नियम आहेत  
मी जे करायची नाही त्याची यादी तु केलीस  
आई बहीण बायको मैत्रीण  
डोळ्यासमोर का नाही आणलीस  
वेगळे काहीच नसते फक्त दिसतो वेगळे  
निसर्गाने ठेवलाय फक्त तेवढाच फरक राहू द्या  
बाकी सगळ्या बाबतीत खांद्याला खांदा लाऊ द्या  
सोबत असता सोबत माझ्या तुम्ही सोबती होऊन  
इकडून थोडा विचार कर मग कळेल गंमत काय  
कळेल तुलाही कळेल त्यालाही बाई होण्याची किंमत काय

अपूर्वा दंडगव्हाल

SE IT

## आई

आई..... म्हणताच कोणाला  
Mom तर कोणाला Mummy तर  
आठवते..... पण कधी विचार केलाय अख्या  
कुटुंबाच दुःख स्वतःच कशी पचवते  
असतील हो वडील कुटुंबप्रमुख.... पण 'आई'  
होती म्हणूनच तर झाले  
आपण सहज म्हणून जातो,  
तुला काय कळतयं.....  
पण आपण जे जे वागतो ना  
ते सगळ्याच तिला समजतयं....  
अवघा दोन अक्षरी शब्द आई  
आपल्या प्रेमालाही मागे टाकतो  
मग का ? तिच्या सांगण्याने वृद्धाश्रमाचा Form भरतो.  
नऊ महिन्याचा तो त्रास  
तिच्यापुढे होता फार कमी परंतु वृद्धाश्रमात  
सोडताना का देतात ? 'परत येईन' अशी हमी.  
असा हा मायेचा अखंड महासागर.....  
फक्त माया, ममता, प्रेम वाहत आणणारा.....  
आपण फार तर फार मरेपर्यंत पोहायचं.  
Insta, Facebook, What's app मध्ये  
आहेत सर्व व्यस्त, होईल का ? पुन्हा  
Home Work, Class Work फस्त.  
Youtube Teacher चा लागलाय लळा  
आठवेल नंतर, मास्तर बाईचा तो फळा ?  
Duster, खडू आणि धुळ झालेत मित्र घट्ट .....  
Bench, Desk होत आहेत मख.....  
वारा आला सुसाट  
उडून गेला परिक्षांचा कंटाळा,  
वादळ कोसळलं शाळेत  
बसला अभ्यासाला टाळा.  
विज पडली अभ्यासक्रमावर  
सुरु झाला सुट्ट्यांचा पाऊस,  
पाऊसासोबत होत आहे खाणे  
पिण्याची होस.....

Sanika Badale SE -I ENTIC

## स्त्री शिवाय माणूस अपूर्णच

बघा ना.....  
शिक्षण घेत असताना विद्या  
नोकरी उद्योग करताना लक्ष्मी  
अंतःसमयी शांती.

सकाळ सुरू होते तेव्हा उषा  
दिवस संपताना संध्या

झोपी जाताना निशा  
झोप लागली तर सपना

मंत्रोच्चार करताना गायत्री  
ग्रंथ वाचन करताना गिता

मंदिरात दर्शना, वंदना, पूजा, आरती, अर्चना  
शिवाय श्रद्धा तर हवीच

वृद्धपणी करुणा  
पण ममता सह बंर  
आणि राग आलाच तर क्षमा

जीवन जुळविण्यासाठी उज्ज्वला आनंद  
मिळविण्यासाठी कविता आणि कविता  
करण्यासाठी प्रतिभा

Apurva D.  
SE IT



## मी पणा

'एकदा मीपणा' विकून पहा..  
'जेव्हा कोणीही घेणार नाही तेव्हा समैजेल की कीती  
फालतू गोष्ट  
'आपण इतके दिवस' बाळगत होतो???'  
'बोलावे तर विचार करून  
'नाहीतर बडबड सगळेच करतात..  
'ऐकावे तर अंतःकरणातून  
'आरोळी तर सारेच देतात.!'

'टिपावं तर अचूक टिपावं..  
'नेम तर सारेच धरतात..  
'शिकाव तर माफ करायला..  
'राग तर सगळेच करतात.!'

'खळगी भरावी तर उपाशी पोटाची..  
'पोट भरून तर सारेच जेवतात..  
'प्यावे तर दुसऱ्याच्या दुःखाचे विष..  
'सुखाचे घोट तर सारेच घेतात!'

'जगाव तर इतरांसाठी..  
'स्वतःसाठी तर सगळेच जगतात..  
'ठेवावा तर शत्रूवर पण विशिस.  
'घात तर सारेच करतात!'  
'दुःखामधे सुद्धा रहावं हसत  
'वेळ तर सर्वांचीच येते..  
'झालं तर आयुष्याचं सोनं व्हावं  
'राख तर सर्वांचीच होते....'

कवी : पु.ल. देशपांडे

भार्गवी जोशी - एस.ई. कॉम्प



Don't cry because it's over, smile because it happened.



## स्वातंत्र्याचा अमृत महोत्सव

एकच तारा समोर, आणि पायथळी अंगार,  
गर्जा जयजयकार क्रांतीचा गर्जा जयजयकार

कवी कुसुमाग्रज यांनी केलेल्या या आवाहनाचे सार्थक होण्यास १५ ऑगस्ट १९४७ चा दिवस उजाडला पक्षी पक्षी पंज्यातून उडाला. स्वातंत्र्याची रम्या प्रभात झाली असंख्य बलिदानाचे सार्थक झाले. आणि भारताला पारतंत्र्यातून मुक्तता मिळून स्वातंत्र्य मिळाले. आपल्या भारत देशाला स्वातंत्र्य मिळवून देण्यासाठी ज्या महान नेत्यांनी क्रांतीवीरांनी आपल्या प्राणाचे बलिदान दिले त्यांचा हा दिवस.

खरतर 'भारत' या शब्दाचा खरा अर्थ म्हणजे, 'भा' म्हणजे तेज आणि 'रत' म्हणजे रममाण झालेला. थोडक्यात काय तेजात रममाण झालेला देश होय. आपल्या भारत देशामध्ये सर्व जाती धर्माचे लोक एकजुटीने राहतात. त्यामुळे आपला देश सर्वधर्मसमभाव असलेला देश म्हणून ओळखला जातो. भारत माझा देश आहे आणि सारे भारतीय माझे बांधव आहेत अशा प्रतिज्ञा आपण अभिमानाने आणि गर्वाने करतो अशा माझ्या देशातल्या समृद्ध आणि विविधतेने नटलेल्या परंपराचा मला अभिमान आहे.

'स्वातंत्र्याचा अमृत महोत्सव' म्हणजेच भारताला स्वातंत्र्य मिळवून ७५ वर्षे झाली आणि आपण ह्या सुवर्ण क्षणांचे साक्षीदार १५ ऑगस्ट २०२२ सुवर्ण दिवस उजाडला संपूर्ण सोहळ्याचे थेट प्रक्षेपण दिल्लीवरून टेलिविजन व रेडिओवर करण्यात आले होते. संपूर्ण देशातील शाळा, महाविद्यालय, खाजगी आणि सरकारी कार्यालयामध्ये राष्ट्रीय ध्वज फडकवण्यात आला 'स्वातंत्र्याचा अमृत महोत्सव' निमित्त संपूर्ण भारतात भारत सरकारने 'हर घर तिरंगा' हि मोहिम राबविण्यात आली होती. थोडक्यात ह्या मोहिमेअंतर्गत भारत सरकारला 'स्वातंत्र्याचा अमृत महोत्सव' भारतातल्या प्रत्येक व्यक्तीने साजरा केला पाहिजे हा या मागचा हेतू.

'' स्वातंत्र्याच्या जल्लोषाचा

महिमा हा आगळा अमृत महोत्सवी वर्षात

साजरा करू उन्नतीचा सोहळा स्वातंत्र्याचे

जतन कराया त्यागाचा मार्ग धरू वेगळा''

आदरणीय कै. पतंगराव कदम साहेब, एक थोर व्यक्तीमत्त्व यांच्याबद्दल काय लिहावं यासाठी खरतर शब्द अपुरे पडतात. एखाद्या फुलाला त्याच वेळी सुंदर म्हणू शकतो ज्यावेळी तो संपूर्ण गुणधर्माने परिपक्व असतो. त्याचप्रमाणे एखाद्या व्यक्तीचे व्यक्तीमत्त्व सुंदर कधी होते, तर त्याने निस्वार्थी विचाराने केलेले काम, साहेब यामधील एक.

अवघ्या जीवनाच्या ७४ वर्षात साहेबांनी एवढ्या मोठ्या भूमिका पार पाडल्यात की कोणी विचारही नाही करू शकत. एक उत्तम राजकारणी म्हणू नका, एक उत्तम संस्थापक म्हणू नका त्याच सोबत त्यांनी वैयक्तीक जीवनातील सर्व कर्तव्ये एकदम एकनिष्ठेने पार पाडली आहेत. वाडवडील व घराण्याचा कोणताही आधार नसताना कदम यांनी राजकीय-सामाजिक आणि शैक्षणिक क्षेत्रात अनेक वर्षे आपले पाय रोवले कदम यांनी अगदी कमी वयापासूनच स्वप्नपूर्तीच्या दिशेने वाटचाल सुरू केली होती. त्याचच पहिल पाऊल म्हंटल तर ''भारती विद्यापीठ''

'' आ. कै. पतंगरावजी कदम आणि भारती विद्यापीठ'' ''माझ्या गावातला मॅट्रीक झालेला मी पहिला पुण्यात आलो आणि जेथे एक खडा मारला, तर दहा विद्वानांना लागतो, अशा सदाशिव पेठेतल्या एका दहाबाय दहाच्या खोलीत विद्यापीठाची स्थापना केली'' या व्यक्तीच्या पासूनच भाषणाची सुरुवात होत असे. यातूनच खरतर अखंड महासागराची सुरुवात झाली राज्य म्हणू नका देश म्हणू नका आज भारती विद्यापीठ हे नाव आंतरराष्ट्रीय पातळीवर गाजत आहे. 'भारती विद्यापीठ' हि एक संस्था नसून साम्राज्यच निर्माण केले आहे पतंगराव कदमांनी. त्या क्षणी लाखो विद्यार्थी, शिक्षक त्याचसोबत लाखो कर्मचारी पतंगराव कदमांचे ऋणी आहेत. त्यांच्यामुळेच आज प्रत्येकजण स्वतःच्या स्वप्नांकडे पाऊले टाकत आहेत.

## स्वयंसेवकाचे गुण

स्वयंसेवक कोण असतो ? जो मदतीसाठी बोलावण्यापूर्वीच पुढे येतो तो स्वयंसेवक, आत्मप्रेरणेने जो सेवेस प्रवृत्त होतो, तो स्वयंसेवक बनतो. पण कधी कधी ही आत्मप्रेरणा कमी होऊन पूर्ण नाहीशी होणे सहज शक्य आहे. अशावेळी पोर निराशा होते. अनेकदा स्वयंसेवकाच्या वर्तनामध्ये आणि वृत्तीमध्ये विनम्रतेऐवजी हक्काची आणण हक्काने मागण्याची भावना दिसून येते. अशावेळी त्याच्या सेवेची गुणवत्ता अतिशय कमी होते. याशिवाय अनेकदा संकल्प आणि बांधिलकी यापासून काही स्वयंसेवक दूर पळू पाहतात, त्यांचा पाठपुरावा करत नाहीत, तेव्हा त्यांची सेवा संपुष्टात येऊ लागते. अशा प्रसंगी ते स्वतःला सर्वेसर्वा मानतात, आपल्यावर कुणी हुकूमत चालवू शकणार नाही, या भ्रमात राहून मला हवी ती सेवा मी करेन, करावीशी वाटली नाही, तर करणार नाही! अशी भूमिका घेतात. गाडीचे जे सुकाणू, स्टिअरिंग व्हील असते, त्याला चारही चाकांनी म्हटले, की आम्हाला कधी व कसे वळायचे आहे, हे तू ठरवू आणण सांगू नको, तर काय होईल ? तसेच काहीसे बा स्वयंसेवकांबाबत पडते. सेवेची गाडी पुढे जातच नाही याच प्रकारे इमारतीच्या बांधकाम स्थळी काम करणाऱ्या कारागिरांनी मुकादमाचे ऐकायला हवेच. पण स्वयंसेवक ही बाब समजत नाहीत. आध्यात्मिक ज्ञानाच्या आधारे पूर्णपणे एककेंद्रित आणि स्थिर झाल्याने अशा प्रकारच्या समस्यांवर सहजपणे मात करता येते. अध्यात्माचे अंग न जोपासणारा स्वयंसेवक नेहमी कच्चा, दुबळा राहतो.

### खरा स्वयंसेवक

- स्वयंसेवकाने आपल्या बांधिलकीशी नेहमी जोडून रहायला हवे.
- आध्यात्मिक साधनेमुळे स्वयंसेवक आपल्या सेवाकायाणशी प्रामाणिक राहू शकतो.
- कोणत्याही स्वयंसेवा प्रकल्पाचे नियंत्रण करणाऱ्या व्यक्ती आधीच नियुक्त करणे आवश्यक आहे. स्वयंसेवकाने अशा नियंत्रकाच्या अधिकाराची जाणीव बाळगावी.
- सेवा करताना येणाऱ्या विविध आव्हानांना पूर्ण तयारीने सामोरे जाण्याच्या अनुभवांमधून सेवक सबळ होत जातो, शक्तिमान होतो.
- आपण आजवर जे आणण जेवढे करीत आलो, त्याहून खूप अधिक कार्य करण्याची आपली क्षमता आहे, याची जाणीव जेव्हा स्वयंसेवकाला होते, तेव्हा त्याची सेवा आणि क्षमता सर्व सीमा पार करून वाढू लागते.
- खरा स्वयंसेवक आपल्या सेवाकार्याचा मोबदला किंवा सेवेबद्दल बक्षीसे यांची कधीही अपेक्षा करत नाही. सेवा करून आपण कुणावर उपकार करत आहोत, असे कुणी विचार करत असेल, तर ते सवांगाने चुकीचे असते.
- कुणीही व्यक्ती जेव्हा सेवाकार्य करते, ते त्यातून मिसळणाऱ्या निखळ आनंदासाठी. इतर कोणतेही कारण नाही.
- स्वयंसेवकाला सेवेमधून मिळणारा निखळ अपार आनंद हे एकच बक्षिस आहे, आणण ते लगेच मिळते. त्या आनंदासाठी, महिन्याच्या पहिल्या तारखेला पगार येतो, तशी प्रतीक्षा करावी लागत नाही! जेव्हा सेवकाला अशा तत्काळ आनंदाचा अनुभव प्राप्त होतो, तेव्हा तो कृतज्ञतेच्या भावनेने भारून जातो. कधी स्वयंसेवक आपल्या अंतरामध्ये आपल्या संकल्पाबद्दल डळमळीत होतो, तेव्हा चांगले, शहाणे मित्र व आध्यात्मिक ज्ञान हे त्याला सावरू शकतात व सेवेत पुन्हा स्थिर करतात.

भावना खैरे

इए - १ ENTC



Happiness is not something ready made. It comes from your own actions.



## गुरुपौर्णिमेला भक्ती आणि कृतज्ञतेत भर

रस्त्यांशिवाय शहर, खजिना नसलेला राजा, व्यापार नसलेला व्यापारी आणि गुरुशिवाय प्रश्न असा येतो की गुरुवर इतका भर का आहे ? तुम्हाला गुरुची गरज का आहे ?

जीवन कधीकधी खूप गुंतागुंतीचे वाटते त्यात आनंद, दुःख, सुख, वेदना, औदार्य, लोभ, वासना आणि वैराग्य हे सारे येते. आपले जीवन अशा विपरीत मूल्यांनी भरलेले असते, तेव्हा आपल्या मनाला कधीकधी ही गुंतागुंत हाताळणे अशक्य होते आणि ते कोलमडते तुम्हाला या अडचणीच्या काळात मार्गदर्शनासाठी ज्ञानाची गरज असते. गुरु म्हणजे ज्ञान तुमच्या लक्षात आले असेल, की तुम्ही एखाद्या मार्गदर्शनासाठी ज्ञानाची गरज असते. गुरु म्हणजे ज्ञान तुमच्या लक्षात आले असेल, की तुम्ही एखाद्या परिस्थितीत सापडलेले नाहीत, तेव्हा तुम्ही उत्तम सल्ला देता मात्र, जेव्हा तुम्ही स्वतःच संकटात असता तेव्हा ते उपयोगाचे नसते. याचे कारण असे, की जेव्हा तुम्ही संकटातून बाहेर पडता तेव्हा शहाणपणाचा उदय होतो. गुरु म्हणजे गोंधळातून अलिप्त असलेला तो त्याच अंदाधुंदीत त्या गोंधळाचे निरीक्षण करत असतो.

गुरु हा सर्किट ब्रेकरसारखा असतो तुम्ही जीवनातली अनियमितता हाताळू शकत नाही, तेव्हा तुमचे गुरु आयुष्यात येतात आणि तुम्हाला तारुन नेतात, ज्यायोगे तुम्ही विवेकी आणि संतुलित राहता. तुम्हाला त्रास देणारी काही तीव्र इच्छा आकांक्षा असेल, तर तुमचे गुरु तुम्हाला सांत्वन देण्यासाठी आहेत. तुम्ही तुमच्या सर्व इच्छा आणि वेदना तुमच्या गुरूंना समर्पित करता जीवनात गुरु असणे म्हणजे नेहमी निवांत असणे आणि चेहऱ्यावर हास्य असणे, आत्मविश्वासाने चालणे, निर्भय असणे आणि ध्येय असणे. आणि हेच खरे ज्ञान आहे.

गुरु हे तत्त्व आहे एक घटक, तुमच्यातील एक गुण हे फक्त शरीर किंवा सवरूपापुरते मर्यादित नाही तुम्ही नकार देऊन किंवा बंडखोर असूनही तुमच्या आयुष्यात गुरु येतात. गुरु तत्त्व जीवनात खूप महत्त्वाचे आहे. प्रत्येक माणसामध्ये गुरुतत्त्वाचा हा घटक असतो. प्रत्येकातील ते शहाणपण आवर्जून जागृत केले पाहिजे. जेव्हा हा घटक जागृत होतो तेव्हा जीवनातील दुःख नाहीसे होते. आपल्या चेतनेमध्ये जेव्हा गुरुतत्त्व उदयास येते तेव्हा ज्ञानही येते आपल्या स्वतःच्या कोणत्याही इच्छा नसतात, तेव्हा आपल्या जीवनात गुरु तत्त्वाचा उदय होतो जागे व्हा आणि पाहा की आपले जीवन प्रत्येक क्षणी बदलत आहे आणि जे काही मिळाले आहे त्याबद्दल कृतज्ञता बाळगा.

गुरुपौर्णिमा म्हणजे आपल्या प्रगतीचा आढावा घेणे होय हे पुनरावलोकन तुम्हाला प्राप्ताहित करेल. तुम्हाला वाटत असेल की तुम्ही गेल्या काही वर्षांत अध्यात्मिक मार्गावर पुरेशी प्रगती केली नाही, तर तुम्ही ज्ञानाचा उपयोग केलेला नाही. आपण कुठेतरी अडकलो आहोत असे वाटत असल्यास आपण अडकलो आहोत ही जाणीव होणे ही देखील एक प्रगतीच आहे. म्हणूनच आपण गुरुपौर्णिमा साजरी करतो हा दिवस आहे जेव्हा भक्त पूर्ण कृतज्ञतेने जागरूक होत सद्गुरूकडून मिळालेल्या महान ज्ञानाबद्दल कृतज्ञता अनुभवतो तुमच्या आयुष्यात तुम्ही किती ज्ञान रुजवले आहे आणि तुमच्या ज्ञानात कशी वाढ होत आहे याचा आढावा घेण्याची हीच वेळ आहे. यामुळे सुधारणेच्या संधीची जाणीव होत तमच्यामध्ये नम्रता येईल. या ज्ञानाने तुमच्यात जे परिवर्तन झाले आहे. त्याबद्दल कृतज्ञ व्हा विचार करा, की याशिवाय तुम्ही कसे राहू शकला असतात. कृतज्ञता आणि नम्रता यांमुळे तुमच्या आत एक अंतःस्थ प्रार्थना फुलू लागते गुरुपौर्णिमेच्या दिवशी भूतकाळातील सर्व गुरुचे स्मरण करा. तुमचे आयुष्य परिपूर्ण होते. तेव्हा तुमच्यात कृतज्ञतेची भावना येते मग तुम्ही गुरुपासून आरंभ करता आणि जीवनातील प्रत्येक गोष्टीचे पूजन करता गुरुपौर्णिमेला भक्त पूर्ण कृतज्ञतेने जागृत होतो भक्त स्वतःमध्ये उचंबळणाऱ्या सागरासारखा होतो. गुरुपौर्णिमा ही उत्सव साजरा करण्याची आणि भक्ती आणि कृतज्ञतेने भरभरून येण्याची वेळ आहे.

भावना खैरे

इए - १ ENTIC



CREDITS: SHUTTERSTOCK

Happiness in intelligent people is the rarest thing I know.



## क्षण



गडे या उदास चेहऱ्यावर,  
उजळू दे डाळींबी लाली  
चांदण शरद पुनवेच  
हसूदे रुपेरी गाली

पाहूनी अबोल ओठांना  
काळीज हे धक-धक करीते  
माझ्या नयनातले अश्रु  
तुझ्या नयनात खेळते

नको ग तडफडवू आता  
फुलू दे स्पंदन हृदयाचे  
अंतरी घे तोगडे आता  
उसासे तुझ्याच श्वासांचे

तुझे हे लाख लाख झाले  
बहाने लटक्या रागाने  
किती अनमोल आहे हे  
क्षण या मधुर मिलनाचे.

श्रुती देशमुख  
द्वितीय वर्ष आई. टी.



## एक नारी...जगात भरी



आई तुळजाभवाणी तू, तू शिवबाची जिजाऊ ....  
जोतिबांची सावित्री तू, तू झाशीची राणी.....  
श्यामची आई तू, तू अवकाशात भरारी घेणारी कल्पना.....  
अनाथांची माई तू, तू भारताची गानकोकिळा....

किती उदाहरण देऊ तुझ्या हिम्मतीची आणि तुझ्या कर्तृत्वाची.....  
घर आणि ऑफिस दोन्ही सांभाळून, किती छान पेलतेस तू जबाबदारी  
मातृत्वाची.....

मुलगी, पत्नी, सून, आई अश्या किती तुझ्या भूमिका..  
तरी सुद्धा अन्याय अत्याचाराला बळी तुझाच का ?

अस म्हणतात की प्रत्येक यशस्वी पुरुषामागे, एका स्त्रीचा हात असतो,  
म्हणजे बघ पुरुषाला यशस्वी होण्यासाठी फक्त तुझा हातच पुरेसा आहे.....

तुझ्यामधल्या ताकदीची जाणीव करून दे तू त्या नराधमाना  
ज्यांनी तुझा घेतला फायदा,  
घाबरु नकोस तू, हिम्मत ठेव आणि त्याला दाखव सरकारी कायदा....

बऱ्याच जणांना तुझ अस्तित्वच नकोस वाटत...  
काय माहित का जाऊदे पण,,  
आपण तरी काय करणार गरीब विचार असणाऱ्यांना  
हिरा सांभाळण परवडत नाही ना!!

नवऱ्याची मैत्रीण तू, सासऱ्यांची लेक ,  
तुझ्या मुलांची शाळा तू, तुझ अस्तित्वम्हणजे Cherry on the cake

जशी आहेस तू तशीच रहा,  
आणखी कोणी सांगितलं म्हणून स्वतः ला बदलू नकोस तू.... कारण  
बदलण्याची गरज तुला नाही, तर ज्याने तुला सांगितलं ना त्याला त्याचे विचार  
बदलण्याची गरज आहे.....

श्रुती नितीन सुर्दी  
द्वितीय वर्ष



Time you enjoy wasting is not wasted time.



## मानसिक आरोग्य

शारीरिक आरोग्या प्रमाणेच मानसिक आरोग्यही महत्वाचे आहे. मानसिक आरोग्यावर दुष्परिणाम होऊ नये, यासाठी शक्य होईल तितके स्वतःला जपण्याचा प्रयत्न करावा. जागतिक आरोग्य संघटनेच्या-च्या अहवालानुसार, नैराश्यानं ग्रासलेल्या लोकांची संख्या मोठ्या प्रमाणावर आहे. असं असून ही जवळ पास टक्के लोकांना योग्य उपचार मिळत नाहीत. आपल्याकडे मानसिक आरोग्यावर मोठ्या प्रमाणावर चर्चा होते. एवढंच नाही तर सोशल मीडियाचा वापर करून मानसिक आरोग्य कसं उत्तम असायला हवं यावर सगळेच जण व्यक्त होतात. लोक काय म्हणतील ? मानसिक आजारावर अथवा नैराश्यावर उपचार न घेण्याचं सर्वात मोठं कारण म्हणजे,

### 'लोक काय म्हणतील?'

हा विचार मनात येणं. डॉ. अनय सेठी सांगतात की, 'मानसोपचार घेणाऱ्या व्यक्तीला दुबळं समजलं जातं'. त्यामुळे लोक काय विचार करतील या भीतीने अशा व्यक्ती मानसोपचार घेणं टाळतात.

### मनालाही उपचारांची गरज

शरीराला इजा झाली तर आपण लगेच डॉक्टरांकडे जातो अथवा योग्य ते उपचार घेतो. त्याचप्रमाणे मन दुखावलं गेलं असल्यास त्यालाही उपचारांची गरज असते, असं डॉक्टर अनय यांचं म्हणणं आहे. पण, आपल्याकडची विचारसरणी बघता मानसोपचारही आवश्यकबाब आहे, असं वाटणाऱ्यांची संख्या खूपच कमी आहे. एवढी जास्त लोकसंख्या असलेल्या आपल्या देशात अवघे चार हजार मानसोपचारतज्ज्ञ आहेत. म्हणजे लाखमाणसांमागे केवळ मानसोपचारतज्ज्ञ आहेत.

### खर्च परवडणारा नाही म्हणून...

मानसोपचाराचा खर्च अधिक असल्यामुळे अनेकजण उपचार घेण्याचं टाळतात असं निदर्शनास आलं आहे. मानसोपचारतज्ज्ञ शीना आहुजायांच्या अर्ध्याहून अधिक रुग्णांनी लॉकडाऊनच्याकाळात आर्थिक चणचण भासत असल्याचं कारण सांगून उपचार घेणं थांबवलं. शरीर तंदुरुस्त राहावयासाठी पुरेशी काळजी घेणारी मंडळी मानसिक आरोग्याकडे मात्र दुर्लक्ष करतात. ही चिंतेची बाब आहे, अशी खंत त्यांनी व्यक्त केली आहे.

### उपचार अर्ध्यावरच सोडून देणं

मानसोपचारतज्ज्ञ न आवडणं किंवा उपचाराचे सत्र मनाजोगे न वाटणं, अशा कारणांमुळे उपचारअर्ध्यावर सोडण्याची मानसिकता अनेकांची असते. 'पहिल्याच सत्राच्या वेळी काही गोष्टी माझ्या लक्षात आल्या. माझ्या बारीकसारीक हालचालींकडे थेरपीस्टचं लक्ष होतं. अगदी बोट्यांच्या हालचाली सुद्धा टिपल्या जात होत्या. यामुळे मी अधिकच अस्वस्थ झाले. पण, योग्य थेरपी करीता या गोष्टी गरजेच्या असतात, हे आपण समजून घेतलं पाहिजे. आपल्याला नेमका काय त्रास आहे, हे समजून घेण्यासाठी कधी तीन-चार सत्रांचा अवधी लागू शकतो. हे माहीत असणं आवश्यक आहे', असा अनुभव रियाने शेअर केला.

### सन्दर्भ :

<https://maharashtratimes.com/lifestyle-news/health-news/mental-health-tips-treatment-for-depression-and-management-in-marathi/articleshow/76868659.cms?story=4>

श्रुती देशमुख

द्वितीय वर्ष आई. टी.

For every minute you are angry you lose sixty seconds of happiness.

## मायमराठी!

मायमराठी! तुझिया पायी तनमनधन मी वाहिले,  
तुझिया नामी ,तुझिया धामी अखंड रंगुनी राहिले,

कष्टमधली तुझीच गोडीचा खायची मज आई,  
मला आवडे तुझा विसावा , तुझीच निर्भर अंगाई.

तुझे झरे अन्तुझीपाखरे, वास तुझा जनलोक तुझा,  
हवाहवासा मला वाटतो राग तुझा ,संतोष तुझा .

मायमराठी! तुझिया अंकी लोळण घेते , बागडते ,  
तसेच अलगत तव आभाळी भरारणे मज आवडते.

तुझे चालणे ,तुझे बोलणे , दाखव मजला रीत तुझी,  
जे ओठी ते पोटी असली शिकवी मजला प्रीत तुझी.

तुझिया साठी गुंफित बसते मोहन माला शब्दांची ,  
अर्थसाजरा ,गंधलाजरा , नवलपरी पण रंगाची.

मायमराठी! तुझियासाठी वात होऊनी जळते मी,  
क्षणाक्षणाने कणाकणाने तुझ्या स्वरूपा मिळते मी.

कवियत्री- संजीवनी मराठे.

ईशा व्ही पाटील  
द्वितीय वर्ष इ अँड टी.सी



## प्रियकविते, ...

पूर्वीसारखी तू माझ्याकडे धावत येशील,  
याची मी कधीपासून वाट पाहतेय  
कारण आपल्यातला तो संवाद हरवणार तर नाही ना  
याची मला काळजी वाटतेय

किती दिवस झाले... तू आली नाहीस माझ्याकडे  
लाडात येऊन हात धरला नाहीस माझा  
का आता वाटत नाही तुला काहीच माझ्याबद्दल  
आणि माझ्यावरचा विश्वासही उडालाय तुझा

शेवटी तू कितीही हट्टी असलीस तरी मीही काही कमी नाही  
तुला प्रवृत्त करेनच मी माझ्याकडे येण्यासाठी  
तू विसरली असलीस तरी मी विसरले नाहीये  
आपल्यात बांधल्या गेलेल्या शब्दांच्या गाठी

करेन तुला साकार माझं सारं कौशल्य पणाला लावून  
मग अशी बांधली गेल्यावर पळून कुठे जाशील  
मला सहन न होणारा आपल्यातला हा दुरावा  
तू स्वतः मोडून माझ्याकडे येशील

मग दोघीच रमून जाऊ आपल्याच दुनियेत  
तिसरे तिथे नकोच कोणी  
आणि होईल एका आनंद पर्वाला सुरुवात  
माझ्या अनं तुझ्याही डोळ्यात असेल पाणी

आज जशी आलीस तशीच नेहमी येत जा  
मला नको तर तुला हवं तेव्हा  
आणि त्या प्रत्येक भेटीचा माझ्या मनात  
साठवून ठेवीन मी अनमोल ठेवा

शेवटी तुझ्याशी कितीही भांडले  
तरी परत तुझ्याकडेच येणार आहे  
कारण कधीच संपू नये असं वाटणार  
तुझ्या माझ्यातलं नातं आहे

-सई श्रीराम दातार  
द्वितीय वर्ष (माहिती तंत्रज्ञान)



## माय!

हंबरून वासराले चाटती जवा गाय,  
तवा मले तिच्या मंदी दिसती माझी माय

आयाबाया सांगत व्हत्या, व्हतो जवा तान्हा,  
दुस्काळात मायेच्या माजे, आटला व्हता पान्हा,  
पिठामंदी पानी टाकून पाजत जाय,  
तवा मले पिठामंदी दिसती माझी माय

कन्या-काट्याये चायाला, माय जाई रानी,  
पायात नसे वहान तिच्या फिरे अनवानी,  
काट्या कुट्यालाही तिचं नसे पाय,  
तवा मले काट्यामंदी दिसती माझी माय

बाप माझा रोज लावी मायच्या मागं टुमनं  
बास झालं शिक्षान आता घेऊ दे हाती काम,,  
शिकुन श्यानं कुठं मोड्डा मास्तर हुनार हायं,  
तवा मले मास्तर मंदी दिसतो माझी माय

दारु पिऊन माये ले मारी जवा माझा बाप,  
थरथर कापे आन लागे तिले धाप,  
कसायाच्या दावनीला बांधली जशी गाय,  
तवा मले गायी मंदी दिसती माझी माय

बोलता बोलता येकदा तिच्या डोळा आलं पानी,  
सांग म्हने राजा तुझी कवा दिसल रानी,  
भरल्या डोल्यान कवा पाहील दुधावरची साय,  
तवा मले सायी मंदी दिसती माझी माय

म्हनून म्हंतो आनंदानं भरावी तुझी वटी,  
पुना येकदा जलम घ्यावा तुजे पोटी,  
तुझ्या चरनी ठेवून माया धरावं तुझं पाय,  
तवा मले पायामंदी दिसती माझी माय

कवि- स.ग. पाचपोळ.

ईशा व्ही पाटील  
द्वितीय वर्ष इ अँड टी.सी



## लाजाळू

लाजाळू जोवर कोवळी असते  
लाजाळूवर नव्हाळी असते  
स्पर्श करताच स्वतःलाच मिटून घेते  
तोवर सर्वांना हवीहवीशी वाटते!

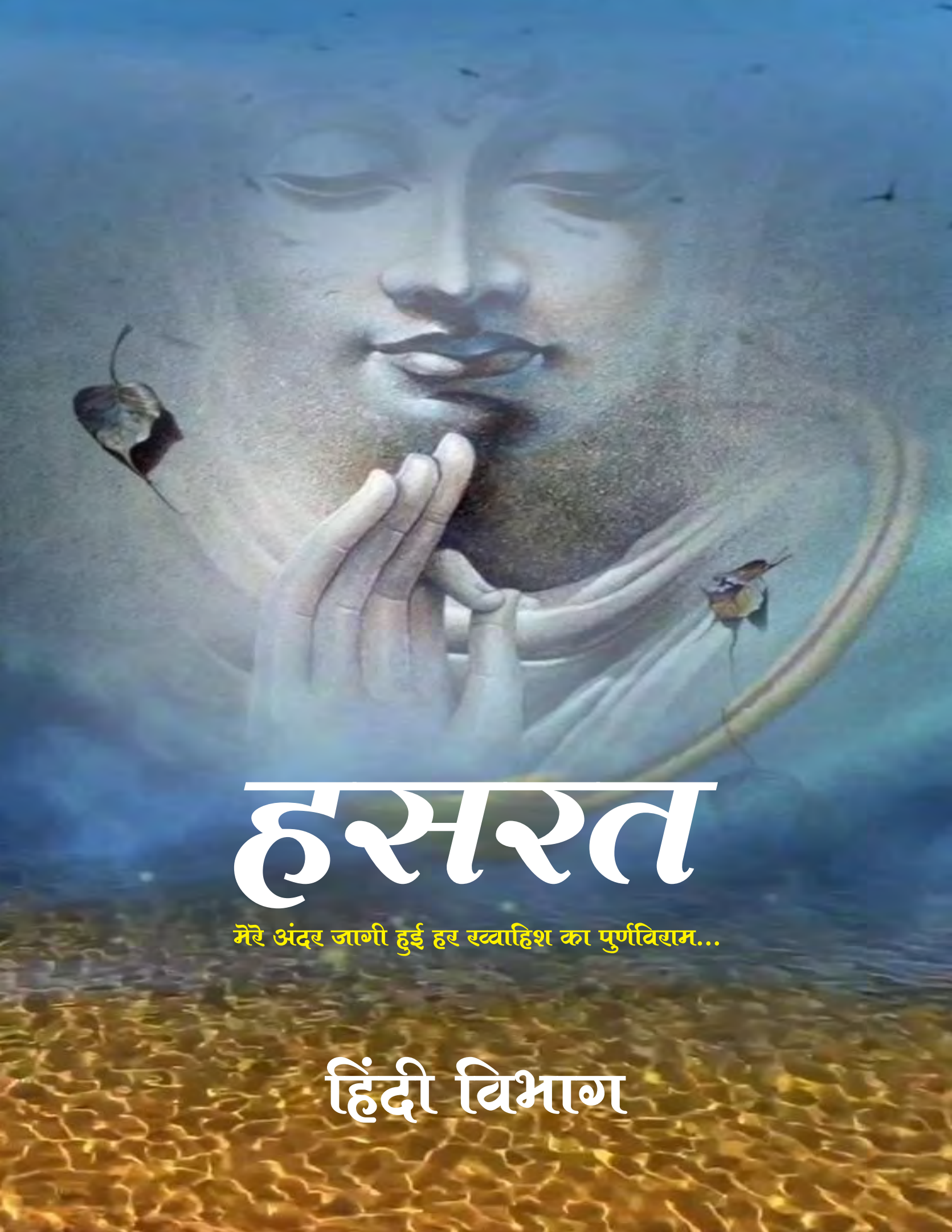
वारंवार स्पर्श करून  
तिचं लाजणं अन् मिटून घेणं!  
तिच्या भावनांचा (आदर?) विचार न करता  
स्वार्थी (आप्त) समाज फक्त आनंद लुटत राहतो!

कालांतराने नवे पण जाऊन  
हव्या-नकोशा सर्व (स्पर्शानी) अनुभवांनी  
लाजाळू परिपक्व होऊन  
हळूहळू काटेरी होऊ लागते!  
काटेरी होऊन सुद्धा लाजणं तसचं असतं  
पण आता मात्र लाळूचं लाजणं  
आनंददायी वाटत नाही  
पण तिचं काटेरी बोचणं  
जास्त सलत राहतं!  
अन् मग लाजाळूचं बोचणं  
तिचं परिपक्व होणंच  
तिच्या दुःखाला (शेवटाला) कारणीभूत ठरतं!

Prof. S.A. Itkarkar



The price of purity is purists.



# हसरत

मेरे अंदर जागी हुई हर ख्वाहिश का पूर्णविराम...

हिंदी विभाग



## संपादकीय



हमारे कॉलेज की पत्रिका अनित्य का हिस्सा बनकर मुझे बहुत खुशी हो रही है। रचनात्मक का मतलब कुछ बनाने के लिए कल्पना या मूल विचारों के उपयोग से संबंधित या शामिल है। इसे स्वीकार करते हुए हमने 'हसरत' विषय रखा। हिन्दी अनुभाग के संपादक के रूप में कार्य करने का अवसर मिलना मेरे लिए अत्यंत प्रसन्नता की बात है। टीम के सदस्यों के साथ काम करना और टीम के साथ हिंदी अनुभाग के अद्भुत विचारों को साझा करना भी एक शानदार अनुभव था।

हसरत भारतीय उपमहाद्वीप में मुख्य रूप से इस्तेमाल किया जानेवाला एक लोकप्रिय नाम है। यह एक उर्दू शब्द है, जिसका अर्थ है इच्छा या इच्छा, कुछ बहुत ज्यादा चाहने की भावना; यह भारत और पाकिस्तान में उर्दू कवियों के लिए एक लोकप्रिय उपनाम भी है।

इच्छाएँ मन की अवस्थाएँ हैं जो चाहने, इच्छा, लालसा या लालसा जैसे शब्दों द्वारा व्यक्त की जाती हैं। सुविधाओं की एक बड़ी विविधता आम तौर पर इच्छाओं से जुड़ी होती है। उन्हें मामलों की कल्पनीय स्थितियों के प्रति प्रस्तावात्मक दृष्टिकोण के रूप में देखा जाता है। वे विश्वासों के विपरीत, दुनिया को कैसा होना चाहिए, इस का प्रतिनिधित्व करके दुनिया को बदलने का लक्ष्य रखते हैं, जिसका उद्देश्य यह दर्शाता है कि दुनिया वास्तव में कैसी है। इच्छाएँ एजेंसी से निकटता से संबंधित हैं: वे एजेंट को उन्हें महसूस करने के लिए प्रेरित करती हैं। इसे संभव बनाने के लिए, एक इच्छा को इस विश्वास के साथ जोड़ा जाना चाहिए कि कौनसी क्रिया इसे साकार करेगी। इच्छाएँ अपनी वस्तुओं को एक अनुकूल प्रकाश में प्रस्तुत करती हैं, जैसे कि कुछ अच्छा प्रतीत होता है।

मैं प्रो. एस.आर. मिताकारी, प्रो. आर. एम. शामिलिक, प्रो. आर. आर. जैन, समन्वयकों और पूरी टीम को अपना काम प्रस्तुत करने का अवसर देने के लिए आभारी हूँ। साथ ही मैं उन सभी का आभारी हूँ जिन्होंने पत्रिका के लिए अपने अद्भुत विचार साझा किए मुझे यकीन है कि आपको इन्हें पढ़ने में वाकई मज़ा आएगा!

पुनम पिसे  
बीई-२ इ अँड टीसी





बायेसे दाई ओर : प्रो. आर.आर. जैन, प्रो. आर. एम. शामलिक



बायेसे दाई ओर : श्रेया धाडसे, शृती पवार, पूनम पिसे, तब्बसूम पठान, ईशा पाटील  
लक्षिता पंचभाई, फिरदोस मणियार



## पूछने और समझने की प्रक्रिया है गीता

जिस पुरातन जिरासत से भारत का मस्तक गर्व से ऊंचा होता है, गीता उनमें एक है। गीता महाभारत का हिस्सा है, जिसका इतिहास पांच हजार साल से भी अजिक पुराना है। जो दो ग्रंथ प्राचीन भारत के इतिहास कहे जाते हैं, उनमें रामायण और महाभारत का नाम है। रामायण और महाभारत सिर्फ ऐतिहासिक दस्तावेज ही नहीं हैं, बल्कि धर्मग्रंथ भी हैं। ये दोनों ग्रंथ केवल इतिहास ही नहीं बताते बल्कि ये हमारी आत्मा का भी ज्ञान कराते हैं। त्रेता और द्वापर में क्या हुआ, ये सिर्फ यह ही नहीं बताते बल्कि प्रत्येक मनुष्य की देह के भीतर क्या चल रहा है, इसकी भी एक तस्वीर खींचते हैं। इन दोनों में देव भाव के प्रतिनिधी श्रीराम और असुर भाव के नायक राणि के बीच हर रोज चलने वाली लड़ाई का लेखा – जोखा है। इसी धारा में कुरुक्षेत्र में श्रीकृष्ण और अर्जुन के बीच हुआ संवाद गीता भी है। गीता की शुरुआत पुत्रमोह में पड़े सर्वात्मना अंधधृतराष्ट्र ने की है। इसमें सारे उपनिषदों का समावेश है। गीता शब्द का मतलब है, प्रेमपूर्वक बोला गया। इस प्रकार गीता का सीधा अर्थ है श्रीकृष्ण द्वारा अर्जुन को दीया हुआ आत्मबोध एक सवाल बार – बार उठाया जाता है कि गीता क्यों पढ़नी चाहिए? इसका जवाब हां और ना में नहीं हो सकता। गीता इसलिए पढ़नी चाहिए क्योंकि हमारी देह में अंतर्द्वीपी कृष्ण विराजमान हैं और हम आपातकाल में उनसे सवाल – जवाब पूछ सकते हैं। पूछने और समझने की यह प्रक्रिया ही गीता कहलाती है। हम भले सोए हैं पर वह अंतर्द्वीपी परमात्मा सदा जागृत हैं। वह भीतर बैठकर देखता है जक हममें कब जिज्ञासा उत्पन्न हो? पर हमें सवाल ही पूछना नहीं आता। सवाल पूछने की मन में भी नहीं उठती। इस कारण हमें गीता – सरीखी पुस्तक का जनत्य ध्यान करना चाहिए। हम सवाल पूछना सीखना चाहते हैं या जब – जब मुसीबत में पड़ते हैं तब – तब अपनी मुसीबत दूर करने के लिए गीता की शरण में जाते हैं और उससे आश्वासन लेते हैं, इसी दृष्टि से भी गीता पढ़नी चाहिए। गीता सद्गुरुरूप हैं। वह मातृरूप है। हमें विश्वास रखना चाहिए जब उसकी गोद में सिर रखकर हम सही – सलामत पार हो जाएंगे। गीता के द्वारा अपनी सारी धार्मिक गुलियां सुलझा लेंगे। इस भांती गीता का नित्य मनन करनेवालों को उसमें से नित्य नए अर्थ मिलते हैं। धर्म और समाज की ऐसी एक भी उलझन नहीं है, जिसे गीता न सुलझा सकती हो। हमारी अल्पश्रद्धा के कारण हमें उसका पढ़ना – समझना न आए तो दूसरी बात है, पर हमें अपनी श्रद्धा नित्य बढ़ाए जाने और स्वयं को सावधान रखने के लिए गीता का पारायण करते रहना चाहिए। मानव जीवन ज्ञान, कर्म और भक्ति का समन्वय है। गीता इनसे संबंधित सभी समस्याओं का समाधान है। गीता का अध्ययन जीवन के गूढ़ रहस्य को उजागर करता है। महात्मा गांधी ने गीता को शास्त्रों का दोहन माना। उन्होंने अपनी रचना गीता माता में श्लोकों के शब्दों को सरल अर्थ देते हुए उनकी टीका की है। गांधी का विश्वास था तो मनुष्य गीता का भक्त होता है, उसे कभी निराशा नहीं घेरती, वह हमेशा आनंद में रहता है।

‘गीता – माता’ में महात्मा गांधी ने लिखा, गीता शास्त्रों का दोहन है। मैंने कहीं पढ़ा था कि सारे उपनिषदों का निचोड़ उसके सात सौ श्लोकों में आ जाता है। इसलिए मैंने निश्चय किया कि कुछ न हो सके तो भी गीता का ज्ञान प्राप्त कर लें। आज गीता मेरे लिए केवल बाइबल नहीं है, केवल कुरान नहीं है, मेरे लिए हि माता हो गई है। मुझे जन्म देने वाली माता तो चली गई, पर संकट के समय गीता – माता के पास जाना मैं सीख गया हूँ। मैंने देखा है, जो कोई इस माता की शरण जाता है, उसे वह ज्ञानामृत से तृप्त करती है।



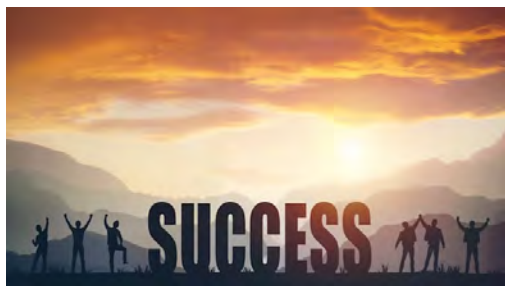
Reference taken from : [www.thearticle.in](http://www.thearticle.in)

**देवांशी कौशल**

एसई आई टी



## सफलता की परिभाषा



सफलता, एक ऐसा शब्द जिसने हर व्यक्ति को आकर्षित कर रखा है। सफलता के मायने हर व्यक्ति के लिए अलग अलग होते हैं। किसी के लिए बहुत पैसे कमाना सफलता है, तो किसी के लिए जिंदगी में खुश रहना सफलता है। किसी के लिए परीक्षा में अच्छे गुण लाना सफलता है, तो किसी के लिए पास होना सफलता है। हर व्यक्ति के लिए सफलता की एक अलग परिभाषा है। सफलता हर किसी के लिए अलग दिखती है। निश्चित रूप से सफल होना वह है जिसके लिए हर कोई प्रयास करता है, लेकिन सफल होना आसान नहीं है। हममें से प्रत्येक को यह परिभाषित करना होगा कि सफलता हमें कैसी दिखती है। हमें कैसे पता चलेगा कि हम सफल हैं

यदि हमने इसे अपनी शर्तों में परिभाषित नहीं किया है? सफलता को परिभाषित करना एक लक्ष्य को परिभाषित करने जैसा है। अक्सर हम दूसरों से अपनी तुलना करके अपनी सफलता को परिभाषित करते हैं। हमें लगता है कि हमें सफल होने के लिए दूसरों को असफल होना पड़ेगा। सफलता सीमित नहीं है।

सफलता आपके लिए कैसी दिखती है? क्या आपने कभी अपने जीवन को देखने और अगली चुनौती निर्धारित करने के लिए समय निकाला है? क्या आपने इस लक्ष्य को प्राप्त करने के लिए कोई पाठ्यक्रम तैयार किया है? हममें से बहुत से लोग सफलता के बारे में सोचें बिना लक्ष्यहीन होकर जीवन में ठोकर खा जाते हैं। हम अपने जीवन से खुश हो सकते हैं, लेकिन हमने यह परिभाषित नहीं किया है कि हमारा सफल जीवन कैसा दिखेगा। शायद आप एक सफल व्यक्ति हो, पर सफलता की अजीबो गरीब परिभाषा ने आपको बांध कर रखा है। शायद जिंदगी में खुश रहना और उसे जीना ही असली सफलता है।

फिरदोस मणियार  
एसई द्वितीय वर्ष कॉम्प.

## बुरा जो देखन मैं चला

जब कभी मैं किसी व्यक्ति को दूसरे व्यक्ति की बुराई करते हुए देखती हूँ, तब मेरे मन में यह विचार आता है कि कितना सरल है दूसरों की कमियाँ निकलना या बुराईयाँ ढूँढना। हमें केवल बुराईयाँ ही क्यों दिखाई देती हैं? अच्छाईयाँ क्यों नहीं दिखती? क्या बुराई करने वाला व्यक्ति कभी अपने भीतर की कमजोरियों या बुराईयों को देखने या ढूँढने का प्रयास करता है? यदि प्रत्येक व्यक्ति दूसरों की कमियों पर ध्यान न देकर आत्मचिंतन करे, तो वह पाएगा कि वह स्वयं भी बुराईयों का पुतला है। परन्तु ऐसा केवल ज्ञानी व्यक्ति ही कर सकते हैं। साधारण व्यक्ति को अपने भीतर केवल गुण ही दिखाई देते हैं। वह अपनी प्रशंसा व दूसरों की बुराई करते नहीं थकता। यदि हम अपनी कमियों को पहचानकर उन्हें दूर करने का प्रयास करें, तो सम्पूर्ण समाज स्वयं ही सुधर जाएगा। दूसरों में बुराईयाँ या अवगुण ढूँढना सबसे बड़ी बुराई है। इसीलिए संत कबीर ने कहा है –

बुरा जो देखन मैं चला, बुरा न मिलया कोय ।

जो दिल खोजा आपना, मुझसा बुरा न कोय

लक्षिता पंचभाई  
एस ई आई टी

मृत्यु के लिए बहुत रास्ते हैं पर जन्म के लिए केवल माँ है ।



## झांसी की रानी लक्ष्मीबाई

भारतीय वसुंधरा को गौरवान्वित करने वाली झांसी की रानी वीरांगना लक्ष्मीबाई वास्तविक अर्थ में आदर्श वीरांगना थीं। महारानी लक्ष्मीबाई का जन्म काशी में १९ नवंबर १८३५ को हुआ। इनके पिता मोरोपंत ताम्बे चिकनाजी अप्पा के आश्रित थे। इनकी माता का नाम भागीरथी बाई था। लक्ष्मीबाई अपने बाल्यकाल में मनुबाई के नाम से जानी जाती थीं। इधर सन् १८३८ में गंगाधर राव को झांसी का राजा घोषित किया गया। वे विधुर थे। सन् १८५० में मनुबाई से उनका विवाह हुआ। सन् १८५१ में उनको पुत्र रत्न की प्राप्ति हुई।

२७ फरवरी १८५४ को लार्ड डलहौजी ने गोद की नीति के अंतर्गत दत्तकपुत्र दामोदर राव की गोद अस्वीकृत कर दी और झांसी को अंगरेजी राज्य में मिलाने की घोषणा कर दी। यह सूचना पाते ही रानी के मुख से यह वाक्य प्रस्फुटित हो गया, 'मैं अपनी झांसी नहीं दूंगी'। रानी लक्ष्मीबाई ने सात दिन तक वीरतापूर्वक झांसी की सुरक्षा की और अपनी छोटी-सी सशस्त्र सेना से अंगरेजों का बड़ी बहादुरी से मुकाबला किया। रानी ने खुलेरूप से शत्रु का सामना किया और युद्ध में अपनी वीरता का परिचय दिया।

रानी लक्ष्मीबाई ने स्वातंत्र्य युद्ध में अपने जीवन की अंतिम आहुति देकर जनता जनार्दन को चेतना प्रदान की और स्वतंत्रता के लिए बलिदान का संदेश दिया।

**नम्रता राठी**  
एसई कॉम्प.

Reference : [https://m-hindi.webdunia.com/independence-day-special/hindi-essay-on-rani-lakshmi-bai-116080900063\\_1.html?amp=1](https://m-hindi.webdunia.com/independence-day-special/hindi-essay-on-rani-lakshmi-bai-116080900063_1.html?amp=1)



मृत्यु के लिए बहुत रास्ते हैं पर जन्म के लिए केवल माँ है।

## ❧❧ तू हरना मत ❧❧

तू हरना मत,  
 चाहे जिंदगी तुझे हरा दे, तू हरना मत,  
 हो सकता है तेरे पास,  
 वक्त बहौत कम हो ,  
 तेरी जीने की तमन्ना खतम हो ,  
 तेरी आँखों में नमी हो तेरे दिल में दर्द हो ,  
 बस तू अपना साथ सोडना मत .  
 तू हरना मत , चाहिये जिंदगी,  
 तुझे हारा दे, तू हरना मत .  
 तू गिरना , तू गिर के फिर उठना ,  
 तू युही आगे बढ़ते चलना ,  
 जिंदगी दो पल की है तो क्या हुआ ,  
 तू हर पल को खुशी से जीना  
 आयेंगी मुश्किलें हजार इस सफर में .  
 रुकावटें भी आएंगी दुरिया भी लाएंगी.  
 दिल रुठ जायेगा , उम्मीदें तूट जायेंगी,  
 एक कहानी बन जायेंगी .  
 है कहानी को तू  
 बीच रहा छोड़ना,  
 मत तू हरना मत, चाहिये जिंदगी  
 तुझे हारा दे, तू हरना मत .  
 फितूर जगा अपने अंदर  
 इंदु पंलोको खुल के जीने का ,

किसी की खुशिया बनने का तु  
 किसी का सहारा बनने का,  
 मत सोच की  
 क्या कहेगी दुनिया तुझे ,  
 मत सोच की क्या होगा  
 आने वाले कल में तेरा .  
 तू है कश्मकश में दूब जाना मत,  
 तू हरना मत चाहे जिंदगी ,  
 तुझे हारा दे तू हरना मत.  
 सफर चाहे जितना हि छोटा क्या ना हो ,  
 अंत चाहे कितना हि करीब क्या ना हो ,  
 तू विश्वास तोडना मत ,  
 तू हिम्मत सोडना मत ,  
 तू हरना मत , चाहिये जिंदगी,  
 तुझे हारा दे तू हरना मत !!

**प्राजक्ता ठाकरे**  
 बीई इ अॅन्ड टीसी

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मंजिल मिल ही जायेगी भटकते, गुमराह तो वो हैं जो घर से निकले ही नहीं ।





## स्वामी विवेकानंद जी का जीवन परिचय

स्वामी विवेकानंद एक ऐसे महापुरुष थे विनके उच्च विचारों अध्यात्मिक ज्ञान, सांस्कृतिक अनुभव से हर कोई प्रभावित है। जिन्होंने ने हर किसी पर अपनी एक अदभुत छाप छोड़ी है। स्वामी विवेकानंद का जीवन हर किसी के जीवन में नई ऊर्जा भरता है और आगे बढ़ने की प्रेरणा देता है। स्वामी विवेकानंद प्रतिभाशील महापुरुष थे विन्हें वेदों का पूर्ण ज्ञान था। विवेकानंद जी दूरदर्शी सोच के व्यक्ति थे जिन्होंने न सिर्फ भारत के विकास के लिए काम किया बल्कि लोगों को जीवन जीने की कला भी सिखाई।

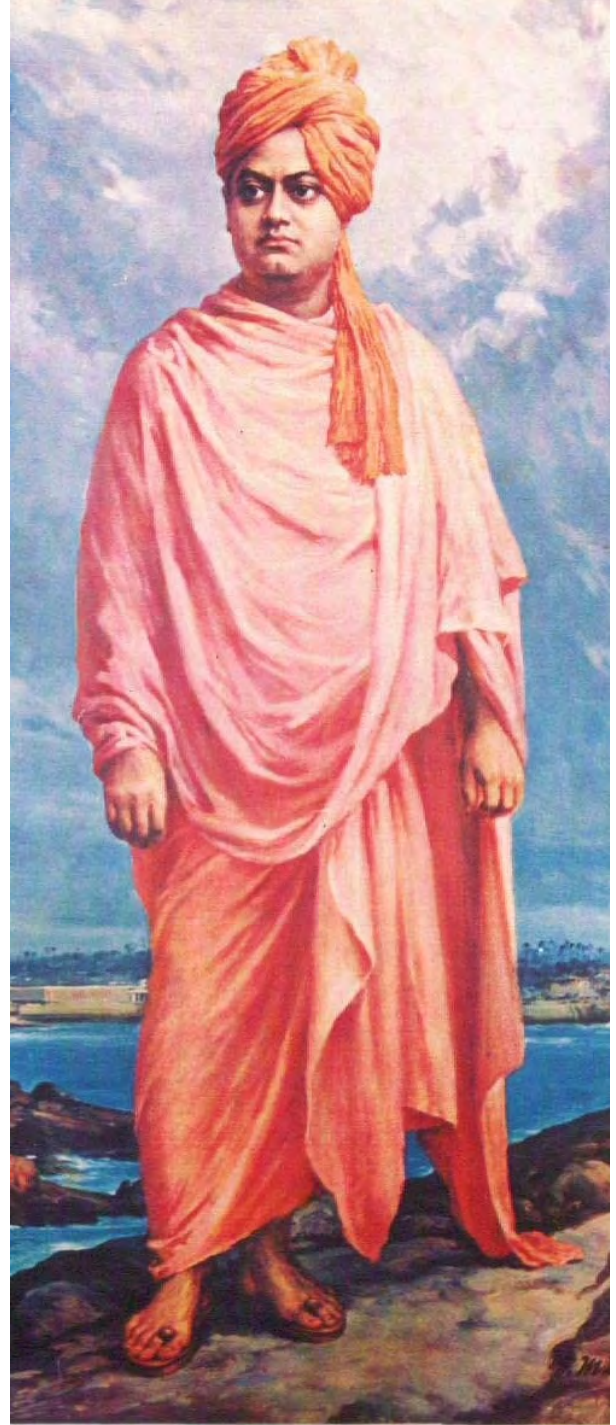
स्वामी विवेकानंद भारत में हिंदु धर्म को बढ़ाने में उनकी मुख्य भूमिका रही और भारत को औपनिवेशिक बनाने में उनका मुख्य सहयोग रहा। स्वामी विवेकानंद दयालु स्वभाव के व्यक्ति थे जो कि न सिर्फ मानव बल्कि जीव – जंतु को इस भावना से देखते थे। वे हमेशा भाई-चारा, प्रेम की शिक्षा देते थे उनका मानना था कि प्रेम, भाई-चारे और सद्भाव से जिंदगी आसानी से काटी जा सकती है और जीवन के हर संघर्ष से आसानी से निपटा जा सकती है। वे आत्म सम्मान करने वाले व्यक्ति थे उनका मानना था कि –

जब तक आप स्वयं पर विश्वास नहीं किरते, आप भगवान पर विश्वास नहीं कर सकते ।।

स्वामी विवेकानंद के अनमोल विचारों ने उनको महान पुरुष बनाया उनका अध्यात्मज्ञान, धर्म, ऊर्जा, समाज, संस्कृति, देश प्रेम, परोपकार, सदाचार, आत्म सम्मान के समन्वय काफी मजबूत रहा वहीं ऐसा उदाहरण कम ही देखने को मिलता है इतने गुणों से धनी व्यक्ति ने भारत भूमी में जन्म लेना भारत को पवित्र और गौरान्वित करना है। स्वामी विवेकानंद ने रामकृष्ण मठ और रामकृष्ण मिशन की स्थापना की, जो आज भी भारत में सफलता पूर्वक चल रहा है। उन्हें प्रमुख रूप से उनके भाषण की शुरुवात मेरे अमेरिकी भाइयो और बहनों के साथ करने के लिए जाना जाता है। जो शिकागो विश्व धर्म सम्मेलन में उन्होंने ने हिंदु धर्म की पहचान कराते हुए कहे थे।

श्रेया लाखे  
एसई आई टी

Reference : <https://www.gyanipandit.com/swami-vivekananda-biography-in-hindi/>



श्रेया लाखे  
एसई आई टी

आप स्वभाव ही आपका भविष्य तय करता है ।

## हम झगड़ें छोटी बातों पर

कभी नहीं यह अच्छी बात,  
 बात बात पर औरों को भी  
 सोचें ना देने की मात।  
 कड़वे बोल कभी ना बोलें  
 कहें किसी से कभी न झूठ,  
 बात नहीं होती है अच्छी  
 करें बहाना जाएँ रूठ।  
 रहें प्रेम से हम मिलजुल कर  
 नहीं और में डालें फूट,  
 करें मदद हम हाथ थाम कर  
 जो पीछे जाता है छूट।  
 कभी किसी का बुरा न सोचें  
 सबके प्रति हों अच्छे भाव,  
 कभी किसी का दिल न दुखाएँ  
 नहीं कुरेदें मन के घाव।  
 संकट में हम देख अन्य को  
 नहीं वहाँ से जाएँ भाग,  
 विपदा से हम उसे उबारें  
 करके अपने सुख का त्याग।  
 क्षमा करें औरों की गलती  
 और सुधारें अपनी भूल,  
 काँटे चुन औरों के पथ से  
 बिखरा दें खुशियों के फूल।  
 सुरेश चन्द्र सर्वहारा

पुनम पिसे  
 बीई २ इ अँड टीसी

## भरोसा रख

खुद की काबिलियत पर भरोसा रख  
 जो गलती आज की है उससे सीख  
 मत मांग किसी के आगे  
 अपनी सफलता के लिए भीख  
 तू जलता हुआ रेगिस्तान है  
 तेरे अंदर कुछ करने की ठान है  
 तू रुक मत तुझे करना कुछ महान है  
 तू अपने घर वालों की आस है  
 उनकी उम्मीदों की सांस है  
 इनको यूँ ही नहीं जाया करना है  
 तुझे अपनी सफलता के लिए लड़ना है...!!

### Reference

<https://hindify.org/motivational-poem-hindi/>

### श्रुतिका पवार

चतुर्थ वर्ष ई न्ड टीसी



अवसर के बिना काबिलियत कुछ भी नहीं है।

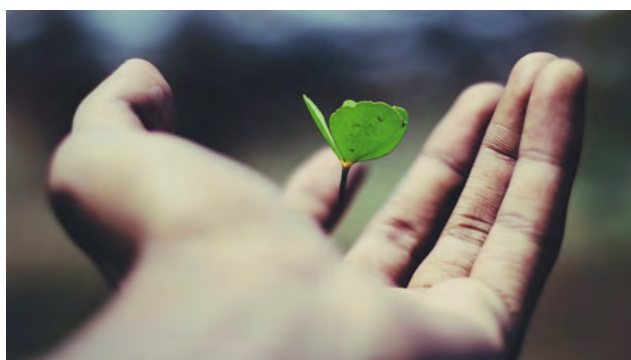


जीवन का असली मतलब आखिर होता क्या है ? जन्म लेना और कुछ समय बाद चले जाना क्या बस इतना ही होता है ? जीनहीं , बिलकुल भी नहीं जीवन का मतलब बस इतना ही नहीं जन्म और मृत्यु ये दोनों तो केवल जीवन के आरंभबिंदु और अंतिम बिंदु है इन दो बिन्दु ओके बीच जीवन जिस तर हसे व्यतीत होता है वही हमारा जीवन होता है इन दो बिन्दु ओके बीच आखिर समय कितना होता है , ये तो हमें पता नहीं होता है , लेकिन जो भी समय हो उस समय को किस तरह से जीना चाहिए ये निश्चित करने का हक हमें जरूर होता है हमारे जीवन के सारे पल एक जैसे नहीं होते कुछ खुशी के पल तो कुछ आँसु ओके पल , कुछ सुख भरे पल तो कुछ दुःख भरे ऐसे सारे पल हर एक के जीवन का भाग होते है हर एक को इन सभी से गुजरना ही पड़ता है

जीवन के सारे पल एक जैसे तो होंगे नहीं, अगर वो एक जैसे होते तो जीवन का असली मजा ही कहा आता ? जिंदगी को बेहतरीन बनाने के लिए इन सारे पलों को जीना चाहिए चाहे वो खुशी के पल हो या फिर समस्याओं से भरे हुए उन्हें जीना आना चाहिए आखिर जीवन का असली मतलबही जिंदगी जीना है न की बस जन्मलेना और चले जाना !

जिंदगी जियो तो कुछ ऐसी जियो की,  
हर पल जीने का एहसास  
हमारी आखिरी साँस में हमें याद आए !!!

- स्नेहल पवार



## मन के हारे हार है मन के जीते जीत

दुःख सुख सब कहँ परत है, पौरुषतजहुनमीत।

मन के हारे हार है, मन के जीते जीत अर्था दुःख और सुख तो सभी पर पड़ा करते हैं, इसलिए अपना पौरुष मत छोड़ो ; क्योंकि हार और जीत तो केवल मन के मानने अथवा न मानने पर ही निर्भर है, अर्थात्मन के द्वारा हार स्वीकार किए जाने पर व्यक्ति की हार सुनिश्चित है। इसके विपरीत यदि व्यक्ति का मन हार स्वीकार नहीं करता तो विपरीत परिस्थितियों में भी विजय श्री उसके चरण चूमती है। जयपराजय, हानि लाभ, यश अपयश और दुःख सुख सब मन के ही कारण हैं; इसलिए व्यक्ति जैसा अनुभव करेगा वैसा ही वह बनेगा।

मन की दृढ़ता के कुछ उदाहरण हमारे सामने ऐसे अनेक उदाहरण हैं, जिन में मन की संकल्प शक्ति के द्वारा व्यक्तियों ने अपनी हार को विजय श्री में परिवर्तित कर दिया। महाभारत के युद्ध में पाण्डवों की जीत का कारण यही था कि श्रीकृष्ण ने उनके मनोबल को दृढ़ कर दिया था। नचिकेताने नके वल मृत्यु को पराजित किया, अपितु यमराज से अपनी इच्छा नुसार वरदान भी प्राप्त किए। सावित्री के मन ने यमराज के सामने भी हार नहीं मानी और अन्तमें अपने पति को मृत्यु के मुखसे निकाल लाने में सफलता प्राप्त की।

अवसर के बिना काबिलियत कुछ भी नहीं है।

अल्प साधनों वाले महाराणा प्रतापने अपने मन में दृढ़ संकल्प करके मुगल सम्राट अकबर से युद्ध किया। शिवाजीने बहुत थोड़ी से ना लेकर ही औरंगजेब के दाँत खट्टे कर दिए। द्वितीय विश्व युद्ध में अमेरिका द्वारा किए गए अणु बम के विस्फोटने जापान को पूरी तरह बरबाद कर दिया था, किन्तु अपने मनोबल की दृढ़ता के कारण आज वही जापान विश्व के गिने चुने शक्ति सम्पन्न देशों में से एक है। दुबले पतले गांधीजी ने अपने दृढ़ संकल्प से ब्रिटिश साम्राज्य की नींव को हिला दिया था। इस प्रकार के कितने ही उदाहरण प्रस्तुत किए जा सकते हैं, जिनसे यह बात स्पष्ट हो जाती है कि हार जीत मन की दृढ़ता पर ही निर्भर है।

कर्म के सम्पादन में मनकी शक्ति प्रायः देखागया है कि जिस काम के प्रति व्यक्ति कारुण्य अधिक होता है, उस कार्य को वह कष्ट सहन करते हुए भी पूरा करता है। जैसे ही किसी कार्य के प्रति मनकी आसक्ति कम हो जाती है, वैसे वैसे ही उसे सम्पन्न करने के प्रयत्न भी शिथिल हो जाते हैं। हिमाच्छादित पर्वतों पर चढ़ाई करनेवाले पर्वतारोहियों के मन में अपने कर्म के प्रति आसक्ति रहती है। आसक्ति की यह भावना उन्हें निरन्तर आगे बढ़ने के लिए प्रेरित करती रहती है।

सफलता की कुंजी : मन की स्थिरता, धैर्य एवं सतत कर्म वस्तुतः मन सफलता की कुंजी है। जब तक न में किसी कार्य को करने की तीव्र इच्छा रहेगी, तब तक असफल होते हुए भी उस काम को करने की आशा बनी रहेगी। एक प्रसिद्ध कहानी है कि एक कलाकार ने कई बार अपने शत्रु से युद्ध किया और पराजित हुआ। पराजित होने पर वह एकान्त कक्ष में बैठ गया। वहाँ उसने एक मकड़ी को ऊपर चढ़ते देखा।

मकड़ी कई बार ऊपर चढ़ी, किन्तु वह बारबार गिरती रही। अन्ततः वह ऊपर चढ़ ही गई। इससे राजा को आर प्रेरणा मिली। उसने पुनः शक्ति का संचय किया और अपने शत्रु को पराजित करके अपना राज्य वापस ले लिया। इस छोटी सी कथा में यही सारनिहित है कि मन के न हारने पर एकनएक दिन सफलता मिल ही जाती है।

मन को शक्ति सम्पन्न कैसे किया जाए ? प्रश्न यह उठता है कि मन को शक्ति सम्पन्न कैसे किया जाए ? मनको शक्ति सम्पन्न बनाने के लिए सबसे पहले उसे अपने वश में रखना होगा।

अर्थात् जिसने अपने मन को वश में कर लिया, उसने संसार को वश में कर लिया, किन्तु जो मनुष्य मन को न जीत कर स्वयं उसके वश में हो जाता है, उसने मानो सारे संसार की अधीनता स्वीकार कर ली।

मनको शक्ति सम्पन्न बनाने के लिए हीनता की भावना को दूर करना भी आवश्यक है। जब व्यक्ति यह सोचता है कि मैं अशक्त हूँ, दीन हूँ, शक्ति और साधनों से रहित हूँ तो उसका मन कमजोर हो जाता है। इसीलिए इस हीनता की भावना से मुक्ति प्राप्त करने के लिए मनको शक्ति सम्पन्न बनाना आवश्यक है।

उपसंहार मन परम शक्ति सम्पन्न है। यह अनन्त शक्ति का स्रोत है। मनकी इसी शक्ति को पहचानकर ऋग्वेद में यह संकल्प अनेक बार दुहराया गया है अहमिन्द्रो न परा जिग्ये अर्थात् मैं शक्ति का केन्द्र हूँ और जीवन पर्यन्त मेरी पराजय नहीं हो सकती है। यदि मन की इस अपरिमित शक्ति को भूलकर हमने उसे दुर्बल बना लिया तो सब कुछ होते हुए भी हम अपने को असन्तुष्ट और पराजित ही अनुभव करेंगे और यदि मन को शक्ति सम्पन्न बनाकर रखेंगे तो जीवन में पराजय और असफलता का अनुभव कभी न होगा।

Reference : <https://www.learnncram.com/hindi-essay/it-is-the-mind-which-wins-and-defeats-essay-in-hindi/>



अगर कोई पाप है, तो वो यही है, ये कहना कि तुम निर्बल हो या अन्य निर्बल हैं।



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जीतने वाले अलग चीजें नहीं करते, वो चीजों को अलग तरह से करते हैं।





# CHITRAYOG

Art is not a thing, it is a way.

## Drawing Section





## From the Editor's Desk

Georgia O'Keeffe once said, "I found I could say things with color and shapes that I couldn't say any other way—things I had no words for." Art has always been another way for keeping our diary. It is world where we can express ourselves with different shapes and colors. To create art it takes courage. To those who rarely create art, it may seem as though the process of creation is easy and comes without any challenges. But, for those of us who know that creating a work of art is rarely simple.

Chitrayog is Sanskrit word with different meanings. I would like to mention two of them. Firstly, it represents the art revolution. Not all artistic revolutions were political. Sometimes, science and technological innovations have brought about unforeseen transformations in the works of artists. The stylistic revolution known as Impressionism, by painters eager to more accurately capture the changing colors of light and shadow, is inseparable from discoveries and inventions in the mid-19th century in which the style was born. Another meaning that Chitrayog carries is art of practically applying an admixture of colors. Pablo Picasso once said, "Colors, like features, follow the changes of the emotions". I feel that we need to live life using all the colors and different mixture of colors that are in crayon box. In works of art, artists use color to depict and describe the subject. Painters utilize their knowledge of color to portray mood, light, depth, and point of view in a work of art.

I am beatific to be editor for Drawing Section for our college magazine. The theme for our section is about art revolution and mixture of different colors. I would like to express my gratitude to all my team for their hard work, who have helped to make drawing section interesting and colourful. I hope all the readers will enjoy reading our magazine.

I am thankful to Prof.Dr.Sharada Kore, co-ordinators and the entire team for the opportunity to submit my work. Also I am grateful to all those who shared their amazing ideas for magazine

**Piyusha Patil**

BE Comp



**Prof. Dr. S. L. Kore**



L to R Students Name: Prayuja Patil, Priyanka Ambekar, Diti Jariwala, Janhvi Morey, Piyusha Patil, Shriya Lakhe, Arya Nigade, Ramya Vaddempudi, Neha Potu, Samiksha Akkar, Megha Salunkhe, Neha Rawat



## Leonardo da Vinci

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Leonardo da Vinci is widely regarded as one of the most influential figures in the history of Western art. Born in Vinci, Italy in 1452, he was an artist, scientist, inventor, and thinker whose works continue to inspire and captivate people around the world.

As an artist, da Vinci was a master of a wide range of mediums, including painting, sculpture, and drawing. He is perhaps best known for his paintings, including the Mona Lisa and The Last Supper, both of which are considered some of the most famous and iconic works of art in the world. His paintings are characterized by their remarkable realism, intricate detail, and use of light and shadow to create a sense of depth and perspective.

In addition to his artistic achievements, da Vinci was also a scientist and inventor. He conducted extensive research in fields ranging from anatomy to engineering, and designed a

wide range of innovative machines, including flying machines and tanks. His curiosity and drive to understand the world around him made him a true Renaissance man, and his work continues to inspire scientists and inventors to this day.

Despite his numerous accomplishments, da Vinci was known for his intense focus and attention to detail, often spending years perfecting a single work. He also had a reputation for being somewhat eccentric, with a love of animals and a tendency to record his thoughts and observations in mirror writing.

Today, da Vinci's legacy lives on through his works of art and his contributions to science and invention. His paintings continue to inspire and captivate people around the world, and his inventions have had a lasting impact on modern technology. Da Vinci's relentless curiosity and passion for knowledge serve as a reminder of the power of creativity and imagination, and his enduring influence is a testament to the lasting impact of true genius.

At last I would say, Leonardo da Vinci was a remarkable artist, scientist, and inventor whose work continues to inspire and captivate people around the world. His contributions to art and science have had a lasting impact on Western culture, and his legacy serves as a reminder of the power of creativity, curiosity, and imagination.

-By

**Piyusha Patil (BE Comp)**

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"The worst enemy to creativity is self-doubt." – Sylvia Plath

## Raja Ravi Verma



Raja Ravi Varma (1848-1906) was an Indian painter and artist who is widely regarded as one of the greatest painters in the history of Indian art. Born in Kilimanoor, Kerala, India, he is best known for his paintings of Indian mythology, Hindu gods and goddesses, and portraits of Indian royalty.

Ravi Varma's work was ground breaking in many ways. He was one of the first Indian artists to use oil paints and European academic techniques, combining them with traditional Indian art styles to create a unique and captivating aesthetic. His paintings were known for their vibrant colors, intricate details, and realistic depictions of his subjects.

Ravi Varma was also notable for his social and cultural impact. He used his art to challenge traditional attitudes towards beauty and class, often depicting his subjects as strong and confident rather than passive and subservient.

His paintings helped to popularize Indian mythology and

Hinduism, making these subjects more accessible to a wider audience and helping to promote Indian culture both within India and abroad.

Perhaps Ravi Varma's most famous work is his painting of the Hindu goddess Lakshmi, which has become an iconic symbol of Indian art and culture. Other notable works include his paintings of Indian historical figures such as Shivaji Maharaj, as well as his portraits of Indian royalty, which were commissioned by many of the major princely states of the time.

Despite his numerous accomplishments, Ravi Varma was not without controversy. Some critics accused him of promoting an overly romanticized and idealized view of India, while others criticized his use of European techniques and subject matter as a betrayal of traditional Indian art. Nonetheless, his work has had a lasting impact on Indian art and culture, and continues to inspire and captivate people around the world.

At last I would say, Raja Ravi Varma was a pioneering Indian painter and artist whose work continues to have a profound impact on Indian art and culture. His unique style, which combined European academic techniques with traditional Indian art styles, helped to create a new and exciting aesthetic that continues to captivate and inspire people around the world. His contributions to Indian mythology, Hinduism, and Indian history have helped to promote and celebrate Indian culture both within India and abroad, and his legacy as one of the greatest painters in Indian history remains secure.

-By

**Piyusha Patil (BE Comp)**

"The best use of imagination is creativity. The worst use of imagination is anxiety." – Deepak Chopra





## "Starry Night" – Vincent Van Gogh



Vincent van Gogh's "Starry Night" is one of the most famous paintings in the world. It was created in 1889, during Van Gogh's stay at the Saint-Paul-de-Mausole asylum in Saint-Rémy-de-Provence, France. The painting is an oil on canvas work, measuring 29 x 36 1/4 inches, and depicts a small village with a church and a large Cypress tree, under a swirling sky filled with stars and the moon.

Van Gogh painted "Starry Night" while he was struggling with mental illness, and the painting is considered by many to be a reflection of his inner turmoil. The swirling, dreamlike sky and the twisted, almost violent shapes of

the village and the tree are thought to be an expression of the artist's anxiety and his struggle with depression. Despite the emotional content of the painting, "Starry Night" is also a masterful example of Van Gogh's style and technique. The painting is characterized by the thick, swirling brushstrokes that create a sense of movement and energy. Van Gogh used a technique called impasto, which involves applying the paint in thick, textured layers, to create a three-dimensional effect and add depth and complexity to the painting.

The painting has become an icon of modern art and is considered one of the most recognizable works in the world. It has been reproduced in countless forms, from posters to coffee mugs, and has inspired countless imitations and parodies. The painting has been the subject of much scholarly research and analysis, and has been interpreted in many different ways.

Today, "Starry Night" is housed in the collection of the Museum of Modern Art (MoMA) in New York City. It is one of the museum's most popular and beloved works, and attracts millions of visitors each year.

In conclusion, "Starry Night" is a famous painting that captures the essence of Vincent van Gogh's artistic vision. It is a powerful expression of the artist's inner turmoil, and a masterful example of his technique and style. Its enduring popularity and significance have made it one of the most iconic works of modern art in the world.

-By

**Piyusha Patil (BE Comp)**

"If it doesn't nourish your soul, get rid of it."

## The Last Supper” – Leonardo da Vinci



Leonardo da Vinci's "The Last Supper" is one of the most famous and iconic paintings in the world. Completed in the late 15th century, the painting depicts Jesus Christ and his twelve disciples gathered together for their final meal before Christ's crucifixion. The painting is an oil and tempera work, measuring 15 x 29 feet, and covers an entire wall of the dining hall at the Convent of Santa Maria delle Grazie in Milan, Italy.

"The Last Supper" is a masterful example of da Vinci's technique and style. The painting is characterized by the precise, intricate details of the figures and their surroundings, as well as the subtle use of light and shadow to create a sense of depth and perspective. Da Vinci used a technique called sfumato, which involves blending colors and tones to create a soft, hazy effect, to give the painting a sense of movement and dynamism.

The painting is also notable for its symbolism and religious significance. Each of the twelve disciples is depicted with a different facial expression and gesture, suggesting their individual personalities and reactions to Christ's announcement that one of them will betray him. Christ himself is portrayed as calm and composed, with his hands outstretched in a gesture of blessing.

Despite its artistic and religious significance, "The Last Supper" has suffered significant damage over the centuries. The painting has been subjected to numerous restorations, some of which have altered the original appearance of the work. Additionally, the painting has been damaged by environmental factors, including humidity and pollution.

Today, "The Last Supper" is still considered one of the most significant works of art in the world. It continues to inspire artists, scholars, and religious followers alike, and is a testament to da Vinci's skill and creativity. The painting is a powerful reminder of the enduring impact of art and its ability to inspire and move people across generations and cultures.

In conclusion, "The Last Supper" is a famous painting that continues to captivate and inspire people around the world. It is a masterpiece of art and a powerful symbol of religious significance. Despite its age and damage, the painting remains a testament to Leonardo da Vinci's artistic vision and enduring legacy.

-By

**Piyusha Patil (BE Comp)**

"Creativity requires the courage to let go of certainty."





Ishika Bhiogade BE 2



Ishika Bhiogade BE 2



Arya Nigade 2243 SE



Ishika Bhiogade BE 2



Ishika Bhiogade BE 2

"A million likes will never be enough if you don't like yourself."





Arya Nigade 2243 SE



Arya Nigade 2243 SE



Ishika Bhiogade BE 2



Arya Nigade 2243 SE



Ishika Bhiogade BE 2

"The purpose of art is washing daily life off our souls." – Pablo Picasso





Arya Nigade SE



ADITI JARIWALA SE COMP

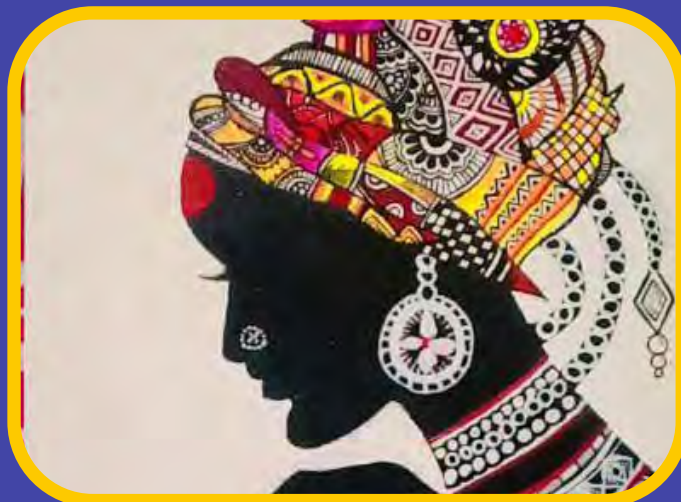


"Write without fear. Edit without mercy."





ADITI JARIWALA SE COMP



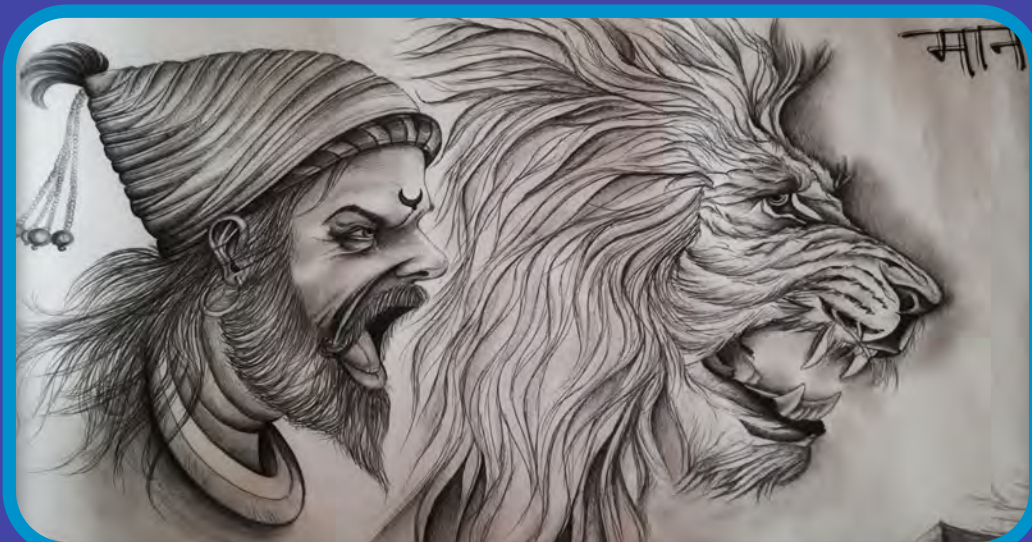
Megha Salunke (SE IT)



ADITI JARIWALA SE COMP



Arya Nigade SE



Neha Potu (SE comp)

"To love a creative life, we must lose our fear of being wrong."— Joseph Chilton Pearce





Neha Rawat (BE2 ENTC)



Saishri Mane FE 1



Saishri Mane FE 1



Tabassum Pathan BE E\_TC 2



Tabassum Pathan BE E\_TC 2



Prajakta Thakare (BE2 ENTC)

"Creativity is inventing, experimenting, growing, taking risks, breaking rules, breaking rules, making mistakes, and having fun." – Mary Lou Cook





Tabassum Pathan BE E\_TC 2



Tanisha Nipunge FE 1



Saishri Mane FE 1



Saishri Mane FE 1



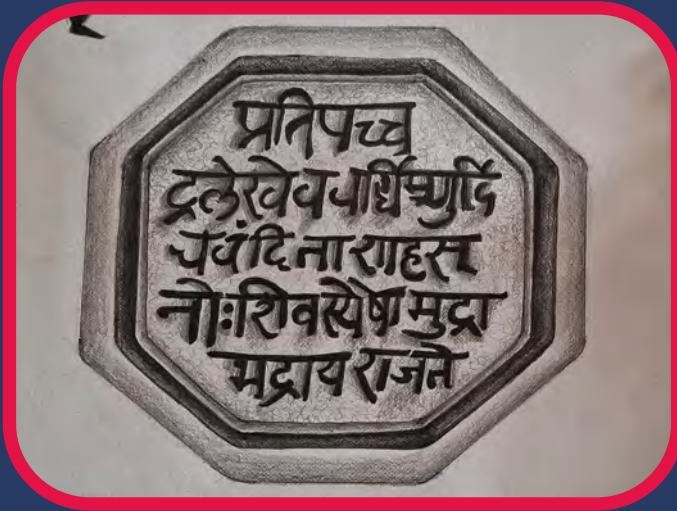
Tanisha Nipunge FE 1



Tabassum Pathan BE E\_TC 2

"Creativity is piercing the mundane to find the marvelous." – Bill Moyers

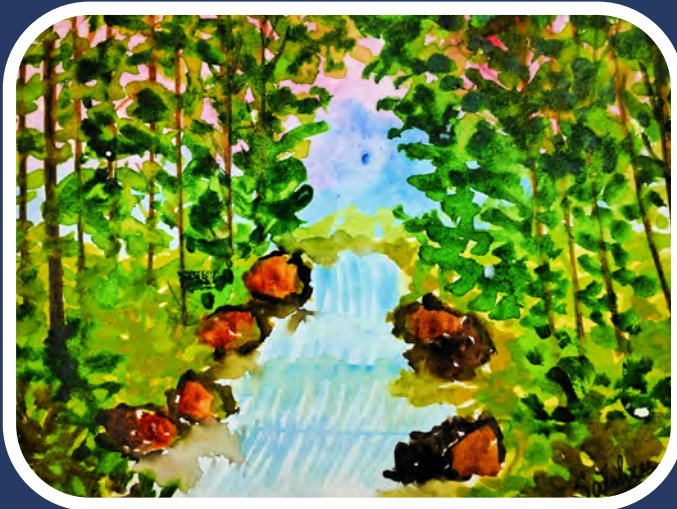




DiyaJituri Mandala Be1 ENT C



VIDHI\_BE1(ENTC)



Saishri Mane FE 1



Saishri Mane FE 1



Janhvi Morey (BE2 ENT C)



Saishri Mane FE 1

"Unused creativity is not benign. It metastasizes. It turns into grief, rage, judgment, sorrow, shame." – Brene Brown





Diya Jituri Be1



Janhvi Morey (BE2 Entc)



Janhvi Morey (BE2 Entc)



Janhvi Morey (BE2 Entc)



Janhvi Morey (BE2 Entc)



Janhvi Morey (BE2 Entc)

"Creativity isn't the way I think; it's the way I like to live." – Paul Sandip





Saishri Mane  
FE 1

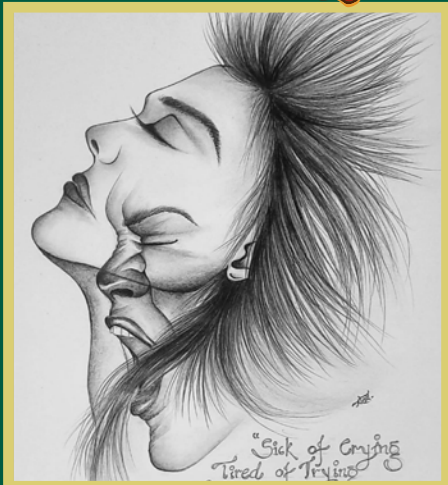


Saishri Mane  
FE 1



"The world doesn't make sense, so why should I paint pictures that do." – Picasso

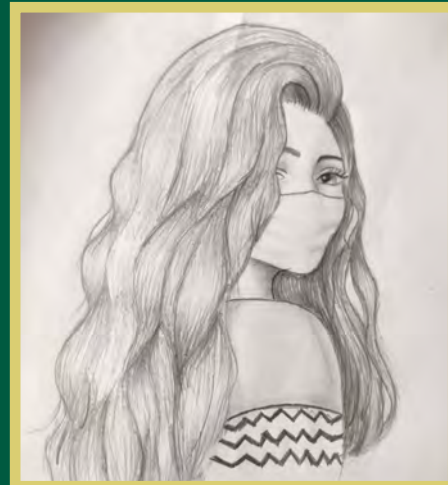




Neha Potu (Se Comp)



Vaishnavi Patil (SE2 ENT)



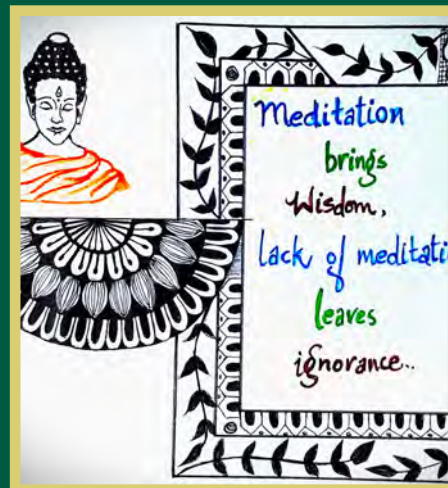
Anjali Chavhan (Fe2)



Diya Jituri Be1



Samiksha Bode c



Shriya\_Lakhe



Ashita Hirmukhe BE Comp



Ashita Hirmukhe BE Comp





Sakshi Saner BE COMP -1



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Sakshi Saner BE COMP -1



Sakshi Saner BE COMP -1



Sakshi Saner BE COMP -1

"You can't use up creativity. The more you use, the more you have." – Maya Angelou





Piyusha Patil BE Comp



Sakshi Saner BE COMP -1



Prajakta Thakare (BE2 ENTC)



Prajakta Thakare (BE2 ENTC)



Prajakta Thakare (BE2 ENTC)



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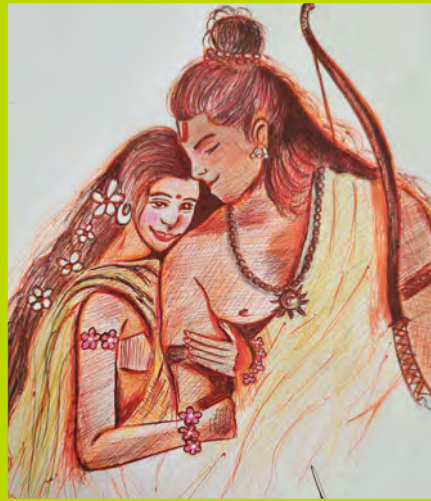
Prajakta Thakare (BE2 ENTC)

"What you create doesn't have to be perfect." – Dieter F.Uchtdorf





VIDHI\_BE1(ENTC)



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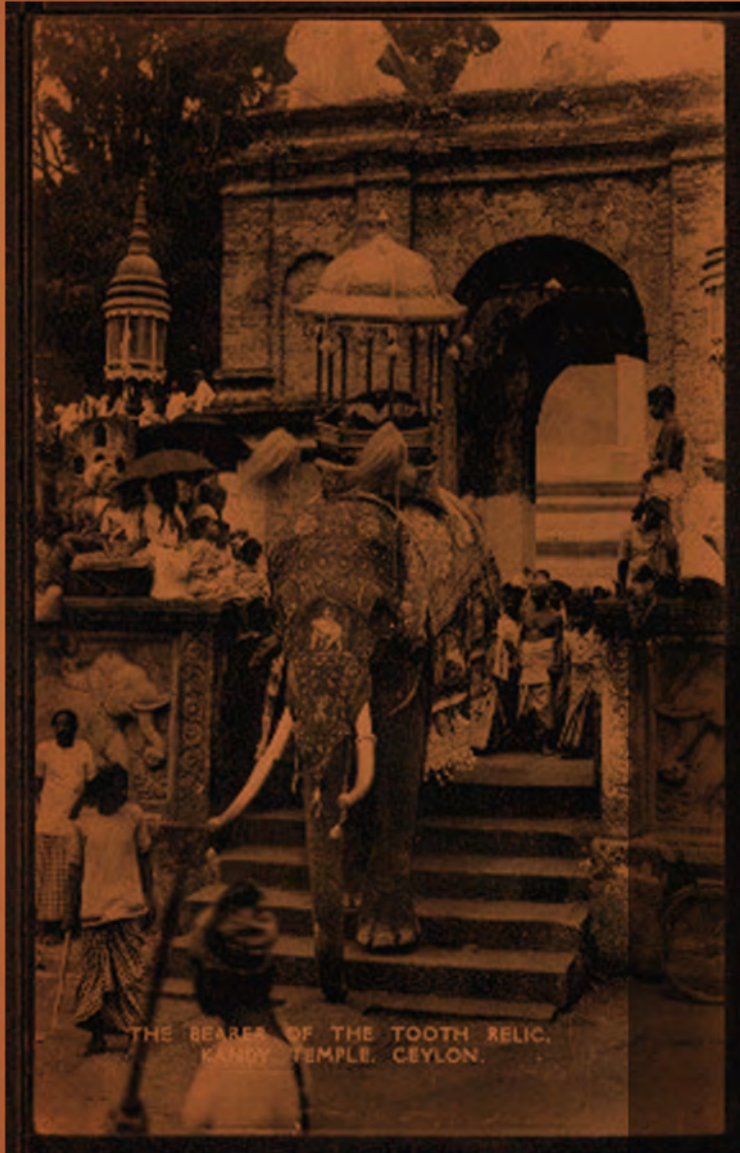
VIDHI\_BE1(ENTC)

"Learn the rules like a pro, so you can break them like an artist." – Pablo Picasso



# Chitragrahini Drishti

*Capture your world in a different light .*



Photography  
Section





## From the Editor's Desk

As the editor of the photography section of our college magazine, I am excited to share with you the amazing talent and creativity of our student photographers. In this section, “Chitragrahi Drishti”, we will showcase the best of their work, highlighting the diverse perspectives and techniques that make photography such a captivating and powerful art form.

Whether it's capturing the beauty of nature, telling stories through photojournalism, or expressing personal visions through creative compositions, our student photographers bring a unique energy and passion to their work. In each issue, we will feature their photos and share their inspirations, as well as offer tips and tricks for aspiring photographers.

Our goal is to provide a platform for students to showcase their work, share their experiences, and connect with others who share their love of photography. So whether you're an experienced photographer or just starting out, we invite you to join us on this journey through the lens.

I am thankful to Prof. K.R. Chaudhari, co-ordinators and the entire team for the opportunity to submit my work. Also I am grateful to all those who shared their amazing ideas for magazine.

**Gauri K. Jadhao**

BE E&TC



Prof. K.R.Chaudhary



Sitting L to R :Neha Rawat, Mariyam Boxwala,Charul Jagtap, Gauri Jadhao,Mansi Shinde, Prayuja Patil, Trupti Yadav, Aishwarya Barabde, Shruti Waghmare, Shreya Bodake, Saloni Konge, Svarupa Kadam,Swara Chavan, Vaishnavi Zunjar.







## Jayanth Sharma

**Co-founder & CEO. Award-winning Wildlife Photographer**

I was born to a couple in Mysuru, Karnataka. My father, Dr Nagaraja Sharma is a retired Photographer and research scholar from the University of Mysore. My mother Smt. Shashikala Sharma, worked in the District Court of Mysore for nearly thirty years before she obtained VRS (Voluntary Retirement) and now resides in Bengaluru. I have a younger brother Hemanth Sharma who is a designer and works for an IT firm in Bengaluru. I married Shruthi in 2007, who I know from Mysore. I must admit that being a member of my family is in itself a tough proposition. I am not the

typical mall-going, movie watching person, and if I ever had to redo my life, I would probably love to be a better family man than I ended up being. Well, that's what happens when you are a part of the family of – Jay of the Jungle. Very sorry though.

Jayanth took up serious photography in 2004, and after gradually moving out of his day job to pursue his passion full time, co-founded Toehold in 2010 and especially since then, has been a prolific producer of consistently stunning imagery — the kind that is planned in a studio and executed outdoors.

Effortlessly combining natural history and fine-art elements, Jayanth brings back rarely seen perspectives from the little-visited domains and far corners of the natural world.

Behind Jayanth's awe-inspiring work are a fierce commitment to nail the composition in the field, an assiduous abstinence from digital manipulation, a nearly devotional love for quality, and zero appetite for compromise. Jayanth uses the strengths of his tools to his immense advantage, creating powerful vignettes of optical excellence designed to pamper the aesthetic corner of a nature lover.

Travelling is oxygen for Jayanth, and he wants to explore all possible natural hotspots of the world while he's on the planet. His unique expertise in photographing in a truly eclectic range of wilderness areas – from Southeast Asia to Canada, Brazil to Norway and East Africa to eastern Russia, is supplemented by his immense experience in the Indian Subcontinent.

Having worked in the mighty Himalayas, the unexplored Northeast, the secretive South and the tiger havens of Central India, Jayanth is a homegrown photographer gone totally global.

Participants of his Photo Tours find in him not only an acutely brilliant mentor but also a sparkling inspiration to conceive and execute images they had hitherto probably never imagined.

Add to this the distinct brand of humor with which he spreads cheer during his events, and you know why people seek his company as much as the fountain of photography expertise he carries so lightly on his illustrious shoulders.

“Why do two colors, put one next to the other, sing? Can one really explain this? No.” – Pablo Picasso

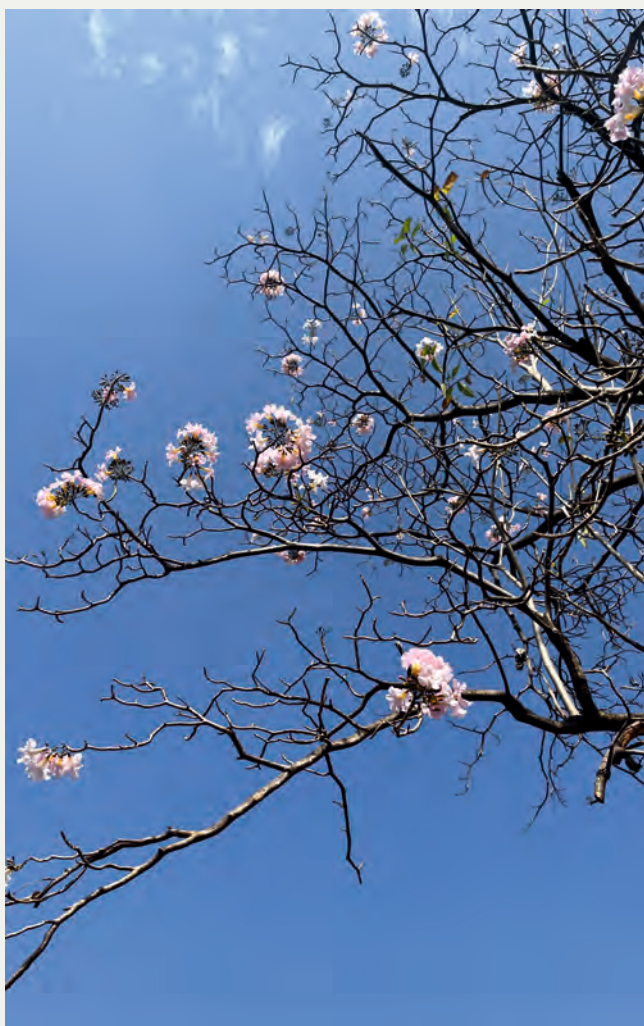
# Flowers



Shreya Bodake



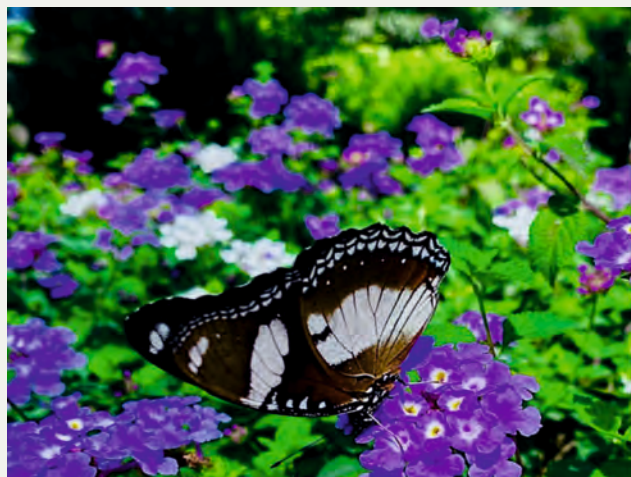
Prof.Dr.D.A.Godse



Swara Chavan



Svarupa Kadam



Shreya Bodake

“Creativity is intelligence having fun.” – Albert Einstein With



# Flowers



Prof Dr Deepali Godse



Madhura Lad



Prof Dr Deepali Godse



Prof Dr Deepali Godse



Prof Dr Deepali Godse



Sae Datar

“Talent is good. Practice is better. Passion is best.” – Frank Lloyd Wright

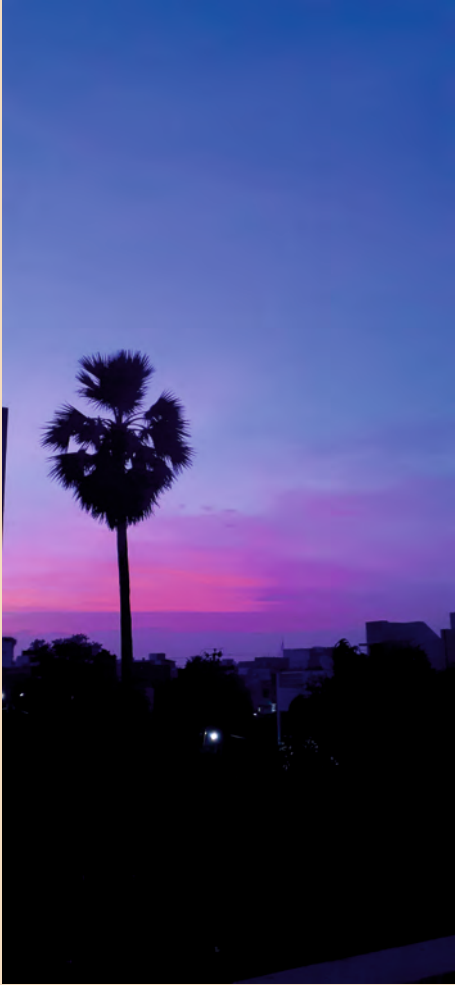
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## Sunset

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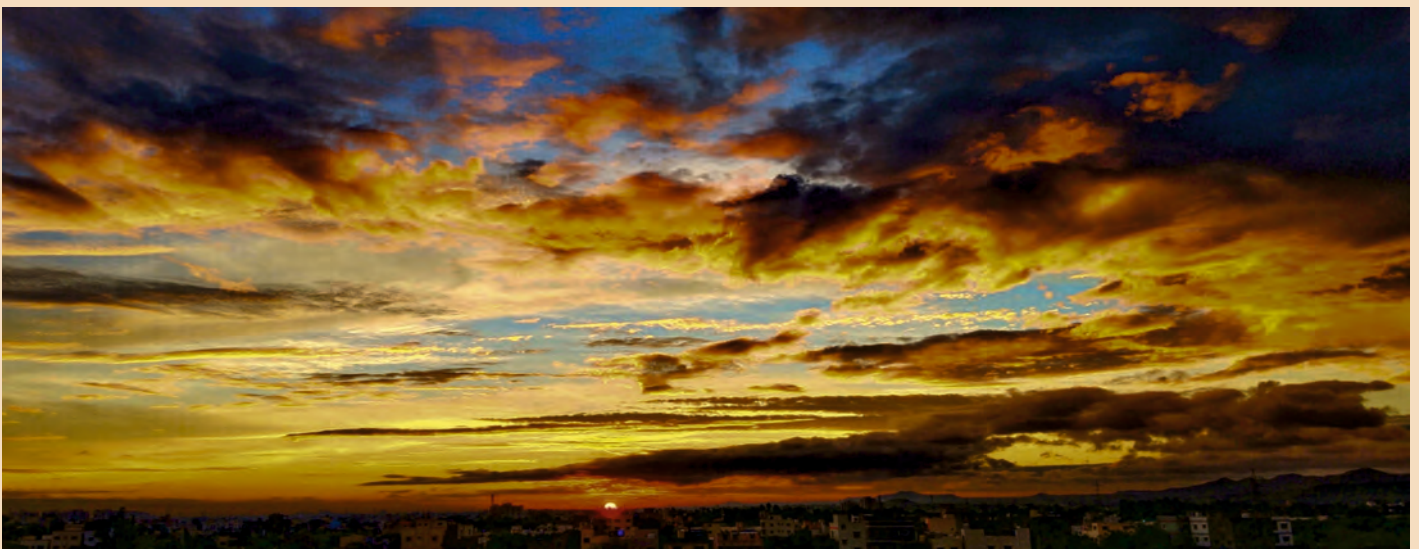
Svarupa Kadam



Swara Chavan



Saloni Konge BE E\_TC



Vaishnavi Dnyaneshwar Zunjar SE COMP

“Being creative is not a hobby, it is a way of life.”



# Sunset



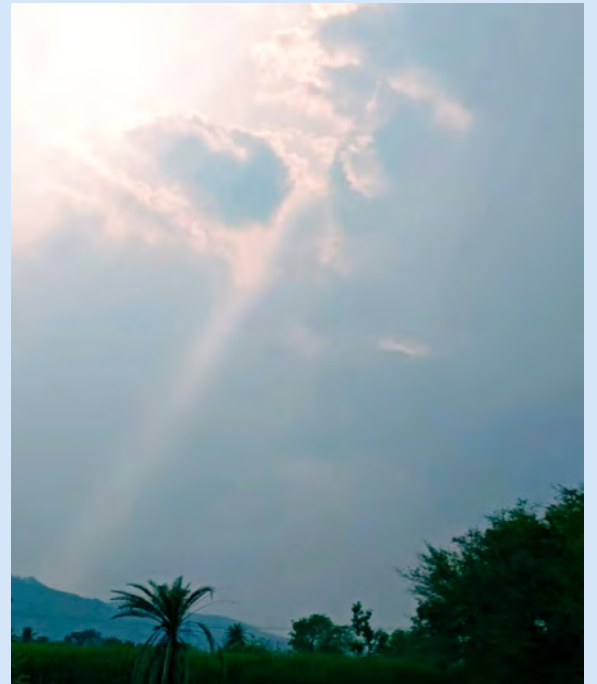
Saloni Konge BE E\_TC



Svarupa Kadam



Vaishnavi Dnyaneshwar Zunjar SE COMP



Prof. Dhumal Y.R.



Gauri Jadhao



Shreya Bodake



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## Nature

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SAEE DATAR



Shruti Waghmare



Neha Rawat



Prof.R.M.Shamalik



Prof.R.M.Shamalik

“Creativity is the greatest rebellion in existence.” – Osho



## Nature



Gauri Jadhao



Mariyam Boxwala



Shreya Bodake



Shreya Bodake

"Think and wonder, wonder and think." – Dr. Seuss



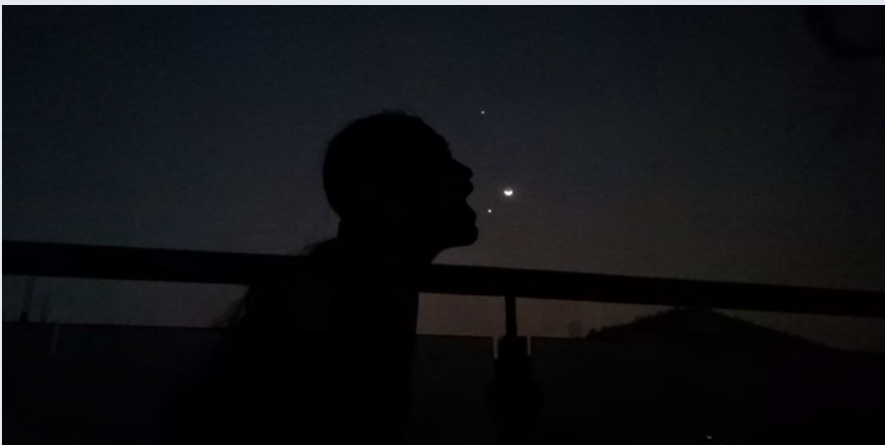
## Nature



Shreya Bodake



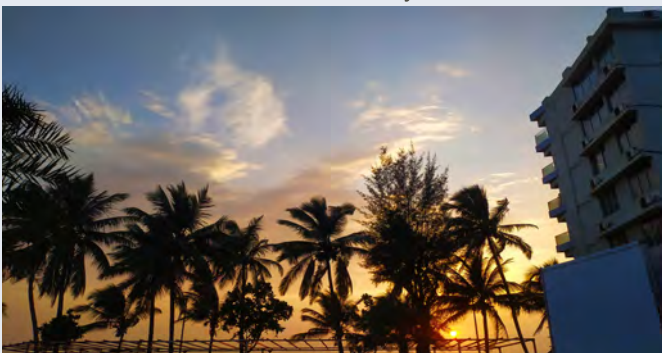
Saloni Konge BE E\_TC



Aishwarya Bhosale FE1



Vaishnavi Dnyaneshwar Zunjar SE COMP



Neha rawat



Mariyam Boxwala

"If you're always trying to be normal you'll never know how amazing you can be." – Maya Angelou



# Food



Prof. Dr. Deepali Godse



Prof. Dr. Deepali Godse



Swara Chavan



Saeedat



Saeedat



Saeedat

"Creativity is as important as literacy." – Sir Ken Robinson



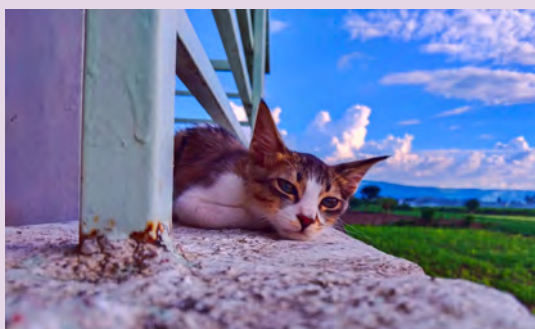
# Animals



Prayuja Patil SEIT



Anushka Chougule



Vaishnavi Dnyaneshwar Zunjar



Gauri Jadhao



Gauri Jadhao



Saloni Konge BE E\_TC

"Design won't save the world. But it damn sure makes it look



## Birds



Gauri Jadhao



Prof.P.R.Yawle



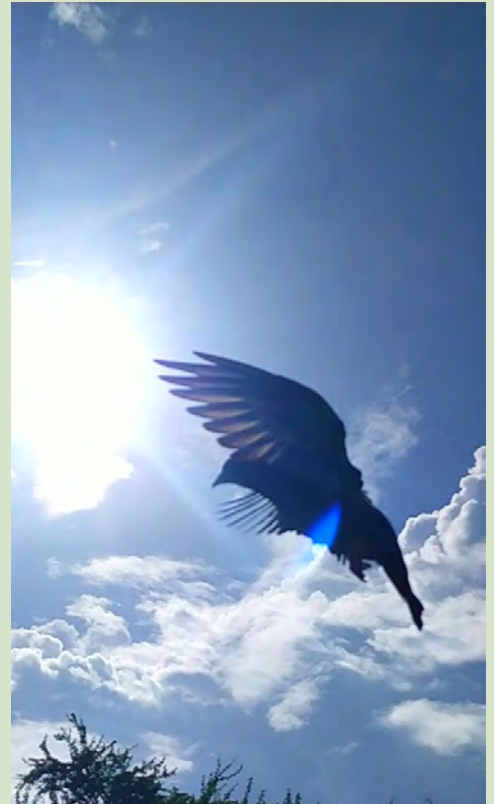
Prof.P.R.Yawle



Prof.P.R.Yawle



Gauri Jadhao



Neha Rawat

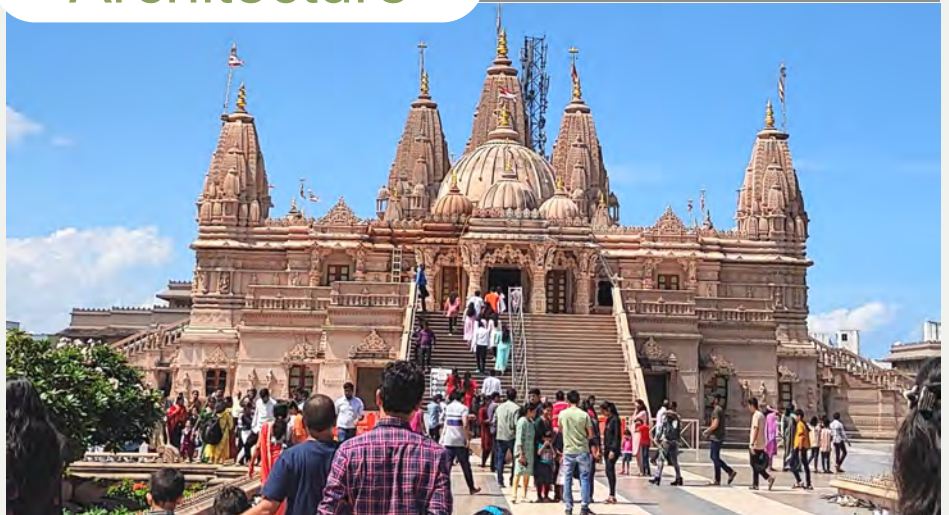
"It is not necessary for an artist to be crazy, but it helps."



# Architecture



Gauri Jadhao



Prayuja Patil\_



Gauri Jadhao



Prof.P.R.Yawle



Gauri Jadhao



Anushka Chougule



# Architecture



Gauri Jadhao



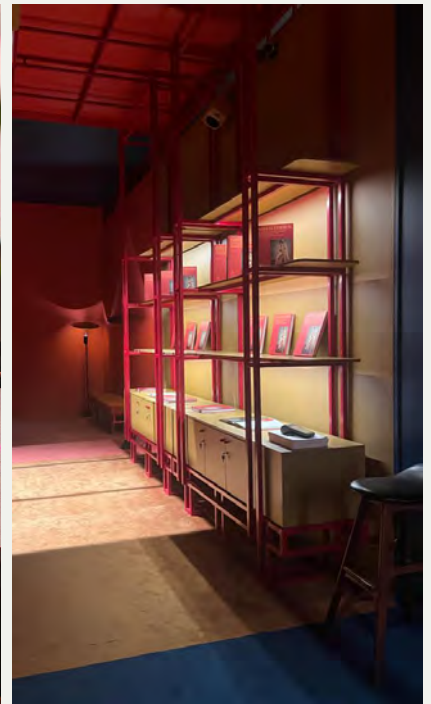
Neha Rawat



Shruti Waghmare



Gauri Jadhao



Shruti Waghmare

"The desire to create is one of the deepest yearnings of the human soul." – Dieter F. Uchtdorf



# ASHTANGA

No better cure than the lap of Nature.



Miscellaneous-Ayurveda Section





## From the Editor's Desk

Ayurveda is one of the prominent traditional systems that has survived and evolved till date. This system will continue to flourish in the next age due to the vast knowledge of nature-based medicine, the relationship of the structure and function of the human body to nature, and the elements of the universe that work synergistically and affect living beings.

Researchers, practitioners and experts in this field still have to find many ways to keep traditional systems of medicine (TSMs) alive and contribute to their growth in the future. However, due to several barriers such as lack of literature sources in different languages and lack of awareness of the fundamentals and histories of systems of different ethnic origin, there is a lack of information exchange from systems around the world.

Knowledge of systems of different ethnic origin will lead to exchange of knowledge and increase understanding of different systems and this can ultimately contribute to the integration and advancement of herbal medicine research with collaborative work of researchers from different countries. These future goals can be met when one gains insight into the system, principles, and history, and works on strengthening aspects that are common to various TSMs.

To date, there have been many detailed examinations of Ayurveda. However, very few reviews detail the basic principles and historical practices of Ayurveda.

I'll be thankful to Prof.V.P.Mulik, Prof.A.P.Yadav and Prof.S.B.Jadhav ,co-ordinators and entire team for giving me this opportunity. Also I am grateful to all those who shared their amazing ideas for magazine.

I'm sure you'll really enjoy reading these.

**Pooja Gophane**

BE-2 Entc



L to R Staff Names Prof. V. P. Mulik, Prof. S. B. Jadhav, Prof. A. P. Yadav



L to R Students Name : Poonam Rajebhosale, Lakshita Panchbhai, Neha Jamdade, Rutuja suryawanshi, Pooja ghopne, Rajnandini kathare, Megha Salunkhe, Shreeya, Shruti Sakare



## Ayurvedic Therapy

Allopathic treatment is only for diseases but Ayurvedic therapy, yoga therapy, Jal therapy, pranayam Mudra, Bandha, Shosht karma, etc. these therapies make a sick person healthy and a healthy person more strong, and beautiful. On the contrary, it is true that only sick people go to allopathic medicines and doctors, healthy people never go to them. But both sick and healthy people go to this natural medicine. A sick person goes to care for a disease and a healthy person goes to prevent himself/herself from getting this disease and to keep his/her body always healthy and wholesome. Every human being is attracted



towards external flamboyance and moving away from nature. So our body is becoming a little obese and lazy.

Now, let us know some medicines and Mantras which are applicable for all diseases

1. one should take a deep breath count to 30 and chant OM while exhaling in a loud voice. By doing this chanting, the body never gets affected by any disease, furthermore fighting power and chanting the Mantra health is obtained by doing this.
2. Patience is the basic basis of health
3. No fruit Juice should be taken after 6 PM.
4. Mantra for staying healthy is one glass of

WATER in the Morning, One glass of buttermilk in the afternoon. One glass of MILK at night.

Yogasana, pranayama Bandha, Mudra. Surya-asan (Intake of Sun rays), Drink 4 glasses of water before Sunrise, walk on cool air in the Morning, Drink 1 glass of water before meals, Eating light and bland food before 8 pm sleeping early getting up early, Massaging the body with oil, getting proper sleep etc. this will protect anyone from many diseases. By adopting some of the above things in one's life, a person stays away from all diseases and gets instant health benefits even if he rarely gets sick.

**Shruti Sakare-SE.**

## Journey to Healing: The Therapeutic Benefits of Travel

Which do you prefer—the beach or the mountains? Happiness and tranquility are what both a beach and a mountain provide us in common. Travel is so much more than just seeing new places. It is about immersing oneself in new cultures, meeting new people, and learning about the world in a way that we never could from reading a book or watching a documentary. It offers an opportunity to explore new places, meet new people, and enjoy new experiences.

But, it is more than just a way to escape from the daily routine or explore new places. It can also be a form of therapy for both the mind and body. Research has shown that travel can have a positive impact on mental health by reducing stress and improving cognitive function. In addition, travel has been linked to physical benefits such as lowering the risk of heart disease

Excellence is not a skill. It is an attitude.

and improving overall well-being. While traditional therapy has long been used to treat mental health issues, and conditions such as depression, anxiety, and stress, more and more people are choosing travel as a kind of rehabilitation instead of more conventional forms of treatment. This makes travel a great therapy option for those who are looking to improve their overall health and wellness. This phenomenon is fueled by the increasing recognition of the importance of self-care and the benefits of exploring new places, and cultures.

Here are a few tips to ensure your therapeutic travels are successful:

- To have a therapeutic vacation, we must carefully choose a destination that will give us a new perspective and a sense of well-being.
- Prioritize relaxation during your therapeutic travels. Unwind and allow yourself the time and space to decompress

in new surroundings without the stress of daily routines. Breathe, Relax, and rest.

- Make sure to prioritize activities that bring you joy and increase your sense of well-being. Explore new things to help you stay present-focused. Sometimes, by just observing our surroundings we can learn a lot.
- Be flexible and open-minded during your therapeutic travels. You may completely embrace new experiences and make the most of your therapeutic vacations by being adaptable and open-minded.
- Embrace uncertainty and be willing to deviate from your original plan. Perhaps facing your

**Reference:**

<https://www.psychologytoday.com/us/therapists/journey-to-healing-llc-philadelphia-pa/1086581>



Your actions and your words should always agree with each other.





## Here are some of the common problems faced by children and their suggested ayurvedic treatment:



### 1. Colic and Constipation-

Most of the kids face the problem of colic and constipation in their earlier years of life. With Ayurvedic compound mixtures, parents can ease their infants and toddlers from the pain. However, you must consult your Ayurvedic practitioner about the remedy you use for colic and constipation in your kid. The Ayurveda suggest that usage of Eladi Churna and Hingwastak Churn will help kids to ease the pain of colic and constipation.

### 2. Cold and Flu-

With the change in season and increasing level of humidity in the weather, kids are an easy target for cold and flu frequently in a year. Generally, Ayurveda helps the kids to develop a healthy immune system with time. But if your kid is facing flu and cold, the home remedy you can try is ginger tea and tulsi tea. If your kid resists the taste, add honey for taste and sweetness. There

is an ayurvedic compound called Mahasudarshan that helps with fever.

However, before exercising this procedure, you must consult your ayurvedic practitioner.

Ayurvedic medicines are safe and do not have any side effects. They should be taken in proper quantity and only after consultation with the ayurvedic practitioner. The daily routine of kid determines the type of lifestyle he leads. Ayurveda studies the pattern of the kid and helps with the possible illness. It is essential for parents to understand that healthy habits in kids help them to

live an illness free life. Children need better care, cleanliness, longer hours of sleep, and a healthy and balanced diet. Children above age five can be given Brahmi Gritham to sharpen their memory. For brain and bones development, let your kids play as much as they want.

### Reference:

<https://www.lybrate.com/topic/benefits-of-ayurvedic-treatment-for-children/efebe8baa048ca189e03373b00ef6b8c>

## Effects and Side Effects of Commonly Propagated Ayurvedic Herbs in the Market.

### 1. Curcuma/turmeric

#### Ayurvedic Perspective:



-Anti-inflammatory and anticarcinogenic actions.

-Pungent and bitter in taste (katu, tikta), dry in quality (guna), hot in potency (veerya), and pungent in its post digestive taste (vipaka). It is used in vitiated states of kapha and pitta.

Results of Improper Usage:

-It dries out patients' stools.

-Not to be given in vata conditions, with overuse drying out the body and intestine, leading to constipation.

## 2. Ginger

**Ayurvedic Perspective:**



-Pungent taste, be light and unctuous in quality, hot in potency and sweet post digestion; help reduce patients' kapha and vata and increases their pitta.

Results of Improper Usage:

-People who take ginger regularly, in pitta condition, or having pitta prakruti, may develop pitta-related problems. This may, in turn, lead to inflammatory skin problems or to gastrointestinal diseases such as hyperacidity, intestinal inflammation, hemorrhoids. Long-term use may also cause constipation.

-It can also interact with anti-inflammatory medications like ibuprofen as well as anticoagulants such as aspirin, warfarin, and heparin. Side effects include increased bleeding,

as well as the development of rashes, itching, and swelling of the tongue, lips, and/or throat.

## 3. Aloe vera

**Ayurvedic Perspective:**



-Bitter and a sweet taste, a heavy, unctuous and slimy quality, a cold potency, and a pungent post digestive taste. It is good in vitiated conditions of pitta and vata. Used in various inflammatory diseases, as well as in skin and liver disease.

Results of Improper Usage:

-Improper use may cause complications, producing problems arising from kapha and ama (metabolic toxins).

-Long-term use of the latex form of Aloe vera can result in potassium deficiency.

-It should not be taken orally in inflammatory intestinal diseases like Crohn's disease, ulcerative colitis, or appendicitis, nor used during pregnancy.

## Reference:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5871155/table/table1-2156587216671392/?report=objectonly>

**Pooja G.BE-EnTC**



## Meditation or “dhyana”

Meditation or “dhyana” is also a part of yoga. Like the physical practice of yoga, dhyana also forms a profound connection with the universe by doing mental exercises to bring you to a higher state of consciousness. This connection happens in the savasana when you are in a meditative, peaceful state.

### What are the benefits of yoga meditation?

Yoga and mindfulness meditation are similar in that they both require concentration and focus. The ultimate goal of both of these practices is to feel peaceful, relaxed, in a state of self-awareness, and connected to the universe. This is done through pranayama or regulating and focusing on your breath.

People often do yoga and meditation for the many health benefits they provide. Together, they can work synergistically to help the body in complementary ways.

Because yoga meditation is typically done after a yoga session, you receive the benefits of yoga and meditation simultaneously.

### Reference:

[https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.massagemag.com%2Fmeditation-practice-126271%2F&psig=AOvVaw1td52JJM-PqxXigWZb9hS4&ust=1682326869892000&source=images&cd=vfe&ved=2ahUKEwjA94mN0r\\_-AhVE1nMBHdaECS8Qr4kDegUIARCSAg](https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.massagemag.com%2Fmeditation-practice-126271%2F&psig=AOvVaw1td52JJM-PqxXigWZb9hS4&ust=1682326869892000&source=images&cd=vfe&ved=2ahUKEwjA94mN0r_-AhVE1nMBHdaECS8Qr4kDegUIARCSAg)



Poonam\_

## Ayurveda is a health care system

**Ayurveda is a health care system** of traditional medicine native to India and a form of alternative medicine. The earliest literature on Indian medical practice appeared during the Vedic period in India, i.e., in the mid-second millennium BC. The Suśruta Saṃhitā and the Charaka Saṃhitā, encyclopedias of medicine are among the foundational works of Ayurveda. Ayurveda has evolved medicine and surgery in a variety of ways since its invention. In an early period, Ayurveda adopted the physics of the "five elements"; Pṛthvī (earth), Jala (water), Agni (fire), Vāyu (air), and Ākāśa (Sky) — that compose the universe, including the human body. The Chyle or plasma (rasa dhātu), blood



(rakta dhātu), flesh (māṃsa dhātu), fat (medha dhātu), bone (asthi dhātu), marrow (majja dhātu), and semen or female reproductive tissue (śukra dhātu) are held to be the seven primary constituent elements – saptadhātu of the body. Ayurveda stresses a balance of three elemental energies or humor (tri doshas): Vāyu vāta (air & space – "wind"), pitta (fire & water – "bile"), and Kapha (water & earth – "phlegm"). Around 80% of Indians used traditional medicines, including Ayurveda, according to some sources.

**"Ayurveda: A Brief Introduction and Guide"** by the Chopra Center: This comprehensive article provides an in-depth overview of Ayurveda,

**Reference:**

"The Ayurvedic Diet: Eating for Your Body Type" by Harvard Health Publishing: This article explores the Ayurvedic approach to nutrition and how it can help you maintain a healthy weight, boost your energy levels, and improve your digestion. It explains how Ayurveda identifies three different body types, or doshas, and provides dietary guidelines for each one. The article also discusses the potential benefits and drawbacks of following an Ayurvedic diet and provides practical tips for getting started.

**Reference:**

1. <https://www.health.harvard.edu/staying-healthy/the-ayurvedic-diet-eating-for-your-body-type>
2. [https://www.google.com/url?sa=i&url=https%3A%2F%2Fhealth.clevelandclinic.org%2Fwhat-is-ayurveda%2F&psig=AOvVaw37KjDbrH71FTAQtIOfJxH\\_&ust=1682326958384000&source=images&cd=vfe&ved=2ahUKEwjigaO30r\\_AhVaHrcAHYSmBmUQr4kDegUIARCNAQ](https://www.google.com/url?sa=i&url=https%3A%2F%2Fhealth.clevelandclinic.org%2Fwhat-is-ayurveda%2F&psig=AOvVaw37KjDbrH71FTAQtIOfJxH_&ust=1682326958384000&source=images&cd=vfe&ved=2ahUKEwjigaO30r_AhVaHrcAHYSmBmUQr4kDegUIARCNAQ)

## Rajnandini Kathare

[illegible]

Ayurveda is a science of life with a holistic approach to health and personalised medicine. It is one of the oldest medical systems, which comprises thousands of medical concepts and hypotheses. Ayurveda has the ability to treat many chronic diseases such as cancer, diabetes, arthritis, and asthma, which are untreatable in modern medicine. Unfortunately, due to lack of scientific validation in various concepts, this precious gift from our ancestors is trailing. Hence, evidence-based research is highly needed for global recognition and acceptance of Ayurveda, which needs further advancements in the research methodology. The present review highlights various fields of research including literary, fundamental, drug, pharmaceutical, and clinical research in Ayurveda. The review further focuses to improve the research methodology for Ayurveda with main emphasis on the fundamental research. This attempt will certainly encourage young researchers to work on various areas of research for the development and promotion of Ayurveda.

According to the World Health Organization, about 70–80% of the world populations rely on nonconventional medicines mainly of herbal



sources in their healthcare. Public interest for the treatment with complementary and alternative medicine is mainly due to increased side effects in synthetic drugs, lack of curative treatment for several chronic diseases, high cost of new drugs, microbial resistance, and emerging diseases, etc.

Ayurvedic treatment is although highly effective; proper mode of action, pharmacology, pharmacokinetics, and pharmacovigilance of many important Ayurvedic drugs are still not fully explored. Moreover, the comprehensive knowledge of the basic ideologies of Ayurveda is poorly acceptable scientifically due to lack of evidence. In the modern time, when the Western medicinal system is almost at the top because of validated research and advanced techniques, there is an urgent need to validate basic principles as well as drugs used in the ayurvedic system of medicine with the help of advanced research methodology. Therefore, advancements in the ongoing research methodology are highly required for the promotion of Ayurveda.

#### Reference:

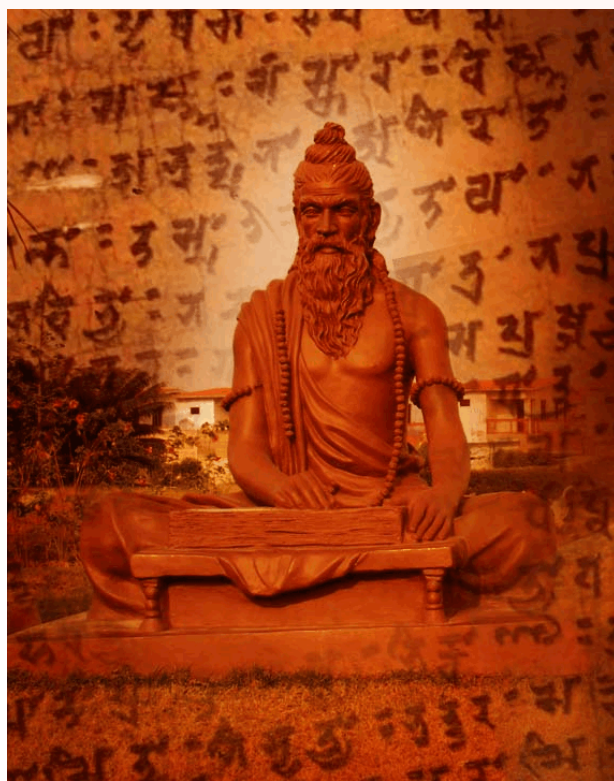
1. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5041382/>
2. <https://www.istockphoto.com/vector/round-ayurveda-background-gm494532064-77471609>

**Rajnandini Kathare**



One who look around is intelligent. One who looks within is wise.

## Why is 5000 years' old Ayurveda still valid?



Ayurveda has been dated back to more than 3000 to 5000 years from now. Then, is it not surprising how it is still surviving and increasing its popularity and demand? Is it a blind faith based healing? Is it scientific or not? How can a healing method be so old and yet valid till date? What are the myths and truths associated with Ayurveda in the present world? Is it a perfect science and Can it cure all diseases? If not, what are the limitations of Ayurveda? What should be done to utilise this ancient knowledge in a better way? How should we do research in Ayurveda to validate it properly and make it applicable in a wider population? In a gathering with multiple disciplines of healers and knowledge seekers from various countries and cultures, it will be interesting and enlightening to understand the above questions and try to find answers to them. This effort will open many doorways of taking Ayurveda to a larger population and spreading the useful knowledge for the benefit of people.



This talk would try to answer the above questions and collect opinions from the delegates and scholars.

Dr. Prasanna Kakunje was born and brought-up in small towns of Karnataka, India. He grew up surrounded by plenty of greenery and hence became a nature lover. He obtained his graduation in Ayurveda (BAMS) from ALN Rao Memorial Ayurvedic Medical College, Koppa and pursued MD in Ayurvedic general medicine (Kayachikitsa) from Government Ayurveda Medical College, Mysore, India. He works as Ayurveda medical officer, consultant, teacher, spa/hospitality consultant and is an entrepreneur too. He runs Kakunje Ayurveda Center in Moodbidri, India and teaches to MD students as Associate Professor at ALN Rao Ayurvedic Medical College, Koppa.

#### Reference:

<https://herbal-medicine.imedpub.com/why-is-5000-years-old-ayurveda-still-valid.php?aid=45229>

Rutuja S.-BE EnTC

## Types of Exercises and their benefits:

**Morning Walk:** Morning walk is the first and most common exercise and is suited in almost all constitutions. Diabetic patients should do morning walk regularly as morning walk is very good for their health.

**Gymnastic Exercises:** one must do gymnastic exercises only under the guidance of an experienced trainer. Gymnastics may be positively injurious to weak constitutions.

**Yoga:** Yoga helps us to control our mind as well as the body. Yoga is a mixture of physical, mental

and spiritual exercises. Yoga is very good for everyone. One must do yoga regularly. To give more importance to yoga now in our country, Yoga Day is also celebrated on 21st June every year.

**Free –Hand exercises-** These are the simple exercises that can be easily followed by everyone.

**Aerobics:** Aerobics means using or requiring more oxygen. These exercises are done to make the body consume more oxygen. Aerobics help to improve the condition of the circulatory system and the heart. Example: Cycling, Swimming etc.

**Anaerobic:** It means not using or requiring more oxygen. These exercises are highly intensive and therefore done for a short duration of time. Example: Weight Lifting.

**Flexibility:** It means to stretch one's body as much as one can without any difficulty. These exercises are done to improve joint flexibility and muscular mobility. Example: Stretching.

#### Reference:

Scholars International Journal of Traditional and Complementary Medicine



Rutuja S.-BE EnTC



## Ayurveda-A Way of Living

Ayurveda was developed more than 3,000 years ago in India. It is based on the belief that health and wellness depend on a delicate balance between the mind, body, and spirit. According to Ayurveda, every person is made of five basic elements found in the universe: space, air, fire, water, and earth. Many people believe that its main goal is to cure diseases but its main goal is to promote good health.

Ayurvedic medicine has a rich history. Originally shared as an oral tradition, Ayurveda was recorded more than 5,000 years ago in Sanskrit, in the four sacred texts called the Vedas: The Rigveda (3000-2500 BCE), Yajurveda, Samveda, and Atharvaveda (1200-1000 BCE).

In Sushruta Samhita (Sushruta's Compendium), Sushruta wrote that Dhanvantari, the Hindu god of Ayurveda, incarnated himself as a king of Varanasi and taught medicine to a group of physicians, including Sushruta. That is where he developed the idea of the traditional medicine "Ayurveda" and educated the world. Ayurveda therapies have varied and evolved over more than two millennia.

Ayurveda is all about understanding that being "healthy" is your natural state. If you and your environment are at equilibrium, then it forms a

balanced state, and if the opposite occurs, then it is an imbalance in nature.

With an Ayurvedic approach, there are no guessing games when it comes to ethos and philosophy – you know your approach to health is rooted in Nature's elements and principles, and your solutions will help you to better align with Nature. Ayurveda translates to "the science" (or wisdom, knowledge) of "life" – and this applies to all the life, as we know it, in our Universe.

When we align ourselves with Nature, we develop an innate sense of what is sustainable. "Sustainable" is a buzzword we've all heard by now, but what does it mean? According to Ayurveda, anything that taxes the system – that counters the support of life – is unsustainable. We don't strive for perfection in Ayurveda (for that can cause more stress!), but we do learn to evolve our daily lifestyles and orient ourselves toward the choices that best support all aspects of our lives – physical, mental, and emotional health. The result is lasting solutions instead of short-term, quick fixes.

Ayurveda provides the tools we need to understand what is health and what can we do to support it. We learn what we can do every day and what decisions we are constantly making which impact our health. Ayurveda calls every one of us to take back our power



Happiness lies in the joy of achievement and the thrill of efforts.

## VEDIC AYURVEDA

and claim our ability to manifest a healthy life. This doesn't mean we don't seek guidance or expert advice — quite the opposite! Ayurveda acknowledges that this is a learning path, and we must honestly admit when we face limitations and take the self-loving steps needed to find support. With the tools of Ayurveda, we can truly take charge of our health.

As per research and many studies, it has been identified that poor physical health directly affects our mental wealth. Therefore, you need to be physically and mentally healthy enough to live a good life without feeling unwell and tense. Ayurveda helps in reducing anxiety and stress in one's life because if your digestive system is not good and strong enough, it will make you tired and will later reflect negative feelings. Ayurveda has a lot of medicine and treatments that help people reduce stress and anxiety. These involve yoga, massage, therapies, fasting, and other dietary regulations that are specifically suggested as per your body's doshas constitutions. Talk to our yoga and meditation therapist specialists today to learn your body's doshas constitutions.

Ayurveda essentially means the knowledge of life. It is a precise combination of science and the art of healthy living. Ayurveda is popular for its extensive natural healing ways that work on illnesses and improve the general wellness of the human body and mind.

**-Sae Shriram Datar**

Class:SE(IT)

### References:

<https://hospitalityinsights.ehl.edu/ayurvedas-healing-benefit>

<https://www.yo1.com/health-guide/the-benefits-of-practicing-ayurveda.html>

<https://vikaspedia.in/health/ayush/ayurveda-1/concept-of-healthy-living-in-ayurveda>



Tamarind fruit which I want to buy;  
The question may come to your mind, why?  
My father knew the remedy for dry eye;  
Tamarind juice is good for blood, try it.  
To cleanse kidneys, to make the liver healthy;  
A glass of tamarind juice daily is a remedy.  
If blood circulates, stays thinner;  
I guarantee you that you live healthier.  
Much of anything makes you sick;  
Follow Ayurveda as in the time of Vedic.  
Shift industries to old ways, natural;  
Modern meds are toxic chemicals.

**Chan Mongol**

The way to get started is to quit talking and start doing.





## Impermanence: The inevitable nature of life

Change is the only constant in life (Heraclitus)

Impermanence is a fundamental aspect of life that can't be avoided. This concept emphasizes that nothing in life is permanent and everything is subject to change. It reminds us to embrace impermanence and let go of attachments to things or situations, as they will inevitably change over time.

The concept of impermanence refers to the fact that everything in the world is constantly changing, and nothing is permanent or fixed. This idea can be seen in various aspects of life, from the natural world to human relationships, and even in our bodies.

One of the fundamental teachings of Buddhism is the concept of impermanence. It is believed that all things are in a state of constant flux and that nothing remains the same over time. This idea is not limited to Buddhism, however, as many other spiritual traditions also recognize it, for example, Saint Tukaram in Hinduism.

The natural world is a prime example of impermanence. Seasons change, the weather fluctuates, and plants and animals are born and die. Even mountains and oceans, which appear to be fixed and unchanging, are subjected to erosion and other natural processes that cause them to shift and change over time.

Similarly, the same concept applies to human relationships. Friendships can dissolve, romantic relationships can end, and family dynamics can change. In addition to external changes, our bodies are subject to impermanence. Cells are constantly dying and being replaced.

For example, a simple sandcastle, which gets washed away by the waves, is a powerful metaphor for the impermanence of all things. No matter how solid and impressive a structure may seem, it is subject to change and decay over time. The waves that wash away the sandcastle are a reminder that everything in life is subject to change and impermanence. The tides

of time and circumstances can sweep away even the most seemingly permanent things, leaving only memories and echoes of what once was.

But there is also beauty and meaning in impermanence. Just as the sandcastle is created with the knowledge that it will not last forever, so too do we live our lives with the understanding that our time on this earth is limited. This awareness can give us a sense of urgency and purpose, encouraging us to live our lives fully and make the most of our time.

All of these things teach us to cherish the moments we have and to find joy and beauty in the fleeting and ephemeral nature of all things. In conclusion, impermanence is a fundamental aspect of life that cannot be avoided. By recognizing and embracing this truth, we can live more fully in the present moment and learn to appreciate the beauty of life without getting caught up in attachment or fear of change. It is a reminder that life is precious and that we should make the most of our time.

Name - **Vaishnavi Bandu Patil**

Roll no. 160, Div : I (FE, IT)



**In the study of religion,  
the control of the mind is  
absolutely necessary. We  
have to turn the mind back  
upon itself in this study.**

*Vivekananda*

We may encounter many defeats but we must not be defeated



# Mrs. Shubhangi Patil

## Yoga Instructor and Nutritionist

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**1) How did you get into this field?**

I have experienced so many benefits from my yoga practice that I wanted to share it with others. I want to help others learn how to relax and relieve stress. It's amazing how much different your body feels after a class through simply moving and breathing.

**2) What inspired you to get into this field?**

Much self-love and mental health have inspired me to get into this field. Overall health is a very important aspect and there was one time when I gained some weight, so I wanted to become fit and healthy so this is all that inspired me to get into this field and pass on the knowledge that I have to everyone.

**3) How did you keep your personal and professional life separate?**

So, keeping my personal and professional life separate is again a challenge for me because I have to be multitasking while doing my work.

I am doing it at on specific time which means I am having particular time for practicing yoga or teaching yoga, after that I usually never do it but if there is any emergency then I can extend my working time as well

**4) Where did you grow up?**

I grew up in my hometown itself and as I was from a middle-class family, so I didn't get the quality education I wanted. But I tried hard and did my MBA from Pune University and after that when I got interested in yoga so I did D.Ed in Yoga and massage therapy and also after that, I did my Diploma in nutrition from California University which I attended online. So no matter where you belong if your ambition to become something is strong and your perseverance to fulfill your ambition is strong then you can achieve anything you want.

**5) What is the best childhood memory you cherish?**

My best childhood memory was when I was young that time my family used to meet and celebrate different festivals as well as functions, my cousins and I used to play a lot of outdoor games and these all were my best childhood memories.

Then eating raw food fresh from the farm itself is also a very refreshing memory because due to that I got to know the importance of having raw and fresh farm food for the healthiness of one's body and I still try to indulge that practice in mine as well as all of my student's diet.





6) **What is your skincare routine?**

Sweating is the most effective way of keeping your skin healthy.

Then eating your greens can also prevent skin aging and other skin problems

Amla is the best medicine that we should use in our daily life because it makes our skin look younger and fresh.

7) **How do you keep yourself fit?**

Avoiding junk food, because junk can make you look fat and it is ok if we eat it rarely but not regularly Then avoiding sweets after dinner because eating sweets before going to sleep can increase fat and can create other health-related problems.

8) **Do you practice meditation and what is the importance of it in today's world?**

Meditation might look simple, but it takes practice. And it's a worthwhile investment of your time. Finding calm in your busy mind can pay incredible dividends.

Whether practicing on your own, in a group, or as part of mindfulness-based therapy, meditation trains your attention, helping you to be more present, find peace, and savor positive emotions.

While meditation has been around for thousands of years, more recently, it has come under the scrutiny of science.

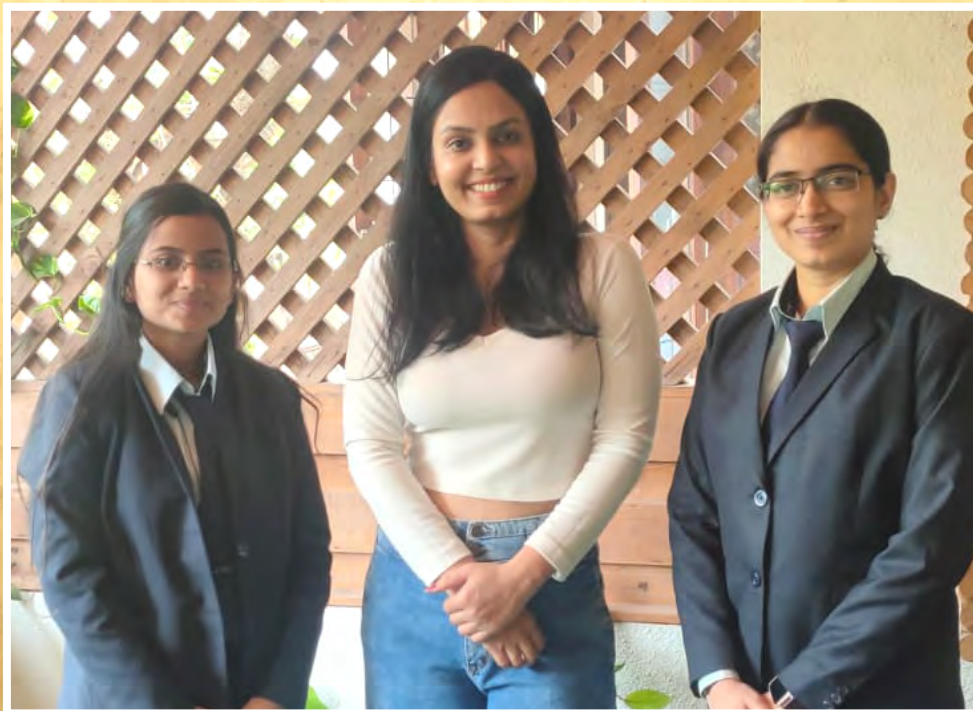
Meditation is a challenging practice! I've learned that when I incorporate it into my daily routine, I feel much calmer and have a greater ability to focus. It also helps me to pay closer attention to the needs of my body. I try to integrate meditation into my classes so that my students can get a taste of the benefits.

9) **Message to all young girls out there in our college BVCOEW?**

The message for all young girls out there is to love yourself, do meditation, do it consistently, eat green, and eat healthy.

Do exercises like stretching and all and all things will keep your health and wealth perfect.

Edited By: **Rutuja Suryawanshi**



From Left to Right : Rutuja Suryawanshi, Nutritionist Shubhangi Patil, Pranita Patil





# PARIBHASHIKA

*The value of idea lies using in it.*

Technical section





## From the Editor's Desk

“Paribhashika” is a Sanskrit word that means Technical. In today’s world technical skills are of utmost importance. To be technical is to have special and usually practical knowledge, especially of a mechanical or scientific subject. Web development, robotics, UX design, computer programming languages, and data analysis are some of the booming technical skills at present. Mastering these skills will definitely unlock tremendous opportunities for anyone in the future. In this section, we are going to feature articles on the technical section.

I and my team are overjoyed to be able to contribute as part of the college magazine as an editor of “Paribhashika” (Technical section) of Anitya. I would like to appreciate the efforts of my team and I’m thankful to our principal Dr. S.R.Patil, and our magazine coordinators Prof. Y.R.Dhumal, Prof. P.R. Yawle, and also the entire magazine team. Also, I am so grateful to all the authors who shared their articles to make the section informative and interesting by contributing their time and their conceptions for this section.

I am thankful to Prof. Dr .S.A. Dhole, Prof. S.M. Jagdale, Prof. M.A. Rane, the coordinators, and the entire team for the opportunity to submit my work. Also, I am grateful to all those who shared their amazing ideas for the magazine.

**Tabassum R Pathan**

BE EnTC



From left to right: Prof. S.M. Jagdale, Prof. M.A. Rane, Prof. Dr. S.A. Dhole



Left to right : Gayatri Kavade, Gayatri Temgire, Shriya Lakhe, Anushka Choughule, Shrusti Halge, Tabbasum Pathan. Khushboo Bedwal, Gargee singh, Shreya Dhadse, Devanshi Koushal, Firdos Maniyar



## CYBER SECURITY



Cyber security refers to the practice of protecting digital devices, networks, and sensitive information from unauthorized access, theft, damage, and other malicious attacks. As technology has become more integral to our daily lives, the importance of cyber security has grown exponentially.

Cyber security involves a range of techniques and tools that are designed to safeguard data and digital systems from unauthorized access, data theft, viruses, and other types of cyber attacks. These techniques include using strong passwords, installing anti-virus and anti-malware software, implementing firewalls, and regularly updating software to prevent security vulnerabilities.

There are several different types of cyber attacks, including phishing attacks, malware attacks, denial-of service attacks, and ransomware attacks. Cyber security professionals work to prevent these types of

attacks from occurring, as well as mitigating any damage that may occur as a result of a successful attack.

Cyber security is a rapidly evolving field, and professionals in this area need to stay up-to-date with the latest techniques and tools for protecting digital systems and data.

**FIRDOS MANIYAR**

( SE COMP)

## THE MORALITY OF GENETIC ENGINEERING

Genetic engineering methods used in animal husbandry also give rise to a number of ethical problems. Scientists actively pursue profits from the intensification of agricultural production processes by applying genetic engineering methods to “improve” some breeds of agricultural animals.

However, such genetic experiments are striking in their cruelty. For example, the human growth gene that was introduced into the DNA of mice led to cancer cells’ appearance. So, there is an affinity between the “growth gene” and the “cancer gene.” Are these methods acceptable from the point of view of ethics?



In the genetic engineering of plants, fortunately, there are fewer ethical problems, but, nevertheless, they exist. In particular, the creation of hybrids of the most diverse organisms causes the anxiety of religious figures, in connection with which many difficult-to-solve problems arise.

For example, is it morally permissible to eat plant food with embedded animal genes during fasting? Is it okay to eat genetically modified products in which human genes are embedded, or should this be considered cannibalism? Is it impossible to consider food into which genes have been transferred, for example, pigs, to be partially pork, and if this is the case, do the prohibitions of some religions apply to it?

Religion Against Genetic Engineering Religion

provides the strongest grounds for protesting genetic engineering. So it is not surprising that most of the resistance to all new reproductive technologies comes from people with religious beliefs. This resistance is deeply rooted in fundamental religious norms.

According to the Judeo-Christian tradition, humans were created in the “image” and “likeness” of God, which, according to some interpreters, means both the given nature of man and their perfection, the goal towards which they must strive; and from the point of view of others, “image” and “likeness” are synonymous. Humans are likened to God, first of all, in that they were given power over nature, and also in that they received from the Creator the “breath of life.”

Thanks to this, a person becomes a “living soul.” This concept means a living personality, the unity of vital forces, the “I” of a person. Soul and flesh are characterized by organic unity (in contrast to the Greek philosophical dualism, which contrasted spirit and flesh).

Some people believe genetic engineering is morally wrong because it interferes with God’s plan for humanity. They believe that we are playing with fire by altering the genes of living organisms and that this could have catastrophic consequences for both humans and the environment.

Others argue that genetic engineering is a tool that can be used for good and that it has the potential to help us solve some of the world’s

most pressing problems, such as hunger and disease.

### **Final Verdict: Is It Ethical?**

Currently, a wide range of problems is associated with the application of genetic engineering, covering almost all fundamental spheres of human life and activity. Ethical and moral problems come to the fore here, initiating many sharp discussions within and outside of scientific circles.

There are a lot of different opinions out there about whether genetic engineering is ethical or not. Some people believe that it is a helpful tool that can be used to improve the lives of people who have genetic disorders. Others believe that it is morally wrong to “play with God” and change a person’s DNA.

Still, an extensive class of these ethical problems requires a new adaptation to the surrounding reality. At this stage, the main task of genetic engineering is primarily to provide maximum benefits, both in the mental and physical development of a person, and not to harm humanity.

### **Conclusions**

Present-day scientific advances have made it possible to use somatic cell gene therapy for the treatment of serious human genetic disease.

Gene therapy is enormously important for curing some diseases, otherwise untreatable. The technical ability to perform germline gene alteration is also under way. Society must determine its attitude toward germline alteration and toward intervention for the purpose of genetic enhancement. Eugenic genetics is purely theoretical at present and is likely to remain so for a long time. Articles in the press, sometimes influenced by specific pressure groups, generate public fear that is in most cases unfounded, due to the lack of feasibility of performing the claims voiced in them. Still, society must be concerned about the possibility that gene therapy will be misused in the future.

Gene therapy should only be used in ways that maintain human dignity. The best insurance against misuse is a public well informed and not unnecessarily frightened. With proper safeguards imposed by society, gene therapy can be ethically used.

### **Source:-**

<https://www.thecollector.com/pros-and-cons-genetic-engineering/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3454796/>

**By – GARGEE SINGH**

Class – SEIT

Roll No. - 2320

“Our task, regarding creativity, is to help children climb their own mountains, as high as possible. No one can do more.”





## The global implications of human identity chips



We are in a period of rapid technological advancement, with innovations popping up left and right. One such involves the introduction of human identity chips – a tiny device implanted in people’s bodies to store information about them and their activities. While the technology has benefits, particularly for medical purposes, global implications must be considered before further development takes place. In this article, we will explore the potential effects human identity chips could have on society and examine how they could shape our lives in the future.

Human identity chips are tiny devices implanted under the skin and store information such as a person’s name, birthday, Social Security number, and DNA data. They are also sometimes called RFID (radio frequency identification) tags. The chips can be read by scanners from up to several feet away, making them useful for tracking people in large crowds or disaster areas. Human identity chips are controversial, with some arguing that they violate privacy and could be used for nefarious purposes, such as controlling people or tracking their every move. Others argue that the chips could be helpful in emergencies (offering all-time access to important records on the go) or for keeping track of people with Alzheimer’s disease or other conditions that cause them to wander off.

What do you think about human identity chips? Do you believe they are a violation of privacy, or do you think they could be helpful in certain situations? As the world becomes increasingly digital, it’s only natural that we will start integrating technology into our bodies. And that’s exactly what’s happening with human identity chips. These tiny devices are implanted under the skin and can be used to store all sorts of information about their owner, from medical records to financial data. They will enable us to buy in large stores, and around the world, without the necessity of carrying cards because these devices will provide transaction settlement details on the go.

While some people see this as a convenient way to keep track of important information, others worry about the implications of having technology so close to our bodies. For one thing, there’s the potential for abuse. If these chips fell into the wrong hands, someone could use them to track our every move or even control our behavior. There’s also the question of whether we really want to become reliant on technology in this way. Once we start down this road, where will it end? Will we eventually have all sorts of devices implanted in our bodies, turning us into cybernetic beings? Or will we reach a point where we can no longer function without these devices? These are just some of the questions that need to be considered as human identity chips become more prevalent. We must think carefully about the implications of this technology before taking the plunge.

Furthermore, there are a few key things to consider when it comes to the global implications of human identity chips. First and foremost, these chips have the potential to make it easier for people to track and monitor one another. This could lead to more control and surveillance by governments and other institutions, which could have a negative impact on civil liberties. Additionally, human identity

“Paint is only wasted when it stays in the tube.”

chips could increase the risk of identity theft, fraud, and privacy breaches, as cybercriminals continue to spot and thread the loopholes. Finally, it's worth considering how these chips affect different groups of people around the world. For example, they could be used to discriminate against certain groups or create new divides between those who have them and those who don't.

Besides, the idea of human identity chips has been around for a while and has been gaining traction recently. There are many benefits to having an identity chip, such as quickly and easily identifying people, tracking people's movements, and reducing crime. However, there are also some potential drawbacks to human identity chips, such as the potential for abuse by governments and corporations, the invasion of privacy, and the risk of cyber attacks. This will necessitate more focus on security upgrades through biometric channels like voice, iris, fingerprint, and more.

In addition to the afore, there are a few ways to get a human identity chip. The first is to have it implanted by a medical professional. This is the most common method, and it is generally considered to be safe. The second way is to do it yourself, though this is not recommended as it can be dangerous. Finally, you can buy them online, though this is also not recommended as many scams exist.

To get a human identity chip implanted, you first need to find a medical professional that offers the service. There are a few different types of chips available, so you will need to ensure that the doctor you choose offers the type you want. Once you have found a doctor, they will usually consult you to discuss the procedure and ensure you are healthy enough for its installation. After the consultation, they will implant the chip into your body using a needle. The whole process takes less than an hour and is generally painless.

If you decide to do it yourself, there are a few

things you need to know. First of all, it is very important that you sterilize all of your equipment before use. Second, you need to find the right spot on your body for the implantation. It is generally recommended that you put it in your upper arm, as this will make it easier to hide if necessary. Once you have found the spot, use a needle and insert the chip under your skin.

The future of technology is under the human skin. In the coming years, we will see a rise in the use of biometrics and other forms of identity verification that can be done without the need for physical documents. This means that our skin will become the new form of ID with almost no limits across different countries.

There are already many companies working on developing this technology. One such company is Nymi, which has developed a wristband that uses your unique electrocardiogram (ECG) to verify your identity. This wristband is currently being trialed by a number of large organizations, including banks and airports.

In conclusion, human identity chips have the potential to revolutionize the way we identify ourselves globally, with a wide range of implications. These chips can be used for verification and authentication purposes and securely store personal data such as medical records or financial information. While some security and privacy concerns must be addressed, this technology could help make identification processes more efficient and secure, while providing greater access to healthcare or banking across the world. Ultimately, it is up to us to decide how far we want to take this technology and what risks come along with it.

Source- <https://www.thecable.ng/the-global-implications-of-human-identity-chips/amp>

Name- **Gargee Singh**

Class- SEIT

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"Creativity is contagious. Pass it on. – Albert Einstein





## Article On ChatGPT

ChatGPT is an innovative artificial intelligence (AI) language model developed by OpenAI, one of the leading AI research organizations in the world. It is an advanced deep learning system designed to understand, analyze and generate human-like language, making it one of the most powerful conversational AI tools available today.

The development of ChatGPT began in 2018 with the release of the first version, GPT-1, followed by GPT-2 in 2019 and GPT-3 in 2020. Each subsequent release has been an improvement on the previous one, with GPT-3 being the most advanced and widely used version to date. It has been trained on a massive dataset of over 45 terabytes of text, enabling it to understand and generate human-like language in a wide range of contexts.

ChatGPT works by using a technique called deep learning, which involves training a neural network to learn from vast amounts of data. The neural network used in ChatGPT is composed of multiple layers of artificial neurons that work together to understand the structure and patterns in language. The model is trained on a large corpus of text data, which it uses to learn the patterns and relationships between words and phrases.

One of the key features of ChatGPT is its ability to generate coherent and contextually appropriate responses to open-ended questions or prompts. This is achieved through a process known as language modeling, where the model predicts the likelihood of a given sequence of words based on the patterns it has learned from the training data. The model is capable of generating responses that are fluent, coherent and relevant to the input it receives.

ChatGPT has numerous applications in various industries, including customer service, education, healthcare, and entertainment. It can be used in chatbots and virtual assistants to provide personalized and responsive customer support. It can also be used in language translation, content creation, and social media analysis.

However, as with all AI technologies, there are some concerns about the potential risks and ethical implications of using ChatGPT. One of the primary concerns is the potential for bias in the data used to

train the model, which could result in biased responses or perpetuate harmful stereotypes.

There is also a risk of malicious actors using the technology to spread misinformation or engage in harmful behaviors.

To address these concerns, Open AI has implemented several measures to ensure the responsible use of Chat GPT. For example, they have restricted access to the most advanced versions of the model and implemented guidelines for ethical use. They have also released tools and resources to help researchers and developers mitigate the risks associated with using the technology. In conclusion, Chat GPT is a powerful and innovative AI language model that has the potential to revolutionize the way we communicate and interact with technology. Its advanced capabilities in natural language processing and generation have numerous practical applications across a range of industries. However, it is important to use this technology responsibly and with consideration of the potential risks and ethical implications.



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**Saeed Jamdade**  
TE - Comp

"A good idea becomes a great idea when you let it out."

## CYBERSECURITY



Cybersecurity is the protection of internet-connected systems such as hardware, software and data from cyberthreats. The practice is used by individuals and enterprises to protect against unauthorized access to data centers and other computerized systems.

A strong cybersecurity strategy can provide a good security posture against malicious attacks designed to access, alter, delete, destroy or extort an organization's or user's systems and sensitive data. Cybersecurity is also instrumental in preventing attacks that aim to disable or disrupt a system's or device's operations.

NAME:- **KHUSHBOO R BEDWAL**  
BRANCH :-COMPUTER



Father: Why did you get such a low score in that exam?

Son: Absence!

Father: You were absent on the day of the exam?

Son: No but the boy who sits next to me was!

## TOWARD THE FUTURE OF AI/ TOWARDS AI

AI is constantly changing our world. Here are just a few ways AI will influence our lives.

Indeed, artificial intelligence is shaping the future of humanity across nearly every industry. It is already the main driver of emerging technologies like big data, robotics and IoT — not to mention generative AI, with tools like ChatGPT and AI art producers gathering mainstream attention — and it will continue to act as a technological innovator for the imaginable future.

A new report by Grand View Research projects that the global artificial intelligence market will reach USD 390.9 billion by 2025. According to the forecast, the market will grow at a CAGR of 46.2% by the year 2025. Integrating artificial intelligence across various applications is a significant market driver.

The development of voice and image recognition contributes to the worldwide market's growth as they represent the most common applications of AI in our daily lives, being used in a variety of devices and for many purposes. Also, robotics, drones, and self-driving cars all need better image recognition technology.

### AI and Healthcare

India is 17.7% of the world's population that makes it the second-largest country in terms of China's population. Health care facilities are not available to all individuals living in the country. It is because of the lack of good doctors, not having good infrastructure, etc. Still, there are people who couldn't reach to doctors/ hospitals. AI has the ability to provide the facility to detect disease based on symptoms; even if you don't go to the doctor, AI would read the data from Fitness band/medical history of an individual to

"Love of beauty is taste. The creation of beauty is art." – Ralph Waldo Emerson



analyze the pattern and suggest proper medication and even deliver it on one's fingertips just through cell-phone.

As mentioned earlier Google's deep mind has already beaten doctors in detecting fatal diseases like breast cancer. It's not far away when AI will be detecting common disease as well as providing proper suggestions for medication. The consequences of this could be: no need for doctors in the long term result in JOB reduction.

### AI in Education

The development of a country depends on the quality of education youth is getting. Right now, we can see there are lots of courses available on AI. But in the future AI is going to transform the classical way of education. Now the world doesn't need skilled labourers for manufacturing industries, which is mostly replaced by robots and automation. The education system could be quite effective and can be according to the individual's personality and ability. It would give chance brighter students to shine and to imbecile a better way to cop up.

Right Education can enhance the power of individuals/nations; on the other hand, misuse of the same could lead to devastating results

### AI in Finance

Quantification of growth for any country is directly related to its economic and financial condition. As AI has enormous scope in almost every field, it has great potential to boost individuals' economic health and a nation. Nowadays, the AI algorithm is being used in managing equity funds.

An AI system could take a lot number of parameters while figuring out the best way to manage funds. It would perform better than a human manager. AI-driven strategies in the field of finance are going to change the classical way of trading and investing. It could be devastating for some fund managing firms who cannot afford such facilities and could affect business on a

large scale, as the decision would be quick and abrupt. The competition would be tough and on edge all the time.

### AI in MILITARY AND CYBERSECURITY

AI-assisted Military technologies have built autonomous weapon systems, which won't need humans at all hence building the safest way to enhance the security of a nation. We could see robot Military in the near future, which is as intelligent as a soldier/ commando and will be able to perform some tasks.

### Conclusion

Artificial Intelligence assisted systems could improve the quality of our lives to a great extent, as we have discussed in the article the wide opportunity available for Artificial intelligence-assisted systems. On the one hand, It is boon for society if used in enhancement or could be a curse if it reaches wrong hands. We have discussed the future of AI in fields of Finance, HealthCare, Education and Military applications, where it could affect both the ways either positive or negative.



**Bhargavi Joshi**

SE-IT

"A little progress each day adds up to big results."

## BRAINSTORMING



Brainstorming is a method of generating ideas and sharing knowledge to solve a particular commercial or technical problem, in which participants are encouraged to think without interruption. Brainstorming is a group activity where each participant shares their ideas as soon as they come to mind. At the conclusion of the session, ideas are categorised and ranked for follow-on action.

When planning a brainstorming session it is important to define clearly the topic to be addressed. A topic which is too specific can constrict thinking, while an ill defined topic will not generate enough directly applicable ideas. The composition of the brainstorming group is important too. It should include people linked directly with the subject as well as those who can contribute novel and unexpected ideas. It can comprise staff from inside or outside the organisation.

To ensure a productive session and one to which all present contribute, there are several brainstorming 'rules' -

- Encourage novel and innovative ideas, however odd they may first appear
- The quantity of ideas is more important than quality, so while ideas are shared with the group they are not discussed or criticised in detail; this is reserved for a later stage

- Build on the ideas put forward by others
- Every person and every idea has equal worth
- Each idea generated belongs to the group rather than the individual who thought of it

A brainstorming session is led by a facilitator who introduces the topic and the above 'rules'. The group then begins to generate and share ideas. These are recorded on white-boards, flip-charts, Post-it® notes, etc. This section of the meeting usually lasts no longer than thirty or forty minutes. The ideas are then categorised and ranked by the group. Follow-up actions are agreed and the meeting closes.

Subsequently, the ideas should be captured more formally and circulated to the group for review. Electronic mind-maps are particularly useful here as they aid visualisation of how the ideas interrelate. Once categorised and mapped, the ideas are more easily evaluated and prioritised for action.

**Shreya Kulkarni**

SE-EnTC



“Curiosity about life in all of its aspects, I think, is still the secret of great creative people” – Leo Burnett



## Why having women in technology is crucial for developing a diverse and inventive digital future



“Innovation comes from diversity. When you have different perspectives, you have a different way of looking at the world, and that can only be positive for the tech industry.” - Megan Smith, a former CTO of the United States.

The participation of women in leadership and decision-making is essential for ensuring that all voices are heard and are represented because they make up half of the world’s population and contribute diverse experiences and viewpoints. Gender diversity in technology is crucial for economic success as well as social justice. According to research, diversified workplaces perform better than those with a homogeneous staff.

Diversity in the tech industry is therefore crucial for innovation and global competitiveness.

As a woman who has worked in tech for over two decades, I have seen advancements in the representation of women in the industry. Positive improvements are cause for celebration, such as the fact that 34% of Indian IT workers are women, the majority of whom are under 30. Also, India is getting closer to having a 50:50 gender split among STEM graduates.

**However, there is still more to be done.**

- More than 20% of women over the age of 35 are still in junior positions. –Hacker Rank
- Women leave the tech industry at a 45% higher rate than men. – Forbes
- 28% of women leaving tech jobs cite a lack of career growth opportunities as a reason. – McKinsey, Lean In
- A 2018 survey of 175 European companies raising venture capital found that only one had a female chief technology officer. – Atomico Challenges for Women in Tech

Notwithstanding the advantages of gender diversity, there are still major obstacles for women seeking careers in technology. Some difficulties include:

- **Gender Bias and Stereotypes**

Many women report experiencing pressure to do better or challenge preconceptions and prejudices. Even if they possess the same level of technical proficiency, women may be perceived as less competent than males in this regard.

Tech companies can develop awareness campaigns and train employees to recognise and address gender bias and stereotypes. In order to remove gender prejudice, gender-neutral terminology might be used in job descriptions and performance evaluations.

- **Lack of Female Role Models and Mentors**

Without strong female role models, women could feel as though they don’t belong in technology or that their goals are unattainable. Furthermore, female mentors can offer important perspectives and counsel to assist women in overcoming the difficulties of working in the tech industry.

Companies can encourage female

“Do something creative every day.”

executives to mentor and guide other female employees. Women can also create their own networks and support groups, which open up potential for peer-to-peer learning and mentorship.

- **Limited Networking Opportunities**

Women may have little networking chances in the tech sector, despite networking being essential for career advancement. It might be difficult for women to network with colleagues and business leaders at tech conferences and events because they are frequently predominately male.

It's encouraging to see how conferences and events have opened their doors to more women in recent years, whether as speakers, attendees, or sponsors. Also, tech companies can develop more online networking opportunities for connecting women in the sector, including online forums or social media groups.

- **Work-Life Balance**

Long hours and a rigorous workload are common in the tech sector, making it difficult for women to juggle work and family obligations. Women may feel as though they must choose between their careers and personal lives, which can result in burnout and a stagnant career.

To help women combine their professions and personal obligations, IT businesses can offer flexible work arrangements, such as remote work or flexible hours. In addition, granting parental leave or childcare assistance can assist women in juggling their obligations to their families and their jobs.

- **Impostor Syndrome**

Women in the tech industry frequently experience impostor syndrome because they may think they don't belong or aren't good enough. This can be made worse by

gender bias and preconceptions in the field, which can cause low self-esteem and self-doubt.

Companies may help women overcome self-doubt and develop self-confidence by offering training and assistance. These can include opportunities for coaching, mentorship, and professional growth.

Additionally, celebrating the accomplishments of notable women in the field might help reduce feelings of impostor syndrome. Having equal participation of men and women across all departments is not enough to achieve gender equality in the technology sector. Instead, empowering women in tech to make their own career decisions, earn equal compensation regardless of their gender, colour, or sexual orientation, and have equal opportunity for professional development inside their companies should be the goal of gender equality.

We can promote a more inclusive and diverse workplace that values all voices and perspectives by advocating for change, battling gender stereotypes and biases, developing inclusive hiring practices, encouraging STEM education for girls and young women, cultivating a culture that values and supports diversity, and offering opportunities for women to advance and thrive in careers.

**Source:**

<https://timesofindia.indiatimes.com/blogs/voices/why-having-women-in-technology-is-crucial-for-developing-a-diverse-and-inventive-digital-future/>

**By- SHREYA DHADSE (SEIT)**

"When you are stuck, walk away from the computer and draw. It will teach you how to see." – Gerard Huerta





## Technology driven by women: An Indian Scenario

Union Finance Minister, Nirmala Sitharaman in her Budget Speech 2022-23 said, “Nari Shakti is the harbinger of India's bright future.”

India's history is filled with examples of women scientist' who have held top positions in institutions, many of whom have also won Nobel Prizes; led NASA; innovated, and led cutting-edge technologies. One such example is that of Dr Tessy Thomas, also known as "The Missile Woman of India", who is a prominent scientist of the Defence Research and Development Organization (DRDO). Breaking barriers in the field, Dr Tessy designed the navigation scheme for the long-range missile systems, which are used in all Agni missiles. She received the Agni Self reliance Award for Self-Help and has received several scholarships and honorary doctorates over the years.

Other notable female leaders include Ritu Karidhar—the Rocket woman of India—who was the Director of the Chandrayaan-2 mission and was feted for her role in heading one of India's most ambitious lunar projects. Mangala Mani—the Polar women of ISRO—was ISRO's first woman scientist to have spend more than a year in Antarctica. Chandrima Shaha—first female President of Indian National Academy of Sciences (INSA)—who has received numerous awards like the Shakuntala Amirchand Award of ICMR (1992), and the Special Award for 50th Anniversary of DNA Double Helix Discovery (2003) for “significant contributions towards the understanding of Cell Death Processes in different Model Organisms”.

India thus, clearly has a rich pool of talented women who have and continue to enormously contribute towards the growth of science and technology. From space to vaccines, Indian women are breaking stereotypes in the scientific community, paving the path for others to follow. In 2022, Energy researcher Nallathamby Kalaiselvi in fact, became the first woman

director of the Council of Scientific and Industrial Research, breaking the proverbial glass ceiling on the 80-year-old research council. Today, of the 5 million professionals in the IT sector in India, about 36% are women.

Women's participation in research and development sectors has therefore, been increasing year by year and the number of female science leaders has also been growing, expanding by 4 per cent from 2018 to 2019. Besides, the face of women's involvement in the field of STEM has also been slowly changing with more and more female students engaging in science, technology, engineering and mathematics sectors. For instance, during the Atal Innovation Mission's flagship innovation challenge – ATL Marathon 2021—women's participation stood at almost 49%.

And one of the reasons, which has helped in bringing about this change is the provision of the growing government funding and implementation of programs that have significantly encouraged women's participation in these fields. Indian government's policy intervention, especially in the field of academia has made it possible for many women scientists to advance.

For instance, the Department of Science and Technology (DST) launched "GATI" Gender Advancement for Transforming Institutions in the year 2020, which seeks to promote gender equality in STEM. The objective of the programme is to make institutions of higher education and research more diverse, inclusive and create an enabling environment for equal participation of women in STEMM disciplines at all levels.

In addition, schemes like ‘Women Scientists Scheme-A (WOS-A)’ have further provided a platform to women scientists and technologists for pursuing research in basic or applied sciences in frontier areas of science and engineering. This scheme has in fact, been instrumental for training as well as the retention of women within the

system. The scheme offers an opportunity to open new avenues for permanent position in Science & Technology for bench-level scientists.

Similarly, in 2014, DST restructured all programs specifically for women under a name called "KIRAN" (Knowledge Involvement in Research Advancement through Nurturing) in order to address various issues related to female scientists including unemployment, resettlement, etc. The scheme also provides opportunities to women in research technology development/demonstration, self employment, etc. Besides this, KIRAN has been actively involved in taking proactive measures under the name CURIE (Consolidation of University Research for Innovation and Excellence in Women's Universities) launched in 2009 to develop modern infrastructure in women's colleges to attract, train and retain promising female students of science and technology.

Women's contributions to the field of science in fact, begin at the university level where they enroll in these courses or programs and then invest this knowledge in the field. To compensate for the social barriers that prevent girls from participating in IITs, including limited opportunities to attend training courses, less flexibility in choosing branches and locations, etc., government of India introduced supernumerary seats for women at IITs in 2018. As per the Union Minister of State for Education, ever since then, IITs have reported a 20 per cent increase in female student enrollment for the year 2021-22, which is up from 8 per cent in 2016. The enrollment rate of girls in NITs, on the other hand has increased to nearly 22.1 per cent in 2021-22.

In 2022, training in Intellectual Property Rights (IPRs) was provided to 99 women scientists and research infrastructure support under the CURIE programme was extended to 25 women post graduate colleges. Additionally, the 'SERB-POWER mobility grant' provided an

opportunity to women scientists to visit leading institutions/universities across the globe for a period of one to three months.

### Conclusion

The Indian government has made various significant efforts to support women empowerment by enacting programmes and laws that raise the status of women in society. Additionally, to encourage women, enabling provisions have been incorporated in the recently enacted Labour Codes viz. 'the Code on Wages, 2019', 'the Industrial Relations Code, 2020', 'the Occupational Safety, Health and Working Conditions Code, 2020' and 'the Code on Social Security, 2020' for creating congenial work environment for women workers.

As a result of these initiatives, there remains no doubt that women in India will continue to break barriers, passing on positive values, education, knowledge, and experiences to the next generation, thereby, contributing immensely towards the overall development of the Indian society as well as the country. This International Women's Day let us join hands to empower more women to chase their dreams and break free from the restraints of society.

### SOURCE:

<https://www.investindia.gov.in/team-india-blogs/technology-driven-women-indian-scenario>

By- **SHREYA DHADSE** (SEIT)



"You were born an original. Don't die a copy."



## Robotic ARM

In its collapsed form, this robot arm looks like a tiny concertina, an accordion-like musical instrument that can expand and fold into itself. Unlike a concertina, this arm cannot make melodies, but what it can do is unfurl and undulate in delicate—and potentially useful—ways.

This design, described in detail in a new study out Monday in the journal PNAS, is inspired by the octopus arm, and mimics how it stretches, twists, and manipulates objects. Its creators hope that it can be integrated in biomedical applications, where it can assist in minimally invasive procedures or operations, like inserting a breathing tube from the mouth into the windpipes or inserting a catheter.

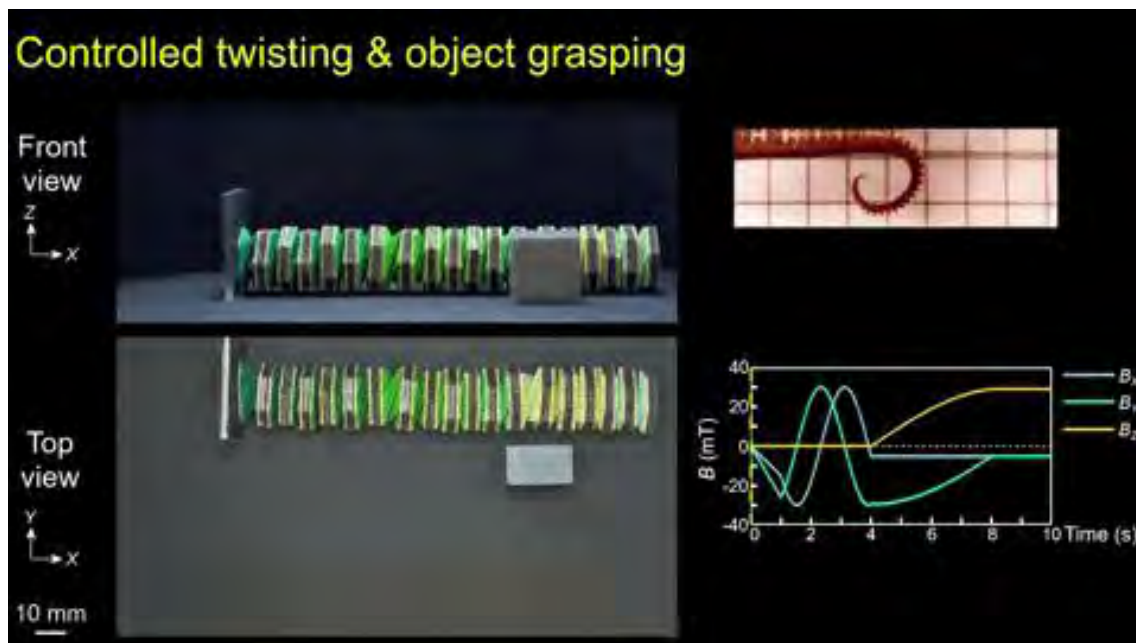
“With the octopus, its nervous system is actually located in its arms. What we’re doing here is mimicking a highly intelligent arm system,” says Ruike Renee Zhao, an assistant professor of mechanical engineering at Stanford University, and an author on the new paper. “Because its arm is so versatile it could have hundreds, thousands of different motions to interact with objects.”

The new robotic arm owes its flexibility to a few key features, including movements powered by a magnetic field rather than motors, origami-inspired panels, and a soft exoskeleton.

A string of tiny segments comprise a single arm. Within each segment, two hexagonal soft silicon plates embedded with magnetic particles sandwich tilted plastic panels designed with a kresling origami pattern, a style of origami that twists to lengthen and contract. The shape of the panels enable the arm to either extend into a tube, or shrink into its compressed configuration.

This robotic arm can move and grasp like the arms of an octopus. Ruike Renee Zhao/PNAS Because of the magnetized plates throughout the robotic arm, it can be remotely operated using a strong magnetic field, kind of like ones created inside an MRI scanner. During the testing stages, researchers used electromagnetic coils to create a three-dimensional magnetic field around the arm.

By adjusting the direction of the magnetic field around the arm, they could create torque to drive the motion and deformation of the individual origami units. The design also allowed



“If you want creative workers, give them enough time to play.”—John Cleese

researchers to control each segment of the arm independently to fine-tune the movements.

“Through controlling the external magnetic field, it can have the stretching behavior, bending behavior, and the combination of stretch and bending,” Zhao says. “We could control the point where it starts to bend.”

It’s possible to customize everything in the arm from the strength of magnetization, to size, to the materials that it’s made of, to how many units it’s composed of.

In a conventional robotic arm, engineers need to program a driving force for each direction (along the x-axis, y-axis, or z-axis) it wants the arm to move in. These forces are usually powered by motors.

This means that for the arm to have a greater range of motions, it would need a lot more motors.

But since Zhao and her team are using magnetic material with an external magnetic actuator—kind of like a remote control—they just need to apply one field to power a wide range of motions in any direction.

“If we think about the conventional robotic

system, for toys for kids or cars, they always have motors directly embedded in the robotics system itself. The disadvantage of that is that you would make the whole system very large because you will need space for the motor and the control unit,” Zhao says.

However, when the robotic actuation is field-controlled, the driving force becomes separate from the robotic arm itself. “That allows us to minimize the size of the whole system.”

In some ways, the octo-arm trades strength for nimbleness; it can still lift objects, but can’t beat a metal arm fitted with joints and pistons. “In the biomedical field, the key is not to lift very heavy weights, the most important point is to accurately control the manipulation of objects,” says Zhao. “In human bodies, we don’t have an iron ball inside, we don’t need to deal with very heavy things. What we need is a clever way to navigate through different passages.”

#### References:

<https://www.popsci.com/technology/octopus-inspired-origami-robotic-arm/>

**Shriya Lakhe**

E-EnTC



*A girl came back home from the school and asked her grandmother, “Granny, what is a lover ?” “A lover!!” the grandmother said. “Let me think. Lov... Lover.... Oh, my God!” She rushed to the wall, pulled aside the hanging rug, revealing a hidden closet door. She unlocked the door, and a skeleton of a young man fell out from the closet.”*

“An essential aspect of creativity is not being afraid to fail.”—Edwin Land





## UX/UI Design: A Technical Skill to Master in 2023

UI/UX Design is one of the latest and most creative skill to master in this present time. It acts as a bridge between client who wants an app or website developed and the developers who develop it. UI/UX Designers design the app with proper research, techniques and advanced tools and make a design that is user friendly and easy to navigate. UX stands for user experience and UI stands for user interface. UX is the head branch and UI is the part of it. There are both UX designers and UI designers, meaning if someone is more interested in artistic approach and little bit of coding, they can choose to be a UI designer. On the other hand, if someone is more interested in research and prototyping they can opt for UX designer. UX Designer is a full package. UI designer cannot be called as a UX designer but UX designer can be called as a UI Designer. UX designer has to master a lot of skills including UI design. The UX designer's role is to make products, services, and technology usable, enjoyable, and accessible for humans. UX designers are responsible for

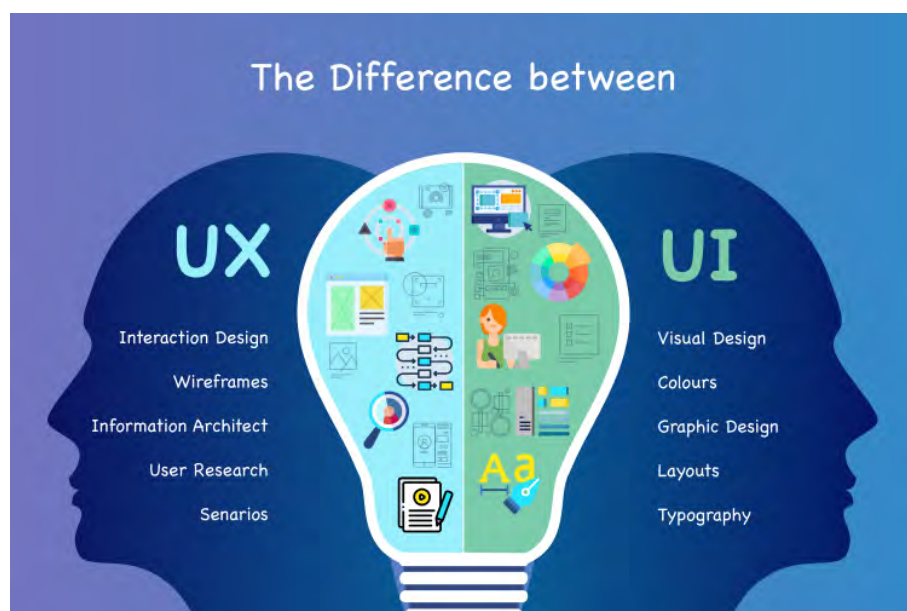
making products, services, and technologies as intuitive and accessible as possible for users. They humanize the product or service by combining market research with product development, strategy, and design. Few qualities that UX designers must have are: empathy, understanding, creativity and simplicity. Their job is to make design user friendly and interactive. There is a booming demand for UX/UI designers and will be increasing in the coming years. This makes UX Design one of the worthiest skills to learn and master. There are various UX design courses in the market that one can opt for. Some top UX Design courses are offered by Coursera, CareerFoundary, Google, LinkedIn learning, Skillshare and Udemy.

### Reference:

<https://careerfoundry.com/en/blog/ux-design/ux-design-course-online/>

**Srushti Halge**

BE 1 E&Tc



“The true sign of intelligence is not knowledge, but imagination.” —Albert Einstein

## A man in a white shirt is seen from behind, interacting with a futuristic digital interface. The interface displays various data visualizations, including line graphs, pie charts, and icons representing people and technology. The background is dark with a cityscape at night, and the overall atmosphere is high-tech and data-driven.

Datafication is a buzzword of the last several years, that is used actively along Big Data industry. Honestly, if you would search the term ‘datafication’ on the internet you probably won’t find that much relative information about it, yet it is a word we are hearing a lot these days. However, after analyzing the topic itself, I could say that many of us understand the meaning of the term, but probably named it another way.

Datafication, according to MayerSchoenberger and Cukier is the transformation of social action into online quantified data, thus allowing for real-time tracking and predictive analysis. Simply said, it is about taking previously invisible process/activity and turning it into data, that can be monitored, tracked, analysed and optimised. Latest technologies we use have enabled lots of new ways of ‘datify’ our daily and basic activities.

Datafication helps businesses improve their

Take data-driven marketing strategies for instance. As one of the most important aspects of digital marketing, this process involves collecting customer insight through various channels such as social media, email and other digital platforms. The information can be used to create personalised campaigns for each client and targeting the right audience persona.

We are talking about building an analytical culture that spreads across all aspects of how business is conducted in the digital age. Both



artificial intelligence and machine learning play an important role in datafication but the first step begins with collecting data from various sources.

Then, AI/ML algorithms will analyse the collected data to get useful information for decision-making. The most important thing is to have a clear vision and mission statement.

### Data in the Cloud

An important thing that must be addressed about digital transformations, especially this step of datafication, is the shift toward cloud computing. Over the last few years, a growing number of companies have begun to shift their infrastructure into the cloud. The market for cloud services has grown from USD \$90.5 billion in 2016 to USD \$408.5 billion in 2021, according to the International Data Corporation (IDC).

So what does this mean? Well, first of all, it means that people can use software as a service (SaaS) or platform as a service (PaaS). And they don't need to buy servers anymore, because these are provided by the provider. They just pay for access to the resources.

And then there is also Infrastructure-as-a-Service (IaaS), which means that you can rent the hardware, but not the operating system. You get a virtual machine with an operating system on top of it so you can run your own applications

### Data Protection

But when you think about it, why do we still see such a high percentage of IT departments running their own servers? After all, they are expensive to buy and maintain. And if you don't have any special requirements, why would you want to pay for something that you could just as easily use in the cloud?

The answer is that most organisations don't really know what they need from IaaS. They

might be looking at it as a way to save money, but there are other reasons too.

For example, some companies may not want to give up management over their data or applications. They also may feel more comfortable with having their own hardware (in this case, something more sophisticated). And this is often a precautionary measure due to the sensitive data many organisations collect, which opens space for investments in confidential computing.. Examples:

And here could be many examples of datafication.

Let's say social platforms, Facebook or Instagram, for example, collect and monitor data information of our friendships to market products and services to us and surveillance services to agencies which in turn changes our behaviour; promotions that we daily see on the socials are also the result of the monitored data. In this model, data is used to redefine how content is created by datafication being used to inform content rather than recommendation systems.

However, there are other industries where datafication process is actively used:

- Insurance: Data used to update risk profile development and business models.
- Banking: Data used to establish trustworthiness and likelihood of a person paying back a loan.
- Human resources: Data used to identify e.g. employees risk-taking profiles.
- Hiring and recruitment: Data used to replace personality tests.
- Social science research: Datafication replaces sampling techniques and restructures the manner in which social science research is performed.

### Netflix Case:

Netflix, an internet streaming media provider, is a bright example of datafication process. It provides services in more than 40 countries and 33 million streaming members. Originally, operations were more physical in nature with its core business in mail order-based disc rental (DVD and Blu-ray). Simply said, the operating model was that the subscriber creates and maintains the queue (an ordered list) of media content that they want to rent (for example, a movie). If you limit the total number of disks, the contents can be stored for a long time, as the subscriber wishes. However, to rent a new disk, the subscriber sends the previous one back to Netflix, which then forwards the next available disk to the subscribers queue. Thus, the business

goal of the disk rental model is to help people fill their turn. The model has changed and now Netflix is actively transforming their service into a smart one, actively using datafication processes.

### Source:

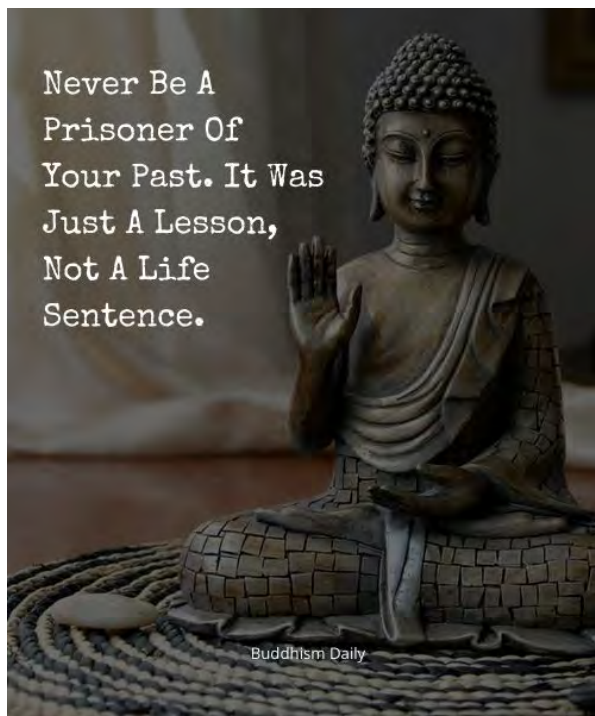
<https://www.airswift.com/blog/datafication>

<https://www.google.com/amp/s/www.datasciencecentral.com/the-concept-of-datafication-definition-amp-examples/amp/>

**Tabassum R Pathan**

Editor-Technical Section

BE EnTC



"Creativity can solve almost any problem. The creative act, the defeat of habit by originality, overcomes everything." —George Lois



## Future Directions of Big Data and Artificial Intelligence in Education

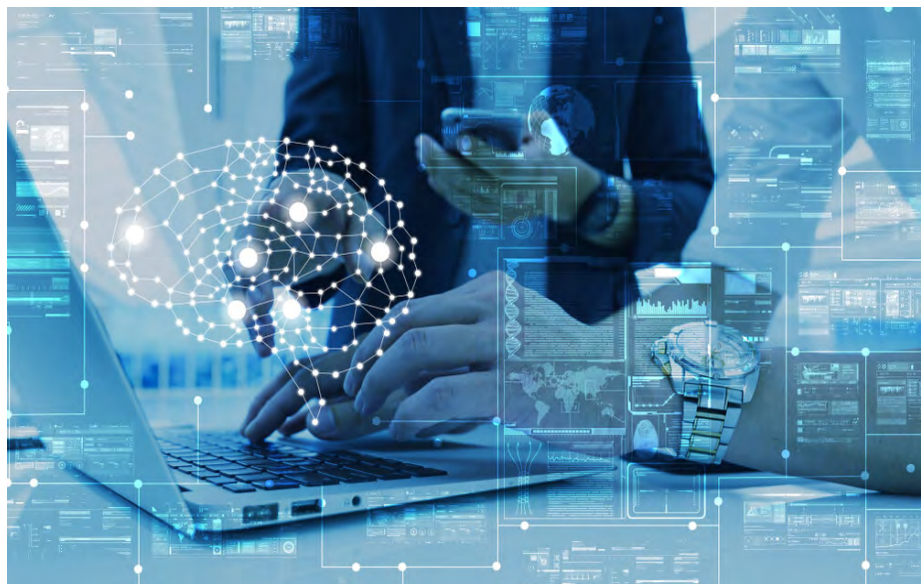
We discuss the new challenges and directions facing the use of big data and artificial intelligence (AI) in education research, policy-making, and industry. In recent years, applications of big data and AI in education have made significant headways. This highlights a novel trend in leading-edge educational research. The convenience and embeddedness of data collection within educational technologies, paired with computational techniques have made the analyses of big data a reality. We are moving beyond proof-of-concept demonstrations and applications of techniques, and are beginning to see substantial adoption in many areas of education.

The key research trends in the domains of big data and AI are associated with assessment, individualized learning, and precision education. Model driven data analytics approaches will grow quickly to guide the development, interpretation, and validation of the algorithms. However, conclusions from educational analytics should, of course, be applied with caution. At the education policy level, the government should be devoted to supporting lifelong learning, offering teacher education programs, and protecting personal data. With regard to the education industry, reciprocal and mutually beneficial relationships should be developed in order to enhance academia-industry collaboration. Furthermore, it is important to make sure that technologies are guided by relevant theoretical frameworks and are empirically tested. Lastly, in this paper we advocate an in-depth dialog

between supporters of “cold” technology and “warm” humanity so that it can lead to greater understanding among teachers and students about how technology, and specifically, the big data explosion and AI revolution can bring new opportunities (and challenges) that can be best leveraged for pedagogical practices and learning.

Rapid advancements in big data and artificial intelligence (AI) technologies have had a profound impact on all areas of human society including the economy, politics, science, and education. Thanks in large part to these developments, we are able to continue many of our social activities under the COVID-19 pandemic. Digital tools, platforms, applications, and the communications among people have generated vast amounts of data (‘big data’) across disparate locations. Big data technologies aim at harnessing the power of extensive data in real-time or otherwise.

**Reference** taken from: [www.frontiersin.org](http://www.frontiersin.org)

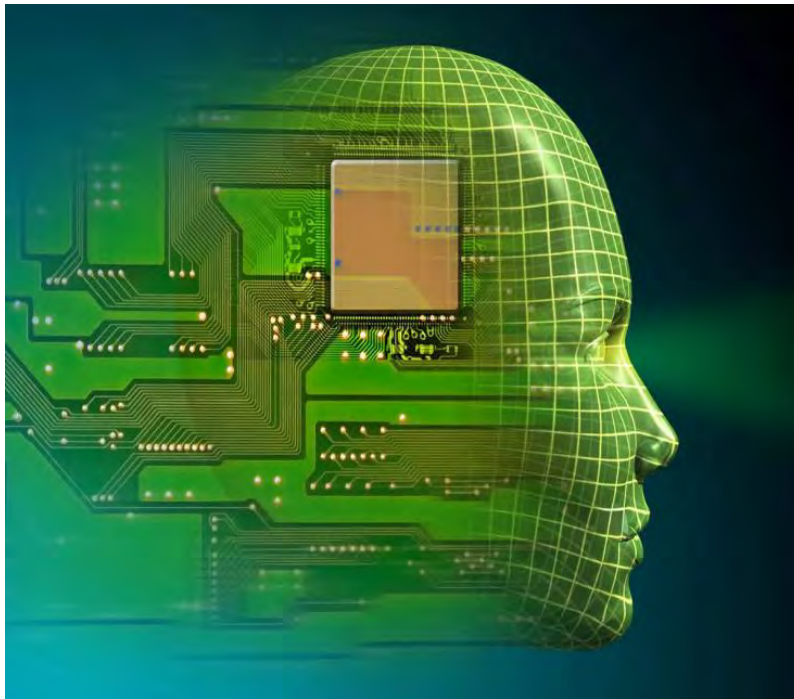


**By – Devanshi Koushal**

SEIT

Your actions and your words should always agree with each other.

## AI could replace 80% of jobs 'in next few years':



"You could probably obsolete maybe 80 percent of jobs that people do, without having an AGI, by my guess. Not with Chat GPT exactly as a product. But with systems of that nature, which are going to follow in the next few years."

Rio de Janeiro: Artificial intelligence could replace 80 percent of human jobs in the coming years -- but that's a good thing, says US-Brazilian researcher Ben Goertzel, a leading AI guru.

"Mathematician, cognitive scientist and famed robot-creator Goertzel, 56, is founder and chief executive of Singularity NET, a research group he launched to create "Artificial General Intelligence," or AGI -- artificial

intelligence with human cognitive abilities.

"With his long hair and leopard-print cowboy hat, Goertzel was in provocateur mode last week at Web Summit in Rio de Janeiro, the world's biggest annual technology conference, where he told AFP in an interview that AGI is just years away and spoke out against recent efforts to curb artificial intelligence research."

**Source:** <https://telecom.economictimes.indiatimes.com/news/internet/ai-could-replace-80-of-jobs-in-next-few-years-expert/100086493> (ettimes.com)

**Prof. Dr. S. M. Jagdale**

EnTC Department

**A dog thinks: My owners feed me, love me, provide me with a nice house, and take good care of me... They must be gods! A cat thinks: My owners feed me, love me, provide me with a nice house and take good care of me... I must be a god!"**

Freedom isn't a destination, it's a state of mind.





## GENOMICS



Genomics is an interdisciplinary field of biology focusing on the structure, function, evolution, mapping, and editing of genomes. A genome is an organism's complete set of DNA, including all of its genes as well as its hierarchical, three-dimensional structural configuration. In contrast to genetics, which refers to the study of individual genes and their roles in inheritance, genomics aims at the collective characterization and quantification of all of an organism's genes, their interrelations and influence on the organism. Genes

may direct the production of proteins with the assistance of enzymes and messenger molecules. In turn, proteins make up body structures such as organs and tissues as well as control chemical reactions and carry signals between cells. Genomics also involves the sequencing and analysis of genomes through uses of high throughput DNA sequencing and bioinformatics to assemble and analyze the function and structure of entire genomes. Advances in genomics have triggered a revolution in discovery-based research and systems biology to facilitate understanding of even the most complex biological systems such as the brain.

The field also includes studies of intragenomic (within the genome) phenomena such as epistasis (effect of one gene on another), pleiotropy (one gene affecting more than one trait), heterosis (hybrid vigour), and other interactions between loci and alleles within the genome.

The human genome interacts with those of a myriad other organisms, including plants, vectors and pathogens. Genomics is considered across all organisms, as relevant to public health in human populations. In addition to genomics knowledge, we also consider technologies that make use of genomics knowledge.

Reference: Wikipedia

By:

**Pranita Patil**

BE-2 EnTC

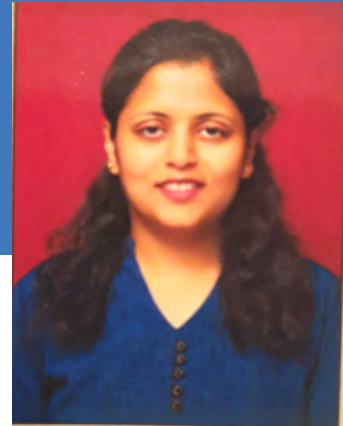
# Tabdili

Where ideas evolve into action.



Youngistaan-Parivartan  
Section





## From the Editor's Desk

Dedicated. Innovative. Smart. Creative. Fearless. Strong. Eager to change the world. Willing to stay up late and awake before dawn to pursue their passion. Those are just a few words describing some people you will meet on the pages.

Managing change is tough, but part of the problem is that there is little agreement on what factors most influence transformation initiatives. Many change management gurus have focused on soft issues like culture, leadership, and motivation. Such elements are important for success, but managing these aspects alone isn't sufficient to implement transformation projects. Soft factors don't directly influence the outcomes of many change programs. Moreover, it isn't easy to change attitudes or relationships; they're deeply ingrained in people. What's missing, we believe, is a focus on the not-so-fashionable aspects of change management: the hard factors.

Nothing is permanent in this world everything and anything invented has to change now and then. Look at you as a person! Are you the same person 5 years back?!! As time changes you evolve as a person. You evolve as a human being. The reason for these changes might be different but to mold yourself according to the situation demand is what is expected. I hope you get the topic of what change means.

I'm very glad to get this opportunity to be the editor of the "TABDILI" section of our annual college magazine "ANITYA". It was definitely a great experience working with my entire team. Working with different personalities and their view helped me to change my own perspective towards things. I would like to thank my team for all their efforts and hard work.

I would like to extend gratitude to everyone who has contributed to this magazine and special thanks to our teachers who have always supported us in all our endeavors.

As my team and I pulled together the articles and images, we couldn't stop talking about them. "Wow, look at these people!"

"No, look what this one has done!"

I hope you guys feel the same way we do.

I am thankful to Prof.S.A.Itkarkar, Prof.A.P.Kadam,co-ordinators and the entire team for the opportunity to submit my work. Also I am grateful to all those who shared their amazing ideas for magazine.

**Revati S Gajbhar**  
BE E&TC



From Left to right:  
Prof.S.A.Itkarkar,  
Prof.A.P.Kadam



From left to right: Anushka Chougule, Gauri Jadhao, Ananya Wagh ,Vaishnavi Sandip Patil ,Ishika bhiogade, Mitali Waghmode , Yogeswari Narkhede , Shreya Dhandse, Manasvi Pudal



## STRENGTH OF TODAY'S GENERATION

When we say 'WE THE PEOPLE OF INDIA' that people of India also includes the youth that is today's generation. There are several strengths that can be attributed to today's generation, including:

**Technological savvy:** Today's generation has grown up with technology at their fingertips, making them more tech-savvy than previous generations. They are comfortable with using technology and have a deep understanding of its capabilities.

**Open-mindedness:** Today's generation is more open-minded and accepting of diversity than previous generations. They are more willing to embrace different cultures, lifestyles, and viewpoints, which promotes a more inclusive society.

**Entrepreneurial spirit:** Many young people today are interested in starting their own businesses or pursuing careers in fields that allow them to be creative and innovative. They are willing to take risks and pursue their passions, which can lead to new and exciting developments.

**Social awareness:** Today's generation is more aware of social issues and the impact they have on society. They are passionate about causes such as environmentalism, social justice, and human rights, and are willing to take action to effect positive change.

**Education:** Today's generation has access to more educational resources than any generation before them. The internet has made it possible for people to learn about virtually any topic from anywhere in the world, and many

young people are taking advantage of this to expand their knowledge and skills.

**Acceptance for LGBTIQ+ :** Studies show that the younger generation is generally more accepting and supportive of the LGBTIQ+ community than previous generations. They are more likely to support equal rights and opportunities for LGBTIQ+ individuals and believe that everyone should have the freedom to express their sexual orientation or gender identity without discrimination. This increased acceptance and support for the LGBTIQ+ community can be attributed to a variety of factors, including increased awareness and education about LGBTIQ+ issues, greater representation of LGBTIQ+ individuals in media and entertainment, and changing attitudes towards gender and sexuality. Overall, the younger generation tends to be more inclusive and accepting of diversity in all its forms, including sexual orientation and gender identity.



**FIRDOS MANIYAR**  
( SE COMP)

## Malhar Kalambe – Young founder of “Beach Please”

Malhar Kalambe, a young social worker in our country. He is the originator of “Beach Please” and has won numerous honors.

When Malhar Kalambe returned to Mumbai after a trip to Bali in 2017, the deplorable state of the city’s beaches hit him square in the face; and unlike most of us, who only let out a sigh of disappointment at our country’s state of affairs before moving on with our lives, Malhar felt responsible for the mess and decided to clean it up.

Starting at Dadar beach, where he grew up, he gathered a group of friends and together they picked up the trash and plastic waste left by tourists along the coast. This established the groundwork for Beach Please, a clean-up campaign to rid our waterways of garbage. Thousands of volunteers soon joined Malhar Kalambe, most of whom were college students who were passionate about the cause.

Malhar realized that the cause of Dadar’s garbage was the Mithi river, also known as the Mahim river, which was filled with household and industrial waste after spending many weekends cleaning up the beach, which yielded some significant results. As a result, the clean-up drive’s second phase began, to collect debris and plastic waste from the Mahim river.

The only government assistance Malhar receives is in the form of excavators and vehicles to collect trash from the Municipal Corporation of Greater Mumbai.

Malhar pays for all of the additional supplies

needed for the job, such as gloves, masks, cleaning tools, and other items. Despite suffering financial difficulties during the campaign, the young environmentalist never considered abandoning the idea. The Beach Please effort has so far been able to remove almost 1000 tonnes of trash from the beaches.

The 21-year-old was also recently honored by the United Nations India with the Volunteer For Change award, which honors young people who try to improve their communities’ lives. The teenage activist isn’t content with simply cleaning the beaches. His larger goal is to clean up the seas and continue his environmental activities.



**Reference:** <https://cafe-social.in/malhar-kalambe-young-founder-of-beach-please/>

Collected by-

**Aishwarya Hatkar**

BE E&TC

Talking about our problems is our greatest addiction. Break the habit. Talk about your joys.



## The Only constant in Life is Change

We all face changes every day – whether it is a simple change in the weather, our schedule or expected change of seasons. Change affects us all and we each deal with change differently. This only constant in life, the only thing we can be sure will happen. To expect change has brought me hope during challenging or unexpected life events.

This same thought has also brought fear in situations where the last thing I wanted was change. I've come to realize it's not the circumstances or the changes that dictate how my life will go, but rather how I handle those changes and disruptions. No matter the change we experience, how we embrace that change will forever impact how we are able to live with the change.

What coping strategies do you use to help you manage unexpected life changes? Do you fall back into old patterns of addictive behaviours or do you practice acceptance and other positive recovery coping behaviours?

Acceptance involves action through positive coping strategies such as affirmations, visualization, journaling and mindfulness practice. Another positive approach to change involves reaching out to a supportive network of fellows, a counselor, family and friends. Their insight and perspective may be that change required to push you forward in the right direction.

Remember that changes are a normal part of life, It is also amazing how we each have our own resiliency and ability to recover from, or adjust easily to, change. Practice living life with an attitude of gratitude and embrace change as an opportunity for continuous renewal and growth.

**Reference:-** <https://crossroadsantigua.org/the-only-constant-in-life-is-change-heraclitus/>

**Anushka Chougule**

SE Comp



One who look around is intelligent. One who looks within is wise.

## ACCEPTANCE NOT EXPECTATIONS!

I realized these three words somewhat lately but its worth sharing why these are the three golden words if you want to live a peaceful life. Many times we expect so much in return. That is a natural human behavior but it needs to be changed. As we all know that Change is the law of nature, similarly humans need to change their nature in order to sustain. For example if I give a gift to my friend, I will expect a gift on my birthday in return. Even if we disagree in public, we will agree to it in our own minds. Even we expect people to approach us first! We have developed such a bad attitude of being self oriented that we don't even care about talking with someone.

All the time we spend in socialism, the only thing we do is expecting from friends to behave in a certain way. If he or she behaves in a way which matches my so-called vibe then he or she is my best friend, if not then we don't even take interest in having a small talk. Ask yourself one question: does that person have the same parents like me or is he from the same background as me? Of Course it will not be possible, then how can we expect that person to behave in the way we are? This is the most common mistake we all make while we do. To accept the person as it is takes time, but much more helpful

than having to stay with only the person your vibe matches. You will say that only one best friend is enough, we don't want a crowd. But think about it, does confidence and communication skill improve magically? No, it needs practice and that practice is provided by socialism. The more we meet and greet, the more we know about this world and its way of working.

In the end, all of this benefits our own self development. So, accept the person and situation as it is. It will not change and is never going to change. The only thing we have in our hands is to take maximum advantage of the coming situation and mold ourselves in the best shape the world could ever see!

**By Harshada Garad**

SE Entc



Happiness lies in the joy of achievement and the thrill of efforts.





## Life Style

**LIFESTYLE!** The way you live! Which includes everything the habits, attitudes, tastes, moral standards, economic level, etc., that together constitute the mode of living of an individual or group. It encompasses everything from food we eat to the way we spend our free time. Our lifestyle choices can have a significant impact on our overall health and well-being, both in the short and long term. Poor lifestyle choices such as a lack of exercise, an unhealthy diet can cause a harmful impact on the body. A healthy lifestyle is a way of living that involves making conscious choices that support physical and mental health. This includes maintaining a balanced diet, engaging in regular physical activity, getting enough restful sleep, reducing stress, and avoiding harmful substances such as tobacco and excessive alcohol consumption. Eating a balanced diet is most important aspects of a healthy lifestyle is maintaining a balanced diet. A balanced diet includes all the essential nutrients, such as proteins, carbohydrates, fats, vitamins, and minerals in the right proportions. Consuming a variety of fruits, vegetables, whole grains, lean proteins and healthy fats into your diet. Avoid

processed foods and limit the intake of sugary and fatty foods. Engage in regular physical activity. Aim for at least 30 minutes of moderate-intensity exercise, such as brisk walking or cycling, five times a week. You can also include strength training exercises to build muscle and improve bone density. Get enough restful sleep. At least 7-8 hour sleep per night. Establish a regular sleep schedule and create a sleep conducive environment by reducing noise and light. Reduce stress. Engage in relaxation techniques such as deep breathing, meditation, yoga. Take a breaks when needed and prioritize self-care. Avoid harmful substances. Quit smoking and limit alcohol consumption. Also avoid recreational drug use. Stay hydrated. Drink at least 8 glasses of water per day to maintain good health. Incorporating these habits into your daily routine may take time and effort, but they can improve your physical and mental health in the long run. Small changes can make big difference , and it's never too late to start living a healthy lifestyle.

**Ishika A. Bhiogade**



The way to get started is to quit talking and start doing.

## Evolution

What manner of man thinks this world was created  
By an omnipotent, omniscient, all loving God?  
What manner of man thinks this world not created?  
By an omnipotent, omnipresent, all powerful God?

To think for one moment, we evolved from an Ape,  
That a mouse was once, some elephantine shape,  
And these in their turn, over millions of years,  
Evolved from amoeba, brings me close to tears.

What is the correct order, first chickens or eggs?  
Did they fly or they grope, on half evolved legs,  
Was the first chicken born legless and blind?  
Awaiting evolution to make up its mind.

Wise but ridiculous, foolish blind men,  
You swallow their lies again and again.  
Evolution is theory, not one scrap of fact,  
No hard evidence, by this theory is backed.

Satan is conning men, I do presuppose,  
For out of this theory, his religion arose,  
He blinds humanity, to a true God creation,

Replacing God's work with absurd speculation.

The proton, the atom, and our magnetic force;  
Did they come into being as a matter of course?  
God's creation has precise order and symmetry,  
Woven into all things; from here to infinity.

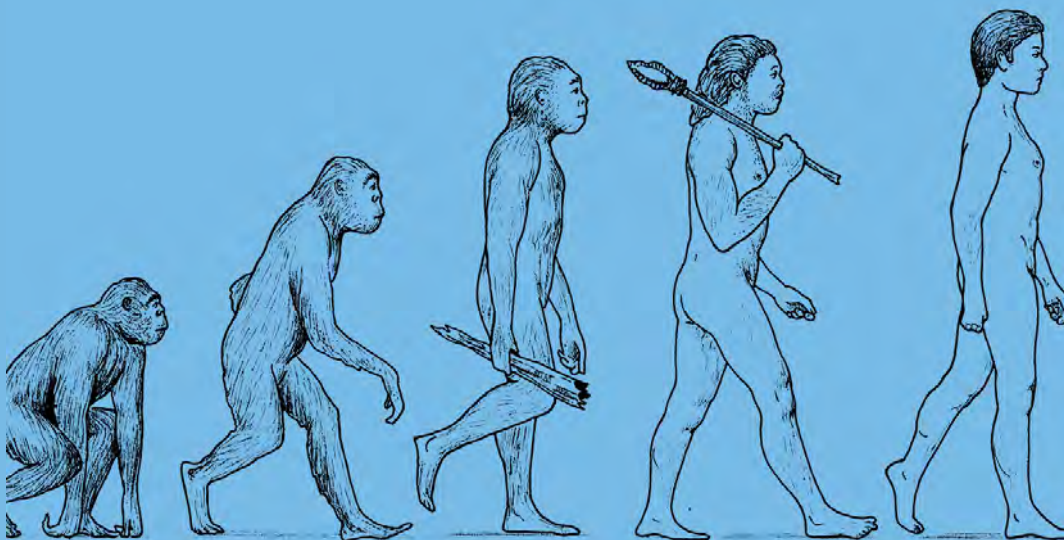
Evolutionists believe we all came by chance,  
One legged people in a two legged dance,  
Slow to develop in some primeval soup;  
Darwinians have flown their proverbial coup!

### Reference :

<https://www.poemhunter.com/poem/evolution-26/>

Collected by

**Jidnyasa Bhoge**  
**BE E&TC**



We may encounter many defeats but we must not be defeated



## Pooja Bishnoi- The Athletic Angel For India

At an age when children run in the playground trying to catch their friends, Pooja Bishnoi, a girl hailing from Jodhpur in Rajasthan has bagged several medals and is a holder of the world record in athletics. Have we ever thought about doing so? Hardly few of us have, but this little girl has been living her dream since childhood and will for sure make our country proud. This didn't happen overnight or in the blink of the eye. It took years of her hard work, dedication, and her coach's constant support and equally hard work to make her what she is today. Her story is an inspiration itself. Pooja Bishnoi, a little girl, hailing from a small village Guda Bishnoiyan in Jodhpur, Rajasthan has been practicing day in and day out for the Olympics. Her coach, Sarwan Budiya, who is also her uncle by relation, works equally hard and trains her for Olympics 2024. Pooja Bishnoi's parents Ashok Bishnoi, a farmer, and Mima Devi, a homemaker are supportive of her dreams and immensely proud of her achievements she made at this little age. Her younger brother Kuldeep, who is 4-years-old has also been training hard for pursuing a career in sports. The journey began when Pooja Bishnoi was asked to run with a few boys by her coach Sarwan Budiya.

Pooja Bishnoi lost the race, and that's when her coach decided to train and the fire in her belly rose. According to her coach, she had run well but could have done better with some more training. Sarwan himself was a sportsperson but due to a severe hamstring injury, he had to give up on sports. Under her coach's training, Pooja successfully defeated the boys this time. He said that the closest boy who was chasing her was 20 meters away. Along with beating boys in the race, she also broke a line of records. One of them is being the first youngest girl in the world to

have six-pack abs. Ever since Pooja started her journey, Pooja Bishnoi has been unstoppable. She wakes up at 3 a.m. every day without fail for training. Her training continues till 7 or 8 in the morning. After the completion of her training, she attends her classes till 2 p.m and takes some rest for some time. She gets ready for her training again from 4 in the evening, which continues till 8. Her schedule hardly has time for any type of social meetings. She maintains a strict diet to complement her fitness, which includes fruits, dry fruits, and proteins, and she sleeps by 10 p.m. As the saying goes, "No good thing comes easy" it

wasn't a cakewalk for her either. As both her parents are farmers, they couldn't afford her training and dietary requirements, but her coach took care of it all. In the year 2017, when Pooja was only 6 years old, she successfully covered 10km in 48 minutes in a marathon that was held in Jodhpur. People were spellbound by her impressive abs at that young age. Things changed when Virat Kohli Foundation came forward to support her training and dietary requirements in 2019 after checking her training videos and prior achievements. That same year, she made it to the Sportygo Tournament in Delhi

and created a world record. Pooja has also received several gold medals in different categories like 3000 meters, 1500 meters, and 800 meters to name a few. When Pooja had initially started, her coach's focus was on fulfilling his unfulfilled dream but after seeing her progress the target is now winning the Olympic gold medal for the country.

Collected by- **Manasvi Pudale** SE IT

Reference- Mad4india



We generate fears while we sit. We overcome them by action.

## Young Journalist Reshma Jain

Meet Vizag-based young journalist Reshma Jain, who has made a difference via constructive journalism. After a personal experience, Jain began her career in journalism by contributing a brief essay to the daily "The Hindu's" "Letters to the Editor" section about the importance of first aid kits in trains.



### RESHMAJAIN EARLY LIFE

This young journalist's path from a timid young girl to a self-assured woman, from a content writer to a young woman journalist, from working in prestigious media outlets to working for social development, has been significant and amazing. Not just because she has distinguished herself in a field dominated by men, but also

because she displayed fortitude and served as an inspiration to the next generation.

We still live in a society where a sizeable portion of people, including women, still hold the opinion that a woman only truly belongs and wants to belong at home. Jain broke the glass of sexism, stereotypes, and social standards since she comes from a culture that has yet to see the potential in every woman.

### RESHMA JAIN : SOWING THE DREAM'S FIRST SEED

When asked why she entered a career that required bravery, Jain responded, "Journalism was not by choice for me; it was by happenstance. I had no idea that journalism was my calling until I graduated. Few people thought I would be able to pursue a career in journalism due to the stigma that is associated with the field. Journalism has always been and still is associated with risk, menace, fear, or danger.

After a personal experience, Jain began her career in journalism by contributing a brief essay to the daily "The Hindu's" "Letters to the Editor" section about the importance of first aid kits in trains. That was the day she made the decision to raise awareness of social concerns and the plight of those in need as her delight had no bounds. "I had confidence in myself, and with my parents' help, I was able to advance. Today, I can confidently state that the words "journalism" connote courage, respect, decency, honour, and social responsibility.

### RESHMAJAIN ACHIEVEMENTS

National prize for UN Information Center's All-India Essay Writing Competition Awarded "Best

You are never too old to set another goal or to dream a new dream.





Young Woman Journalist of Andhra Pradesh" status in 2017 for her outstanding efforts amplifying the voices of others. awarded by the Bharat Prakasan Trust in Vijayawada as the "Best Journalist in Print Media" in the state. received the 2020 "Golden Woman Award-Visakhapatnam." praised and honoured as a youthful, dynamic achiever by numerous institutions including the Vasavi Club, Rotary clubs, Vizag Journalist Forum, and other clubs. Invited to serve as a panel judge at the UNIC-hosted International Women's Day conference as well as other national gatherings like Gitam University, Junior Chamber International, etc.

Jain discussed how the recent changes have affected society, saying, "After telling the tale of a blind guy and the difficulties he has encountered, one of our readers adopted the man's daughter and paid for her education and other costs. The youngster, her parents, and the

entire Socio Story team have all seen a significant change in their lives as a result of this. People all throughout the country enjoyed another story about a female auto driver, and we had people offer assistance to the driver. These are the stories we want to share and change people's lives through.

#### Reference :

<https://www.outlookindia.com/website/story/outlook-spotlight-meet-young-journalist-reshma-jain-from-vizag-who-has-been-making-an-impact-through-constructive-journalism/397063/amp>

Collected by

**Mitali Waghmode**

BE E&TC

**The word "bookkeeper" (along with its associate "bookkeeping") is the only unhyphenated English word with three consecutive double letters. Other such words, like "sweet-toothed", require a hyphen to be readily readable.**



## “DEEPIKA KUMARI- ONE WHO NEVER LOSE HOPE”

For someone who practiced archery with equipment made from bamboo, it's nothing short of astonishing to see her reach the pinnacle of the sport. Deepika Kumari has done just that. With three Olympic appearances and a string of medals in World Cups, Asian championships, the Commonwealth Games, the world championships and the Asian Games, the story of the champion archer from a village called Ram Chatti near Ranchi, Jharkhand, is simply incredible.

Enough for Netflix to capture in a documentary titled *Ladies First*. With her father working as an auto-rickshaw driver, Deepika Kumari grew up watching her parents struggle to make ends meet. However, the wheels of fortune began to turn after she managed to join a state-run archery academy that provided free training facilities and equipment for underprivileged athletes. The rewards soon followed and by the time she was 15, Deepika Kumari made her first big impression on the international stage, marking the prologue to her fairytale rise.

The following year, she bagged two gold medals – one in the women's individual recurve event and the other in the women's recurve team event – at the 2010 Commonwealth Games to strengthen her stature in the sport. Deepika Kumari hit the bullseye for her first Archery World Cup gold medal in individual recurve at Antalya, Turkey in 2012. This arrived on the back of four silver medals in the World Cup at Ogden the preceding year.

Her name travelled far, expectations soared and hit a new high when in the 2012 London Olympics, she entered as the world No. 1. The hype was short-lived as a fever dented her prospects and she was eliminated in the first round.

The early exit at London 2012 hit her hard as the young archer struggled to regain her form for months. She bounced back only at the 2014 Wroclaw Archery World Cup, where Deepika Kumari won a gold in the team event. She rode that momentum at the 2015 world championships, where she finished runners-up.

She even equalled the world record in the women's recurve event in April 2016, just before heading into the Rio Olympics.

However, Deepika Kumari's Olympic dream only fizzled out in the round of 16 in Rio, further prolonging her wait to add an Olympic medal in her already well-adorned medals cabinet.

After an uncharacteristically quiet two years, Deepika Kumari rediscovered her touch at the Archery World Cup at Salt Lake City, USA in 2018. The victory also marked a shift in mentality for the Indian archer who had been working with a mental conditioning coach during her individual gold drought. Deepika Kumari continued her rich form by bagging the bronze at the 2019 Asian championships in the women's and mixed team before the COVID-19 pandemic brought the world to a standstill.

However, the year-long break didn't break the momentum as Deepika returned with another gold at the 2021 World Cup in Guatemala City and followed it up with three more golds at the Paris World Cup ahead of the Tokyo Olympics.

Riding high on her stellar run, Deepika Kumari went to her third straight Olympics and once again, as the world No. 1. At the Tokyo Olympics, she did better than her two previous performances at the Summer Games but fell short in the quarter-final of both individual and mixed team events.

However, Deepika Kumari's disheartening Olympic campaigns do not take away the fact that she is still one of the best archers in the world.

Deepika Kumari has been conferred with the Arjuna Award and the Padma Shri awards. She is married to fellow Indian archer and Olympian Atanu Das.

### Reference:

<https://olympics.com/en/athletes/deepika-kumari>

Collected by **Revati Gajbhar** BE E&TC



You don't have to be great to start, but you have to start to be great.



## 80-20 RULE

~A principle that asserts that 80% of the outcomes (or outputs) come from 20% of all causes (or inputs) for any given event.

80-20 rule is also called as Pareto principle, the law of the vital few or the

principle of factor sparsity. Management consultant Joseph M. Juran developed it after reading the works of Italian sociologist and economist

Vilfredo Pareto on an 80/20 connection. Joseph developed this concept in the context of quality control and improvement.

Pareto observed it in connection with population and wealth. He noticed that 80% of the land in Italy was owned by 20% of the population. However, it is observed that its area of application has been broadened over the years.

Lets have a look at some of the modern businesses and instances to understand this rule better.

- In computer science, Microsoft observed that fixing 20% of the most reported bugs can eliminate 80% of the related errors and crashes in a given system. It has also been estimated by COCOMO that in general, 80% of the software code can be written in 20% of the allocated time and the 80% of the time is taken by the hardest 20% of the code.
- In occupational health and safety, assuming 20% of the hazards account for 80% of the injuries, safety professionals can target only on preventing those 20% hazard at priority. Inversely, if hazards are addressed randomly, it can be observed that a safety professional is most likely to fix 80% of hazard that accounts only the 20% of the injuries.
- Applying this principle in the time management aspect says that 20% of your efforts lead to 80% of the result you produce, conditioned if you put it right. You need to focus to channel your energy into completing that 20% of the task that would attain the best results.
- Surprisingly, you can even use the 80/20 Rule for maintaining a healthy relationship. the

80/20 Rule states that you can only fulfill 80% of your needs through a relationship, whether we talk about love or attention, while the rest 20% you have to give it to yourself. This is because no one can love you as you want or you do to others. People are different in their ways of showing love; only you can love yourself fully and completely.

- The 80/20 Rule says that to solve a problem, spend 80% of the time observing, listening, or researching to form a better understanding, and your efforts will automatically reduce to 20%.
- Majorly in exams, professors apply the 80/20 Rule. They make the question paper only through 20% of the content given to you for learning. It is essential to identify the important concepts and put 80% of the focus on them to yield the best result.

At its core, the 80-20 rule is about identifying an entity's best assets and using them efficiently to create maximum value. However this is just an precept, not a mathematical law.

This rule is sometimes wrongly interpreted as, if 20% of the inputs are

important then 80% don't stay needed. This is a logical fallacy. The 80% can be important, even if the decision is made to prioritize the 20%.

Collected by- **shriya Lakhe**

SE IT

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<https://en.wikipedia.org>

<https://www.investopedia.com>

<https://www.geeksforgeeks.org/80-20-rule-pareto->



A dream doesn't become a reality through magic. It takes sweat, determination and hard work.

## Kavita Shukla: Founder Of FreshGlow

Kavita Shukla is a renowned social entrepreneur and the CEO of The FreshGlow Co. She is also the inventor of FreshPaper, the flagship product of The FreshGlow Co. that has garnered international recognition for its ability to prolong the life of organic food.



The FreshGlow founder started developing her product, FreshPaper, at 12. FreshPaper is a unique wrapping sheet infused with botanicals that helps extend organic food's shelf life. Unfortunately, food decay accounts for 25% of global food production, making FreshPaper an essential tool in the fight against food waste. Kavita has taken up this global issue. Through her invention of FreshPaper, she has provided an intelligent and inventive solution recognized by reputable media outlets such as CNN, The New York Times, and The Economist. FreshPaper's intelligent and inventive approach to food preservation has been embraced by farmers and families worldwide.

### KAVITA SHUKLA EARLY LIFE

Kavita was born in Keil, Germany, but her parents had to relocate to the U.S. when she was young. She was then raised in Elliot City, Howard County, where she demonstrated her entrepreneurial spirit at a young age. Despite showing much promise at an early age, Kavita Shukla- Education was always a non-negotiable aspect. She completed her education in Elliot city before pursuing her Bachelor of Arts degree at Harvard University.

### KAVITA SHUKLA: PLANTING THE SEED OF A DREAM

Kavita's interest in organic food preservation started at the age of 12. While on vacation in India at her grandmother's house, she mistakenly drank tap water supposedly contaminated with harmful substances. Her grandmother instantly handed her a glass of a strange beverage called a 'Herbal Potion', effectively preventing her from getting sick. Upon returning to the U.S., Kavita looked up the potion's ingredients and discovered the antimicrobial properties of Fenugreek seeds mixed in the water her grandmother made her drink. This revelation inspired her to explore the potential



applications of these spices, leading to her inventing a wrapping paper infused with Fenugreek seeds to preserve food products against harmful microbes effectively. The idea later became the foundation of her invention and development of FreshPaper.

Alongside, at just 13 years old, she curated a laboratory equipment protective kit for flasks and tubes containing toxic chemicals, which she trademarked and named 'Smart Lid'. This marked the beginning of her entrepreneurial journey, during which she obtained 4 patents in her name.

### ACHIEVEMENTS OF KAVITA SHUKLA

With her tireless efforts to tap into a global problem, the young and bright Kavita has achieved remarkably over the years to become a food security and preservation pioneer. Her noteworthy achievements started with Kavita being awarded as the youngest woman to win the prestigious INDEX Design to Improve Life Award – the highest honour for design in the world – presented by the Crown Princess of Denmark. She has also received many other international accolades for FreshPaper from humanitarian organizations and has been featured in major business magazines such as Forbes' '30 under 30: Social Entrepreneurs', Time Magazine's '5 Most Innovative Women in Food', Variety's 'Power of Women' and Newsweek's '125 Women of Impact', which have successfully branded her as an iconic and inspirational figure for women in business. She has also been featured in Smithsonian's 'Picturing Women Inventors' exhibition.

Kavita was inducted into the National Gallery of America's Young Inventors, a museum of young American inventors whose ideas promise to impact our society positively. In addition, she has worked with global stores like Walmart and Whole Foods and generated a worldwide outreach for FreshPaper. As of February 2023, Kavita Shukla's net worth stands at approximately USD 25.5 million, a considerable achievement for a young entrepreneur of 30.

### KAVITA AND A PIECE OF PAPER

Kavita's success with FreshPaper has demonstrated that a good idea doesn't need to be trendy to be successful. Her problem-solving approach has made FreshPaper a household item in millions of homes and farms.

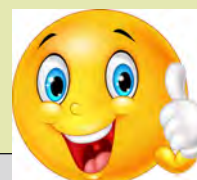
Kavita's journey has inspired many, including women, entrepreneurs, humanitarians, and young people, motivated by her example of using innovative thinking to impact the world positively. At FreshGlow, Kavita works tirelessly towards her vision to reduce food wastage and bring change to the world, one piece of paper at a time.

#### Reference:

<https://www.leaderbiography.com/kavita-shukla-the-food-preservation-pioneer-freshpapers-inventor/>

Collected by **Tejas Takalkar**

BE E&TC



#### Technical jokes

**Q. What is the longest word in the English language?**

**A. "Smiles". Because there is a mile between its first and last letters!**

**Collected by –  
Yogeshwari Narkhede  
SE(ENTC)**





# Rachnatmak

Sustainable thoughts with prosperous goals

**Creative  
Section**





## From the Editor's Desk

It gives me an immense pleasure to be part of our college magazine Anitya. Creative means relating to or involving the use of the imagination or original ideas to create something. Acknowledge this we kept theme 'RACHANATMAK'. It's a great pleasure for me to get an opportunity to work as an editor of Rachanatmak section. It was great experience to work with team members and also sharing amazing ideas of Rachanatmak section with team.

Rachanā (Sanskrit: रचन) means arrangement, preparation, disposition, formation, creation. Nexttime someone displays great creativity, you can call them, "Rachnatmak". When translated to English, rachnatmak would mean the ability to imagine, innovate, and create original ideas and unique results, which are pleasing to the eye, soul, or both.

I am thankful to Prof.K.D.Mahajan, Prof.A.V.Kanade , co-ordinators and entire team for the opportunity to submit my work. Also I am grateful to all those who shared their amazing ideas for magazine .

I'm sure you'll really enjoy reading these

**Rutuja Patil**  
BE 2 EnTC



from Left to right: Prof.K.D.Mahajan, Prof.A.V.Kanade



Standing (L to R): Khushi padhar SE comp, Shreya Sakare SE IT, Rutuja.Patil BE ENTC  
Shriya Lakhe SE IT, Mayuri Salunkhe SE IT  
Sitting (L to R) : Firdos Maniyar SE comp, Sayali Patil BE ENTC, Bhavna Khaire BE ENTC



## MISTAKES SHAPE US

All of us make mistakes. We are not defined by them but rather shaped by them. Many people believe that mistakes are an essential part of the learning process and can shape us into better individuals.

When we make mistakes, we are presented with an opportunity to learn from them and grow as individuals. We can develop problem-solving skills, improve our decision-making abilities, and gain valuable experience that can help us avoid making the same mistakes in the future.

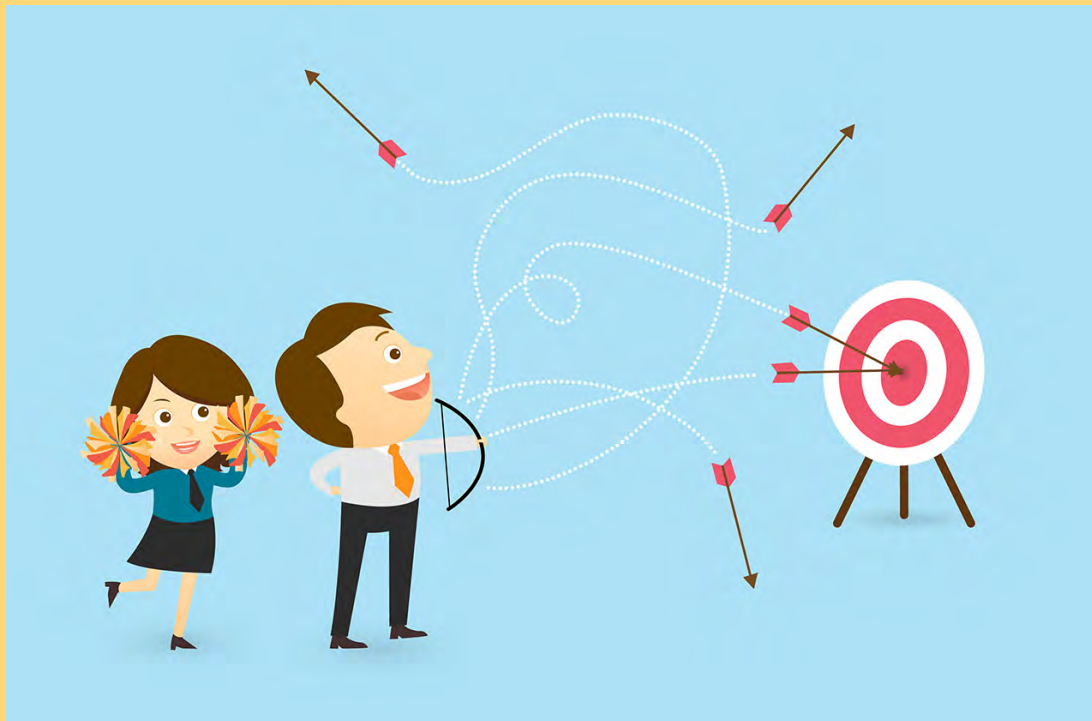
Moreover, making mistakes also helps us to understand ourselves better. We can recognize our weaknesses and limitations, learn how to cope with failure and disappointment, and

develop resilience and adaptability. In some cases, our mistakes can even lead us to discover new passions or interests we would have never explored otherwise.

However, it's important to remember that the lessons we learn from our mistakes depend on how we respond to them. If we dwell on our failures and let them define us, they can have a negative impact on our self-esteem and confidence. Therefore, it's crucial to adopt a growth mindset and approach mistakes as opportunities for growth and development.

**FIRDOS MANIYAR**

(SE COMP)



“Scientists study the world as it is; engineers create the world that has never been.”



## A JOURNEY TO OLDEST CREATIVITY -CAVE PAINTINGS

### BRIEF HISTORY

|April-20-2023|

PAGE 1

Archaeology, cave paintings are a type of parietal art (which category also includes petroglyphs, or engravings), found on the wall or ceilings of caves. The term usually implies prehistoric origin, and the oldest known are more than 40,000 years old (art of the Upper Paleolithic) and found in the caves in the district of Maros (Sulawesi, Indonesia). The oldest are often constructed from hand stencils and simple geometric shapes. More recently, in 2021, cave art of a pig found in Sulawesi, Indonesia, and dated to over 45,500 years ago, has been reported.

The first painted cave acknowledged as being Paleolithic, meaning from the Stone Age, was Altamira in Spain. The art discovered there was deemed by experts to be the work of modern humans (*Homo sapiens*).

Did you know there are more than 10,000 sites around India where you can see ancient murals carved into rock chambers and cave walls? Much like ancient art galleries, they offer a glimpse into the lives of our ancestors. From imposing paintings to intricate rock-cut sculptures, these age-old caves are a treasure trove of ancient stone art. Here are a few of the most popular ones that you must tick off your travel bucketlist.

### Ajanta Caves



Housing ancient monasteries, these incredible caves take you through 30 rock-cut Buddhist cave monuments. The paintings in these caves depict the life and times of Lord Buddha and pictorial tales from Aryasura's Jatakamala. Some are rock-cut sculptures of Buddhist deities. The caves, cut into the face of a mountain, form a horseshoe shape around the Wangorah River. They are an example of one of Indian's unique artistic traditions known as rock cut temples. Ajanta consists of thirty caves, each dedicated to the life of the Buddha.

The caves at Ajanta are excavated out of a vertical cliff above the left bank of the river Waghora in the hills of Ajanta. They are thirty in number, including the unfinished ones, of which five (caves 9, 10, 19, 26 and 29) are chaityagrihas (sanctuary) and the rest, sangharamas or viharas (monastery). The caves are connected with the river by rock-cut staircases. The excavation activity was carried out in two different phases separated by an interval of about four centuries. The first phase coincides with the rule of the Satavahana dynasty from about the 2nd century BCE to the 1st century BCE, while the second phase PAGE 2 corresponds to the Basim branch of the Vakataka dynasty with their Asmaka and Rishika feudatories in the 5th to 6th centuries CE

### Ellora Caves



Theodore von Karman, Hungarian-American mathematician, aerospace engineer, and physicist



Located in Maharashtra's Aurangabad, the Ellora Caves are a UNESCO World Heritage Site. Home to one of the world's largest rock-cut monastery temples, the caves are known for their attractive artwork, which dates back to the period between 600-1000 CE. You will marvel at relief panels drawn from the two Hindu epics, Ramayana and Mahabharata. There are over 100 caves at the site, all excavated from the basalt cliffs in the Charanandri Hills, 34 of which are open to public. These consist of 17 Hindu (caves 13–29), 12 Buddhist (caves 1–12) and 5 Jain (caves 30–34) caves. Each group represents deities and mythologies prevalent in the 1st millennium CE, as well as monasteries of each respective religion. They were built close to one another and illustrate the religious harmony that existed in ancient India.

## Kanheri Caves



One of the earliest examples of excellent rock-cut architecture in the Western Ghats, the Kanheri Caves in Mumbai are a sight to behold. Housing a colossal Buddha statue that dates back to the period between the 5th and 6th centuries, they are believed to have influenced the Elephanta caves.

## Aurangabad Caves

Tucked away in the Sihaychal Ranges, the Aurangabad Caves constitute 12 impressive rock-cut Buddhist caves. These belong to the 6th and 7th



centuries and house remarkable carvings and sculptures, which confirm to the Tantra tradition of Buddhism. These caves are among those in India that show 1st millennium CE Buddhist artwork with goddesses such as Durga, and gods such as Ganesha, although Buddhist caves in other parts of India with these arts are older.

Numerous Buddhist deities of the Tantra tradition are also carved in these caves. The cave temples of Aurangabad carved between the 6th and the 8th century are nine kilometers from Aurangabad city center, a few kilometers from the campus of Dr Babasaheb Ambedkar Marathwada University, Soneri Mahal and the Bibika-Maqbara.

PAGE 3

## Elephanta caves



also known as, Gharapuri (city of caves) are located on the Elephanta Island of Mumbai, Maharashtra. These historic caves contain several ancient Hindu

The most technologically efficient machine that man has ever invented is the book.



temples, paintings, sculptures, carvings, etc. These caves depict Hinduism and Buddhism. These caves consist of five Hindu caves and two Buddhist caves. The paintings here are brightly colored and mostly represent the artist's culture. Cave 1 is also known as the grand cave or the great cave. There are many sculptures here like Ardhanarishvara, Ravananugraha, Yogishvara, and Hindu deities such as Kartikeya, Ganesha, Dvarapala, Lord Shiva, etc.

### **The Importance of cave art and human development**

Cave painting is considered one of the first expressions of the human animal's appreciation of beauty and a representation of a mystic or sacred side to life.

Hundreds of images of animals in vibrant colour and striking poses of action can be seen in the prehistoric art gallery on rocks worldwide. There are many examples in France and Spain.

These cave wall paintings are known as pictographs and are found all over the world alongside petroglyphs (the incised, pecked or cut designs on rock surfaces).

Archaeologists argue that collecting is connected to ritual and that is an indicator of a belief system or religious behaviour. So ritual and religion is an essential mark of modern human behaviour. It has been said that it displays the emergence of the modern mind.

**Firdos Maniyar**

SE-IT



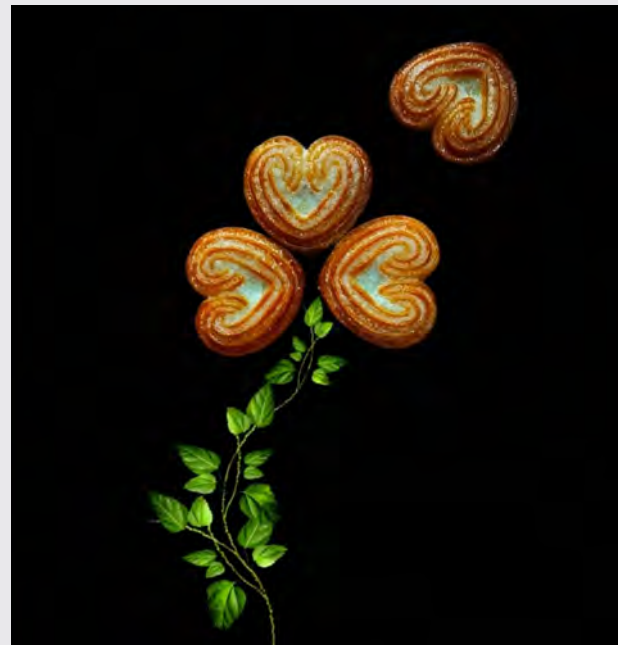
Our technology forces us to live mythically.





We have a saying in the innovation industry: “There’s no such thing as a truly new idea. Ideas are the result of building on the work of others.” We continue to think that to be creative is to have the ability to create new ideas rather than to

<https://www.psychologytoday.com/us/blog/creative-insights/202207/the-reality-creative-mind>



One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man.



# FUN ANIMAL FACTS

Everyone should know



**Sharks** are only able to move forward, and they can die if they swim backward.



**Unicorn** is the official national animal of Scotland.



**Saltwater crocodiles** have the most powerful bite in the world.



A single **ant** can carry 50 times its own body weight.



**Horses** are capable of seeing nearly 360 degrees at one time.



One species of **jellyfish** is immortal. It's name is *Turritopsis dohrnii*.



**Pandas** love to be alone.



Scientists believe that **penguins** have evolved from flying birds.



**Dogs** can detect cancer in their owner's body.



**Platypus** is the only animal that has no stomach.



Male **bees** are unable to feed without assistance from female bees.



**Monkeys** always eat bananas after peeling.

check out more fun facts at [www.shiningbrains.com](http://www.shiningbrains.com)

According to Moore's Law, microchips double in power every 18 to 24 month.



## MUSIC – THE BEST HEALER

Music has the ability to bring us joy and comfort, to motivate us and to help us relax. It has the power to transport us back in time, to calm our worried minds or boost our moods. There really is a song for every emotion.

Science has even backed these benefits of music. Research findings have demonstrated that music supports our physical, mental and emotional health. It can help in regulating our emotions, improving our mood, and enhancing productivity and concentration, and it can even help us sleep better.

Research has proven the link between music and our mood. Listening to your favourite song can cause a release of dopamine into the brain that can help in preventing depression. Try making a playlist of all your favourite songs that you can listen to next time you are feeling down. Try to choose songs that are upbeat and if you can sing-along and dance to them – even better! As singing and dancing encourage the release of endorphins or the ‘happy hormones’. Music has the ability to transport us to the past and can allow us to recall fond memories. This is because listening to the same music repeatedly, creates associations in our brain with the emotions experienced whilst listening to that music. So even when we replay music from years ago, we can immediately reconnect with the emotions and feelings that were being experienced at that time. This is useful when we want to recall positive experiences or memories and relive some of that positivity in the present.

**Sae Jamdade**  
SE Comp

**Dear music:  
Thank you for always  
clearing my head,  
healing my heart, and  
lifting my spirits.**

Lori Deschene



**"The  
purpose  
of our lives  
is to be  
happy."**

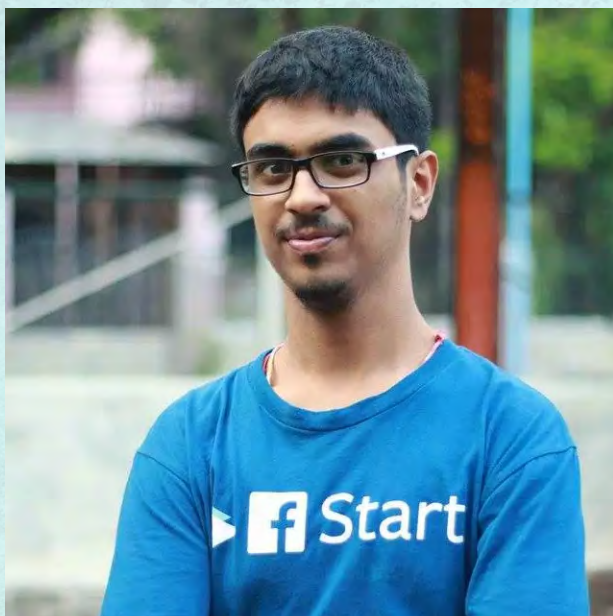
— DALAI LAMA —

**Parade**

Any sufficiently advanced technology is equivalent to magic.



## “Chasing Dreams: The Journey of a Young Indian Entrepreneur”



India has seen a rise in the number of young entrepreneurs who are making a mark in various industries. These young visionaries are using their creativity, innovation, and passion to create businesses that are changing the face of the Indian economy.

Meet Harsh Songra, a young entrepreneur from a rural area in Madhya Pradesh, India. Harsh is the founder and CEO of MyChild App, a mobile application that helps parents and caregivers of children with developmental disabilities to monitor and manage their child's progress. Harsh was diagnosed with dyspraxia, a developmental disorder, at a young age. He struggled with his condition, facing discrimination and social isolation. However, he did not let this deter him from his dreams of making a difference in the world.

In 2015, at the age of 17, Harsh founded

MyChild App. The app provides a platform for parents and caregivers to track their child's progress in real-time, and access resources and support from a network of professionals and experts. The app has received widespread recognition for its innovative approach to addressing the needs of children with developmental disabilities. It has been featured in media outlets such as Forbes, The Economic Times, and The Huffington Post, and has won several awards and accolades.

Harsh's success has not come without its challenges. He has faced financial difficulties, and has had to navigate the complex regulatory landscape of the Indian healthcare industry. However, he has remained committed to his vision, and has continued to innovate and grow the business.

Today, MyChild App has a user base of over 50,000, and has helped countless families across India to manage their child's developmental disabilities more effectively. Harsh's story is a testament to the power of entrepreneurship and innovation in creating positive change in society.

His journey from a small village in rural India to the forefront of the mobile healthcare industry is an inspiration to young people everywhere, and serves as a reminder that with hard work, perseverance, and a dedication to making a difference, anything is possible.

**Sayali Patil**

BE (E&TC)

### Reference:-

<https://openai.com/blog/chatgpt>

It has become appallingly obvious that our technology has exceeded our humanity.



## Riddles

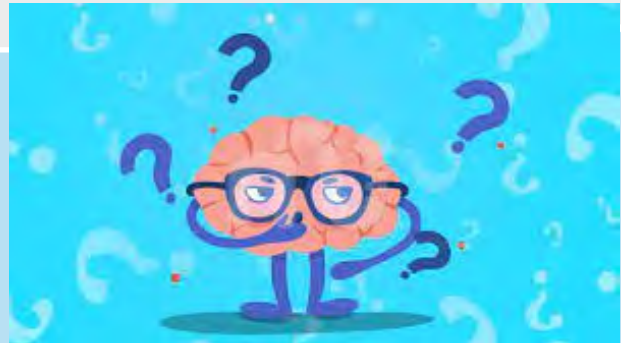
- 1) What can go up a chimney down, but can't go down a chimney up?  
Answer: An umbrella
- 2) What has to be broken before you can use it?  
Answer: An egg.
- 3) It belongs to you but others use it more than you do. What is it?  
Answer: Your name.
- 4) What is  $\frac{3}{7}$  chicken,  $\frac{2}{3}$  cat, and  $\frac{2}{4}$  goat?  
Answer: Chicago.
- 5) Which English verb becomes past tense just by rearranging the letters?  
Answer: "Eat" which can turn into "ate".

### THE BUTTERFLY EFFECT

by srwpocetry

You need to stay. And you need to stay loudly. You're afraid of making bad choices but the truth is this: the tiniest actions will influence the course of the rest of your life and you cannot control it. So many factors play a part in you being here today: a delayed train, an extra cup of tea, the number of seconds your parents took to cross the street. This is chaos theory. Sensitivity. Mathematics. You are here. And every choice you have ever made has led you to right now, reading this. While you exist, every movement and moment matters; those bad choices led you to the best days of your life, if you were to play it all in rewind. So let them go. Change will come, even if you're standing still. Butterflies will keep flapping their wings and causing hurricanes. So, make your choices and make them loud. Trust your gut. Trust energy. And if you ceased to exist? Oh, the universe would notice. The mess that would make. The hearts that would break. So just stay. Stay for bad choices. Stay for great ones. Stay. Cause a few hurricanes.

Shriya Lakhe SE IT



Sayali Patil  
BE entc

The human spirit must prevail over technology.

## WARLI ART: DIVERSIFICATION OF TRADITIONAL PAINTING CREATING FUTURE, HOPE & HAPPINESS

### INTRODUCTION

The Warli tribe is one of the largest in India, located outside of Mumbai. Despite being close to one of the largest cities in India, the Warli reject much of contemporary culture. The style of Warli painting was not recognised until the 1970s, even though the tribal style of art is thought to date back as early as 10th century A.D. The Warli culture is centered around the concept of Mother Nature and elements of nature are often focal points depicted in Warli painting. Farming is their main way of life and a large source of food for the tribe. They greatly respect nature and wildlife for the resources that they provide for life. Warli artists use their clay huts as the backdrop for their paintings, similar to how ancient people used cave walls as their canvases.



### History of Warli Art

Historians believe that the warli tradition can be traced back to as far as the Neolithic period between 2,500, BC to 3,000 BC. Warli painting is an indigenous art of Maharashtra. The word "Warli" come from the word 'Warla' which means the piece of land. Warli art is an ancient Indian folk art, tradition of painting of a Maharashtra tribe called warli. This art has been received popularity at national and international level too because of its simplicity in shapes, use of single white colour, requirement of minimum tools and creation of beautiful motifs by using simply lines, triangles, squares, circles and dots. Warli Tribe has still preserved their independent existence through Warli art and folk dance "Tarpa Nrutya".

Earlier Warli painting used to be etched out on walls of Warli's houses, but nowadays they are being

painted on papers, vases, mugs, bed sheets, textiles and apparels too. The wall paintings done only for special occasions such as weddings or harvests. These painting do not depict social life. Images of human beings & animals, along with scenes from daily life are created in a loose rhythmic pattern. Nested at the foot of the western ghat range in Maharashtra, India is the settlement of an ancient tribe known as the warli's.

These tribal people, who survive on forest produce & worship nature, have carved an international niche for themselves by virtue of their artistry. The name of the clan has given the name to the art form & today we know it as the warli painting. Artist & scholars believe the painting style.

### 4. Methodology

The locale selected for the study was Jawhar District, near Nashik, in Maharashtra state (India). A descriptive research design was planned. To

get complete and authentic information, interview schedule and participatory observation technique was undertaken. The data was collected with interview method coupled with Observation Method.

This method was consisted open end and closed ended questions. The questions dealt with demographic details, history of craft, process of producing craft, colours used for background and painting and motifs used. A multi visit, interview method was implemented along with photographic documentation for the collection of authentic data. The sample size comprised of ten families, from Dahanu, Mokhada and Jawhar.

Every single human being is creative and has creative potential. It's like a muscle that needs to be worked."



### Raw materials used



Earlier warla's they used to do the paintings on mud walls of their own houses. In this folk art of painting, design is never traced or drawn. It is a visualisation or creativity of artisan. Design is directly painted on walls with wooden stick. Background of design is earthen colour or reddish colour. House walls are painted with cowdung powder and coating is given with geru powder. White paste is made from rice flour and paste is prepared with water which was used for painting.

### Painting Technique Used

- Design is selected.
- Without tracing design, it is directly drawn on paper or cloth.
- Bamboo stick is chewed at the end to make it as supple as a paint brush, is a simple tool used for painting.
- Motifs are painted with white paste on the walls or earthen pots, on wooden articles or on paper or on cloth.
- First the body of human figure is drawn by connecting two triangles and hands and legs are depicted in dancing position and then remaining design is accomplished by painting minute details.
- Cloth is ironed from the reversed side of the cloth.

### Colours Used

The walls are made of a mixture of branches, earth and cow dung, making a red ochre background for the

wall paintings. The warli use only white for their paintings. Their white

pigment is a mixture of rice paste & water with gum as a binding.

To create variations geru, Turmeric, Kumkum, leaves, coloured flowers are used to extract natural dyes and gum from trees are extracted. Black colour is extracted from charcoal and used to depict cruel soul, Red colour from Butea Monosperma (Palas) flowers used to show existence of god Naradmuni and symbol of departed souls. Kumkum colour is used as symbol of prosperity. Yellow colour is extracted from pineapple.

### Themes Used and their significance

During marriages, Diwali festival, holi festival, during the season of crop harvesting and during other rituals, painting is done on warli's pada with full of enthusiasm and freedom. Their folk dance, daily life routine, Nature, gods and goddess, animals, birds, these themes are mainly use in painting. Through their artistic living culture and movements of human figures clarifies the theme and it's meaning. The warli painting essentially depict the basic principle of life which are used to depict human figures, animal's figures, houses etc. 'White colour' is used on a red earthen background.



"Artists are simple people with a complex mind."



Warli paintings use a very basic graphic vocabulary; a circle, a triangle & a square and paintings are monosyllabic. The circle and triangle come from their observation of nature, the circle representing the sun and the moon, the triangle come from mountains and pointed trees only the square seems to obey a different logic and seems to be a human invention, indicating a sacred enclosure or a piece of land.

Some of the types of the Warli paintings are:

- Devchauk Motif
- Lagnachauk Motif
- Tarpa Dance Motif
- Human figures
- Gods and Goddess
- Birds and Animals Motif
- Festival Nagpanchami Motif
- Festival Holi Motif
- Marriage ceremony Motif
- Reaping season Motif

### Evolution from past to present and diversification of this art



After getting this art popular, it has not remained restricted to the mud walls coated with cowdung, it has been crossed various mediums of painting like canvas, paper and received a status in house decorations. It is not only shifted to the walls of flats, Diwankhana of Bungalows but it is adopted proudly for beautification of Five star Hotels. It is also seen on household articles like, Coffee mugs, Files,

Wallhangings, Paperweights. Main diversification of this art is it's entry in textile world. Simple & aesthetic in apparel, warli art painting is back & gaining much wanted fame.

Recently warli tribal artisans are getting exposure with urban culture and new generation of warlis are adopting motifs like city buses, heighten Buildings, Railway, Ships etc. But still today, motifs like Warli marriage ceremony, Tarpa dance in circle, Indian farming style, Birds and animals lifestyle available in surrounded nature, these motifs are preserving tradition of Warli. In this Global era of remix and fusion culture, even if this art is diversified, warli artisans are adopted this change by not tempting to spoil traditional originality of painting.

### Role of Warli Artisans

The big attraction at Warli is that the village community of Jawhar is involving in making this painting on various articles.. According to time and people, medium has changed. Now most of the artists use water colours and handmade papers or canvas cloth. But they maintain the traditional characteristics and style and themes of paintings although the medium has changed. In order to create a new source of non-agricultural income, different organizations encourage the artists to produce their traditional paintings on handmade paper for commercial sale. This way now it also widely spread and becoming popular and giving hope and happiness to the society. The craftsmen were aware of history of the craft. The method has changed to great extent in order to meet growing demand of the market. The production process has not changed in the number of stages but there is change in the natural ingredients used in different stages. Traditionally this painting was done on mud walls of houses but today it is used on Fashion Apparels like Dresses, Tops, Kurtis, Saris, Bedsheets, Dupattas, T-shirts on Home textiles like Curtains, Cushion covers, Pillow covers, Table cloths, Table napkins, Tablemats, Table runners, Doilyset, Bedsheets, filecovers etc.etc. Similarly it is also done on accessories like Stoles, Scarfs, Purses, Evening Bags, Wall hangings, Portraits, Trey, Mobile Stand, Fancy Pots etc. There is no organized market established for them hence they face difficulty in

"I have no special talents. I am only passionately curious."



marketing their products. The younger generations have better avenues in learning skill and technical knowledge. They have mostly moved out of the village. Only few less skilled youngsters are pursuing this profession engaging other labourers.

### Warli Paintings and Indian Fashion

Warli paintings are today a very popular fashion motif, with designers frequently using them to create fashionable saris, shirts, skirts, salwar kameez, shawls, stoles, tunics, kurtas and kurtis. The paintings can be either directly painted on the fabric or printed on to it. Usually clothes with warli paintings are made of materials like raw silk and cotton which hold color easily. The stiffness of raw silk is preferred as it creates the perfect canvas to showcase Warli designs. They are either arranged in bold patterns all over the fabrics or restricted to the border areas.

### Present Day Scenario

Today Warli paintings have gone much beyond being a simple tribal art. They are considered a sophisticated art form, frequently used to create unique paintings which are sold at very high prices. For the same reason, Warli prints are ubiquitous in fashion and home décor. From designer sarees, silk cushion covers and linen bed sheets to mobile covers, purses and jewelery, this art has been adapted for a variety of decorative purposes. Warli paintings can also be easily reproduced using printing techniques which has

further increased the customer base for this art. Printed Warli designs, though less authentic, tend to come in more diverse colours and fabrics. Additionally, it is no longer the sole domain of the Warli tribe as artists and designers across the world have utilized this style in their creations.

### Innovations

The increasing demand for Warli paintings in urban centers has led to the art form evolving newer, more diverse styles and varieties. This is especially true when it comes to clothes and fashion, where the classic white on red design is not the only option available. Bright colours like neon pink, green and red as well as muted shades of purple, beige, green and yellow are increasingly being used in Warli prints. A recent innovation adapted by Warli artists is the depiction of modern, urban motifs like bicycles, auto rickshaws and roads. The basic symbols remain the same but the use of modern items creates a very contemporary vibe which appeals to a wider audience.

### References:

International Journal of Home Science

<https://medium.com/@anandvilhat75/the-history-and-origin-of-warli-painting-9f6e9ae182f2#:~:text=The%20style%20of%20Warli%20painting,points%20depicted%20in%20Warli%20painting>

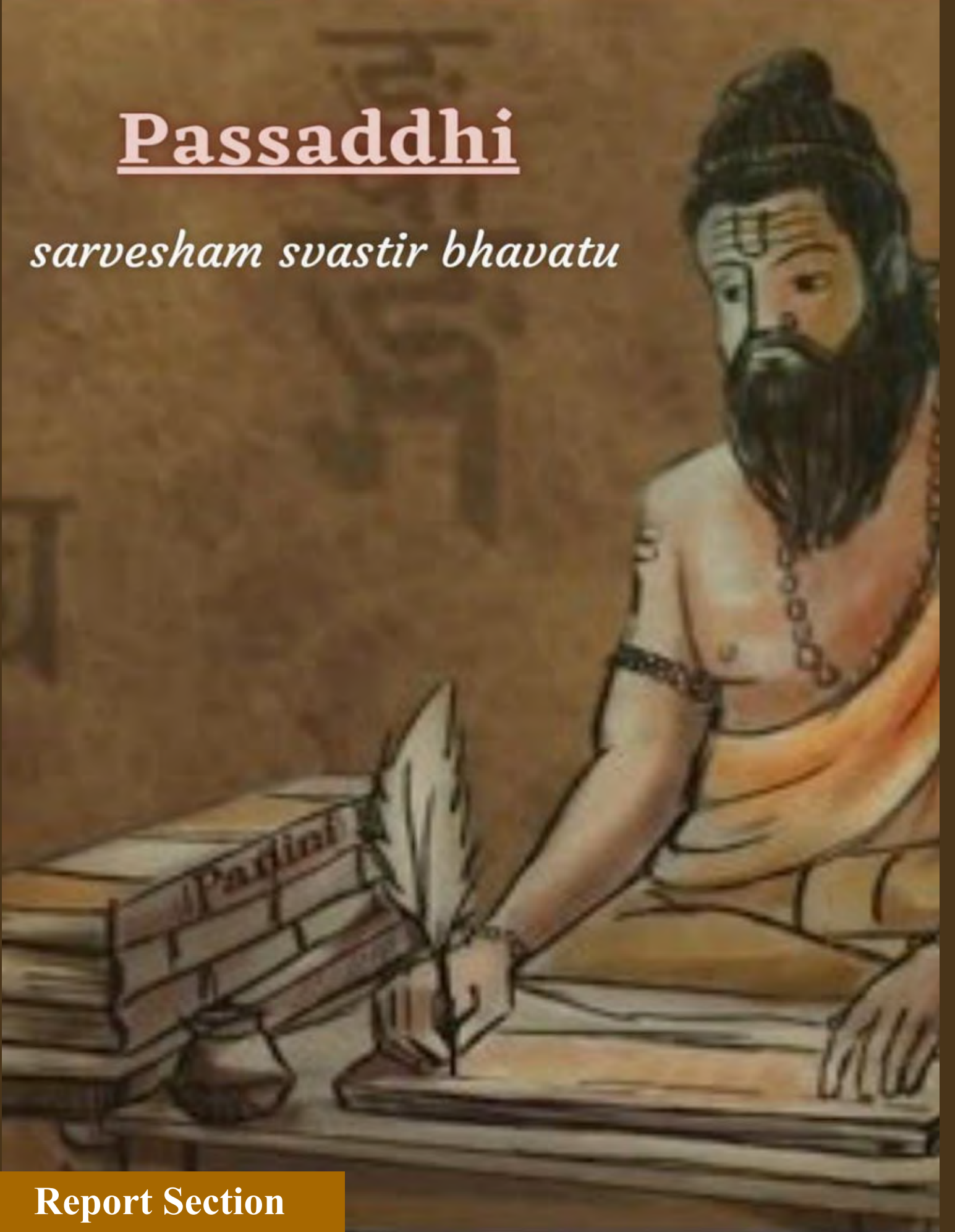


Shreya Sakare  
SE IT

"Always deliver more than expected."

# Passaddhi

*sarvesham svastir bhavatu*



**Report Section**





From L To R : Prof. N.I. Dalvi, Prof. K.S. Sawant, Prof. H.S. Kasar, Prof.V.S. Karambale, Prof. S.T. Khot, Prof. S. A. Hadke, Prof. S.A. Sagare, Prof. D.P. Chopade, Prof. U.S. Zape



From L to R : Bhargavi Wadkar, Arati Pacharadekar

## DEPARTMENTS



**Prof. (Dr.) S. R. Patil**  
I/C Principal, Head of Department E&TC



**Prof. Dr. D. A. Godse**  
Head, Department of Information Technology



**Prof. D.D. Pukale**  
Head of Computer Engg. Dept.



**Prof. Mrs. P. D. Kale**  
Head of Training & Placement Dept



**Prof. Dr. A. M. Pawar**  
Head of Department Engineering  
Sciences and Allied Engineering



## Dr. Patangrao Kadam

Founder, Bharati Vidyapeeth, Pune  
Founder-Chancellor, Bharati Vidyapeeth (Deemed to be University), Pune

### OFFICE BEARERS

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**Dr. Mrs. Asmita Jagtap**

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**Dr. S. R. Suryawanshi**

**Shri. Mohanrao Kadam**

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**Shri. S. M. Dingane**

**Dr. H. M. Kadam**

**Dr. M. S. Sagare**

**Shri. V. B. Mhetre**

**Dr. V. J. Kadam**

**Prof. M. A. Patil**

### BVCOEW, COLLEGE DEVELOPMENT COMMITTEE 2019-20

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H.O.D. IT Department

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**Prof. Dr. V. R. Pawar**  
Teaching Staff

**Prof. Mrs. K. B. Naik**  
Teaching Staff

**Mr. S. J. Deshmukh**  
Non Teaching Staff

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**Business: Dr. S. F. Patil**

**Research: Dr. A. R. Bhalerao**

**Social Service: Dr. T. Chaudhari**

**Prof. Dr. S. R. Patil**  
Principal

**Prof. Mrs. S. T. Khot**  
IQAC Coordinator

**Miss. S.S. Deshmukh**  
Secretary Student Council

# ENGINEERING SCIENCES AND ALLIED ENGINEERING

**Prof. Dr. A. M. Pawar**  
M.E., Ph.D. Mechanical Engg.  
Head of Department Engineering  
Sciences and Allied Engineering



## ABOUT DEPARTMENT:

Engineering Science and Allied Engineering Department plays a pivotal role in ushering the students to be a prospective engineer. The department nurtures and molds the students to enter in the rapid fast changing pragmatic world yet maintaining the sensitivity in them. The department has a well qualified and experienced staff. The faculties have excellent academic records and are highly regarded amongst students. The teaching-learning methodology used by staff boosts the students thinking potential and lifts their critical analyzing skills. As most of the students come from the diversified social environment it becomes a need for the department that they are mentored by the staff with whom they can share their thoughts, expectations, express themselves and would feel comfortable away from home.

The activities like Expert Lectures, Site Visits, Technical Events, Sports and Cultural Events, Soft Skills etc. widens their horizon and avert them from being monotonous with academics. The department catalyzes and assures a very healthy, amicable but a competitive ambience for our future engineers

## DEPARTMENT VISION:

Developing a sustainable technical education system to meet the changing technological needs

## DEPARTMENT MISSION:

- Strengthen leadership qualities so as to compete technically in the competitive environment
- Inculcate and Strengthen Research Aptitude amongst the Students and Faculty

## DEPARTMENT SWOC ANALYSIS:

### Strengths:

- Experienced & dedicated staff with good retention ratio
- Faculty involved in interdisciplinary research & book's publication
- Adaptive & effective Teaching Learning Process using continuous evaluation
- Faculty members are involved in design, development & implementation of curriculum in board of studies of affiliating University

### Weakness:

No. of faculty with PhD is comparatively less





**Opportunities:**

- Development of web based learning resources & implementation of interactive learning

**Challenges:**

- Cater to the need of students with diverse capabilities

**Future plans:**

- Implementation of ERP

**FACULTY INFORMATION (TEACHING):**

Sr. No.	Name of The Staff	Designation	Qualification	Exp. Yrs.
01	Prof. Dr.Pawar A.M.	Asso. Professor, Head of the department, Vice Principal	M.E. (Mech.Engg.) Ph.D. (Mech.Engg.)	21.5
02	Prof. Mitkari S.R.	Asst. Professor	MSc. (Math.)	19.5
03	Prof. Patwardhan M.A.		MSc. (Phy.) Ph.D.(Pursuing)	16.6
04	Prof. Kute Y.D.		M.E. (Mech.)	15.5
05	Prof. Chopade D.P.		M.Tech. (Elect.) Ph.D. (Pursuing)	14.8
07	Prof. Zope U.S.		M.Tech (Mech.)	10.2
08	Prof.Naikwadi K.B.		MSc. (math.) B.Ed.	13.9
09	Prof..Dr.Jadhav S.S		MSc.M.Phil (Chem.) Ph.D.	24.4

**FACULTY INFORMATION (NON-TEACHING):**

Sr. No.	Name of The Staff	Designation
01	Mr.Sutar A.M	Workshop Instructor
02	Mr.Swant V.P	Workshop Instructor
03	Mr.DeshmukhS.H	Lab Assistant
04	Mrs.Patil A. M.	Jr.Cleark
05	Mr.Jadhav B.V	Peon
07	Mr.Mahapure A.B	Peon

## DEPARTMENT INFRASTRUCTURE:

Sr. No	Name of the lab	Name of the Equipment/ Software
1	Engg. Physics Lab	CRO (Aplab make)
		Variable DC Power Supply
		Signal generators
		Overhead projector 1708
2	Engg. Chemistry Lab	Digital PH Meter With inbuilt magnetic stirrer and combined glass electrode
		Colorimeter With 5 imported Filters Equiptronics make
		Conductivity meter, electronic digital balance, IR lamp, PH meter, calorimeter, digital polemeter
3	Basic Electrical Engg. Lab	Transformer –rectifier unit i/p- 3phase,415V,AC, 230V,20A,o/p-DC
		Alternator-motor set(3KVA,440V,Y connected,1500rpm,5HP,230V)
		Three phase induction motor –Generator set 3HP,1440rpm,2KW,230V,compound)
4	Basic Civil and Environmental Engg. Lab	Laser Distant Meter
		Digital Planimeter
		Pocket Laser Level
5	Basic Mechanical Engg. Lab	Material handling m/c
		House hold Refrigerator
		Pelton wheel turbine model
6	CAD Lab	Auto Cad Inventor Professional 2010 Educational version
		Computer P IV
7	Workshop	Fitting Vice
		Wood turning lathe
		Sheet cutting machine





Engg. Physics Laboratory



Basic Civil Engg. Laboratory



Basic Electrical Engg. Laboratory



CAD Laboratory



Basic Mechanical Engg. Laboratory



Engg. Chemistry Laboratory



Workshop

**DEPARTMENTAL LIBRARY SALIENT FEATURES:**

- ♦ The library has collection of reference books and text books according to the syllabus for UG students. Total number of reference books and text books are 433.
- ♦ The library contains aptitude test books as well as study material for the preparation of competitive examination.

**STAFF ACHIEVEMENTS:**

Patent Granted by Prof. Dr.A.M. Pawar is given below

Sr. No.	Name of Applicant/Faculty	Name of Article	Application No.& CRB No.	Date
1	Prof. Dr. A.M. Pawar	Cathode Tool – For ECM	310841-22783	02/04/2022

Sr. No.	Name of the Staff	Achievement Details	Year
1.	Prof. Dr. A.M. Pawar	Member of IAENG( International Association of Engineers and Computer Scientists )	19/07/2021
		Member of “ National Institute For Technical Training & Skill Development”	20/07/2021
		Member (Life Time Membership) of the “Institute For Engineering Research And Publication” from 20/07/2021 to 31/12/2021. Membership Id No.PM85720961	20/07/2021
		Contribution as a Session Chair for the 9 <sup>th</sup> National Conference on Recent Developments in Mechanical Engineering [RDME 2021] on 18 <sup>th</sup> August, 2021 in M.E.S. College of Engineering, Pune 01 Virtual in Association with AIP Publisher, USA.	18/08/2021
		Contribution as a Reviewer & Session chair for the AICTE Sponsored International E- Conference on Mechanical and Material Science Engineering: Innovation and Research( ICMSE:IR 2021) organized by Department of Mechanical Engineering, Sandip Institute of Technology & Research Centre, Nashik on 17 <sup>th</sup> & 18 <sup>th</sup> September, 2021.	17-18/09/2021
		Member of International Association Engineers (IAENG) by official letter dated 14/12/2021.	14/12/2021
		Recognition as a Ph.D. Research Guide of Savitribai Phule Pune University	
		Awarded for being Judge in the celebration of 75 <sup>th</sup> year of Independence “Regional Level Project Competition” sponsored by Directorate of Technical Education, Regional Office, Pune in association with SPPU, Pune by AISSMS, Institute of Information Technology, Pune.	02/05/2022



		Appointed as a Subject Chairman(Appt. No. 21131235) for FE 2015 Course Credit System (Theory) Paper Basic Mechanical Engineering (102013), Theory Exam 2 Hours ( Out of 50 Marks) Sem.-I	(Order date :10/06/2021) 13/06/2021
		Appointed as a Subject Chairman(Appt. No. 21131241) for FE 2019 End Sem.(Theory) Paper System in Mechanical Engineering (102003), 2019 pattern Sem.-I	(Order date :10/06/2021) 13/06/2021
2.	Prof. Dr. S. S. Jadhav	Successfully completed Ph.D. on the titled of the thesis "Removal of Azo Dyes using Polyaniline and Substituted Polyaniline from Aqueous Solutions" from Symbiosis International (Deemed University), Pune on 15/02/2022.	15/02/2022

**STAFF PUBLICATIONS:  
PAPER PUBLISHED:**

Sr. No.	Name of the Author	Title of Paper	Name of the Journal
1.	Prof. Dr. A.M. Pawar	Heat transfer enhancement of receiver tube with twisted tape inserts and vortex generator at different orientation using CFD analysis	International Journal of Advanced Science and Technology (Indexing: <a href="#">Scopus</a> ).
		Experimental investigation on the effect of optimized dimethyl carbonate on CI engine performance & Emissions at various engine operating parameters using Taguchi method	AIP Conference Proceedings
		Text Summarizer using NLP (Natural Language Processing)	Journal of Computer Technology & Applications (JoCTA)
		Role of Photolithographic Process in Semiconductor Manufacturing	International Journal of New Practices in Management and Engineering
		Study Of Various Forecasting Models For Time Series Data, Using Stochastic Processes	Journal of Computer Technology & Applications (JoCTA)
2.	Prof. D.P.Chopade	Energy Audit and Conservation of Dental College-A case study	Journal of Information and Optimization Sciences (Indexing: Web of Science).
		A statistical approach for the management of electrical energy consumption of an educational organization	Journal of Information and Optimization Sciences (Indexing: Web of Science).
3.	Prof. Dr. S. S. Jadhav	Microbial consortia for industrial waste bioremediation: an insight to related patents	International Journal of Environmental Analytical Chemistry (Indexing: Scopus, SCI).

## •STAFF PARTICIPATIONS: (In workshop, seminars)

Sr. No.	Name of the staff	Name of the Event	Organized By	Date
1.	Prof. Dr. A. M. Pawar	Participated in One week FDP on “Augmented Reality & Virtual Reality”	Dept. of E&TC Engg. in association with Buds Engineering Academy Pune, under IEEE Students Branch, Institute of Engineers(India), Kolkata and ISTE, New Delhi	21/06/2021-25/06/2021
		Attended Inauguration Ceremony of AISSMS COE ISTE Students’ Chapter Webinar on “Role of Professional Students’ Chapter in Enhancing Engineering Students Career Growth and Increasing Opportunities”	AISSMS COE ISTE STUDENTS’ CHAPTER, PUNE	26/06/2021
		Completed Module 3.3 How to peer review a review article	Researcher Academy ( Elsevier)	02/07/2021
		Participated in Awareness program, history & human values on Covid 19	PC COE, Pune	05/07/2021 – 09/07/2021
		Attended the webinar on “Entrepreneurship and Atmanirbhar Bharat for Startup India”	AISSMS COE,PUNE-01 in collaboration with The Institute of Engineers( Kolkata)	07/07/2021
		Participated in AICTE Quality Improvement Scheme(AQIS), one week online STTP “Innovative & Inventive Problem Solving”	AISSMS, COE, Pune	13/07/2021 to 18/07/2021
		Participated in Webinar on “Innovation in Technology Adoption and Development of High Precision Slipring: A Case Study”	Dept. of Production Engg. and Institute of Engineers(India), Kolkata Student’s Chapter, AISSMS COE, Pune in association with TRIZ Association of Asia.	18/07/2021
		Participated in Syllabus Implementation Workshop for Elective-1 [Advanced Forming & Joining Processes ( 302045-A), Machining Science 7 technology (302045-B) & Digital Manufacturing Laboratory (3020460)]	Amrutvahini COE, Sangamner, Dist-Ahmednagar.	28/07/2021



		Attended one day National Level Webinar on “Research Paper Writing & Publications”	Department of Engineering Sciences, Dr. D Y Patil School of Engineering, Lohegaon, Pune.	30/08/2021
		Attended the 90 Minutes Online Webinar on “Well Being through Energy Mastery”	NITTTR, Chennai	01/09/2021
2.	Prof.Mr. M. A. Patwardhan	Attended 5 days online workshop on Computational Physics for higher education	Department of Physics RV college of Engineering Bengaluru.	09/08/2021
		Participated in National level 7 days FDP	Symbiosis college of Arts and commerce	27/01/2022 to 03/02/2022
3.	Prof.Mr. Y.D. Kute	Participated and successfully completed the 5days online FDP on the theme Inculcating Universal Human Values in Technical Education	AICTE	15/11/2021 to 19/11/2021
4.	Prof.Mrs.D. P. Chopade	Initiative for sustainability practices in institution	Shri Ramakrishna Engineering College Coimbatore	06/09/2021
		Developing Leadership Skills for Enhancing Personal and Organizational Outcome	Vidyavardhaka College of Engineering Gokulam III stage, Mysuru - 570-002, Karnataka, INDIA	13/09/2021to 17/09/2021
		Webinar on Auxiliary system in EHV substation	NBN SINHGAD SCHOOL OF ENGINEERING	18/09/2021
		Attended FDP ON Semiconductor Devices ,Microwave and Renewable Energy	Asansol Engineering College ,Asansol	21/09/2021to 25/09/2021
		“Electric Vehicles- Career Opportunities”	JayawantraoSawant College of Engineering,pune	25/09/2021
		Recent Trends in Energy and Power system	Vellore Institute of Technology,Chennaii	06/09/2021 to 09/09/2021
		Attended AICTE Sponsored STTP ON Hybrid and Electric Vehicle : Development ,Integration and Challenges	Erode Sengunthar Engineering College, Perundurai	20/09/2021to 25/09/2021
		Participated in Webinar Telecomm :A Surviour for Survival during Pandemic	Pravara Rural Engineering College, Loni	02/10/2021

		Participated in Evolving Indian Power Sector	NBN Sinhgad School of Engineering, Ambegaon,pune	02/10/2021
		Participation in FDP in Research challenges and opportunities in smart grid in integration with electric vehicle	VEMU Institute of technology P.Kothakota, Chittoor(Dt), A.P	08/10/2021 to 12/10/2021
		Participated in FDP ON Recent Advances inSolar Energy and Application	Kamveer Adv.Baburao Ganpatraothakare College of Engineering,Nashik	25/10/2021 to 29/10/2021
5.	Prof.Mrs.U. S. Zope	Participated n completed successfully online faculty development programmer (FDP) ON " Innovation in additive Manufacturing".	Bharatvidyapeeth's college of Engg, Lavalecampus.pune	13/09/2021 to 17/09/2021
		2 days national level workshop on, "Recent trends in Mechatronics n Automation", conducted by KBTCOE NASHIK	KarmveerbapuraoGan patiThakare college of Engg, Nashik	24/09/2021 to 25/09/2021
		2 days webinar on Impact lecture series on Innovation Entrepreneurship &Funding	KJEI Trinity Academy of Engg Pune	01/10/2021 &02/10/2021
		Participated in 5 days online FDP	karmveerBaburaoGan patraoThakare college of Engg, NashikDeptt of mechanical Engg in association with Internal Quality Assurance cell	25/10/2021 to 29/10/2021
6.	Prof.Mr .K.B. Naikwadi	Participated in AICTE the One-Day Online Workshop on "How to Conduct the Student Induction (SIP) Program"	All India Council for Technical Education(AICTE)	21/09/2021
		2 Days National Level FDP on Recent Trends in Mathematical & Statistical Techniques	Dr. VishwanathKarad MIT-WPU School of Mathematics & Statistics, Pune	22/10/2021 to 23/10/2021
		National Level Webinar on Data Analysis using Predictive modeling	Gonzaga college of arts and science for women, Kathampallam, Elathagiri-635108, Krishnagiri, Tamilnadu PG department of Mathematics	25/10/2021
		Participated & completed ATAL National Level FDP on Machine Learning	BVCOEW, Pune in association with ATAL	08/11/2021 to 12/11/2021
		FDP on Advanced Concepts of Outcome Based Education.	Inpods Ed-tech	25/11/2021



## DEPARTMENT ACTIVITIES: ACTIVITIES ORGANISED FOR STUDENTS

Sr. No.	Name of the Activity	Class	Resource Person with details
1.	Induction Program For FE Students On Online Platform	FE	All FE Staff& students
2.	Sahaj-Yogakriya Program		FE Staff And Students
3.	Yoga-Day Program		Mrs. Pravina Sheikh



From L To R Mr. Ghorpade(Museum Incharge), FE Staff and FE students



Prof. Dr. S.R. Patil, Prof. Dr. A.M. Pawar, FE Staff and FE students



Sahajyog program for FE students



Yoga session for FE students

**STUDENT'S ACHIEVEMENT:**

Sr. No.	NAME OF THE STUDENT	CLASS	Type of Scholarship receivedn Rs.	ORGANISED BY
1	AkkaSamiksha Santosh	F.E.	60,000	Leelapoonawala foundation Scholarship
2	FirkeSanikaSandip		30,000	
3	GhoreAishwaryaDilip		55,000	
4	KarkandeRutujaVinod		45,000	
5	KadamSvarupaRamdas		53,000	
6	KondeShravaniSomnath		59,500	
7	PudaleManasviDilip		40,000	Persistent Kiran girls scholarship
8	Dnyaneshwari Sunil Mohotkar		45,000	Leelapoonawala foundation Scholarship
9	NarkhedeYogeshwariSudhakar		59,500	
10	Chaitali Rajesh Nigade		45,000	
11	PawarKirtiNamdeo		60,000	
12	Snehalsiddanathshinde		60,000	
13	SamruddhiBhaskarShitole		45,000	
14	Pratikshajitendrasuryawanshi		45,000	
15	GayatriMarutiTemgire		53,000	
16	WaghAnanyaAnand		55,000/-	
17	BatwalShraddhaRamdas		60,000	
18	Nehasubhashjamdade		45,000	
19	ManshaPravin Joshi		60,000	
20	VedantiKhushalraoKakade		30,000	
21	SiddeshriKunnure		45,000	
22	Anushka Sanjay Mohite		45,000	
23	VaishnaviSandipPatil		55,000	
24	Trupti Sunil Pokharkar		55,000	
25	ShindePritiAnandrao.		45,000	
26	VaishnaviMahendraThorat		60,000	
27	JanaviUmeshSarode		60,000	
28	Das MayuriKantilal		45,000	
29	Gunjan Sanjay Deshmukh		53,000	
30	PratikshaBhaskarDhembare		45,000	
31	DishaBalasahebDharasurkar		59500	
32	SakshiSadashivIngale		45,000	
33	Kadamshwetashashikant		53,000	
34	ApurvaRajendraNangare		50,000	
35	Isha Vijay Patil		53,000	
36	Sanikahanmantbhosale		45000	
37	ChaudhariShrutiRavindra		55,000	
38	InamdarSharvariShrikrishna		59,500	
39	FirdosMohdHaroonManiyar		60,000	
40	PatilPallaviBhimrao		45,000	
41	PatilPrayujaShahaji		30,000	
42	LaxmiRohidasSalekar		45,000	
43	Shaikh AlnaazMurtaja		55,000	
44	Arpita Sanjay Takalkar		45,000	
45	YeoleGayatriValmik		59,500	



**LIST OF FE COLLEGE TOPPERS (2021-22)**



**I<sup>st</sup> Topper  
MANDLECHA  
SAKSHI SUVALAL  
SGPA10**



**II<sup>nd</sup> Topper  
VAISHNAVI  
MAHENDRA THORAT  
SGPA 991**



**III<sup>rd</sup> Topper  
DHANSHRI  
RAVINDRA THORAT  
SGPA 975**



**III<sup>rd</sup> Topper  
DITI JARIWALA  
SGPA 975**

# ELECTRONICS & TELECOMMUNICATION ENGG.



**Prof. (Dr.) S. R. Patil**  
M.E (EC), Ph.D. (EC & CSE),  
Head of Department E&TC

## ABOUT DEPARTMENT:

Electronics and Telecommunication Engineering Department was established in the year 2001 with the intake of 60 students. With the increase in intake of 60 in 2006-07 for UG and a new PG course of intake 18 in 2013-14; our department is continuously getting upgraded. Department has highly qualified faculty. Well planned infrastructure to satisfy growing needs of educational environment, supported with latest hardware and software tools like MATLAB, Xilinx, and LABVIEW, MENTOR GRAPHICS etc. As being the largest department in the institute our maximum focus is on research activities.

## DEPARTMENT VISION:

To develop women professionals to become a valuable resource for industry and Society through E&TC Engineering.

## DEPARTMENT MISSION:

1. To provide quality and value based education for women in the field of E&TC Engineering.
2. To train women to keep pace with rapidly changing technological needs of industry and research.

## DEPARTMENT SWOC:

### Strengths:

1. Six faculty members with Ph.D. degree and 13 PG recognised faculty members.
2. Post-Graduation programme in VLSI and Embedded System Design.
3. Laboratories with State of the Art equipment & modern software tools.
4. Faculty contributing in design development and implementation of curriculum in board of Studies of affiliating university.
5. Effective use of ICT in teaching learning process.
6. Student centric functioning with mentoring and counselling through teachers.
7. Effective Academic monitoring.
8. Encouraging and conducive atmosphere for Co-curricular activities.



9. Promoting research among the students.
10. Ability to design and develop skill development.

**Weakness:**

1. consultancy services need to be initiated and improved.
2. Improvement of aptitude and communication skill for students.
3. Moderate employable competency.
4. Less research publications in peer reviewed international journals having high impact factor.
5. Less exposure to industrial environment.

**Opportunities**

1. Promotion of Post-doctoral research.
2. Conduction of FDP and STTP.
3. Conduction of value addition programs.
4. Organisation of national/international conferences and value addition programs.
5. Effective Participation of alumni in department development.
6. Revenue generation through consultancy and sponsored projects.

**Challenges:**

1. More Placement in core companies
2. Improvement of aptitude and communication skills for students
3. Strengthen industry and institute interaction.
4. Creating awareness about employment opportunities in E&TC Engineering.
5. More participation in the summer school and industry internship.
6. Strengthen alumni interaction.

**Future Plans:**

1. To establish research centre.
2. To promote patents and registration.
3. To prepare students ready for placement from initial stages.
4. Establish linkages with reputed industries.
5. Online submission and assessment of assignment and unit test.
6. Implementation of ERP.

**Program Educational Objectives (PEOs)**

1. Ability to apply electronics knowledge, to identify formulates and solves Engineering problems.
2. Acquire knowledge to find out workable solutions in the field of Telecommunication.
3. Exhibit programming skills with the use of various software tools.
4. Inculcate continuous learning through interdisciplinary approach.

**Program Specific Outcomes (PSOs)**

Graduate will be able to

1. Give techniques, solution by using acquired knowledge and skills.
2. Design and develop Electronics & telecommunication based systems.
3. Create, select and adapt techniques, resources and tools with understanding of associated limitations.
4. Identify and address their own needs in the changing world through lifelong learning.

**Program Outcomes (Pos)**

On completion of the program graduate will be able to

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.





**Department Advisory Board (DAB)**

Sr. No.	Name of the Member	Details
1.	Prof. Dr. S.R. Patil	I/C Principal
2.	Prof. Dr. S. R. Patil	Head of Dept.
3.	Prof. Dr. D. S. Bormane	BOS (Electronics Engg.) Member
4.	Prof. S. T. Khot	Senior Faculty Member
5.	Prof. Dr. S. S. Chorage	
6.	Mr. Nityanand Tendulkar	Industry Persons
7.	Pranita Dharmadhikari	Alumni
8.	Pranali Nanware	
9.	Mrs. Rakhi Mittal	Parent Representatives
10.	Mr. Balaso Kumbhar	
11.	Hrucha Gohad	Student Representative
12.	Kad Sae	

**Dept. Program Assessment Committee (PAC)**

Sr. No.	Name of the Member	Details
1.	Prof. Dr. S. R. Patil	Head of Dept.
2.	Prof. R.M. Shamalik	Training and Placement coordinator
3.	Prof. Dr. S. M. Rajbhoj	Industry Institute Interaction In charge
4.	Prof. Dr. S. S. Chorage	Senior Faculty Member
5.	Prof. Dr. S. A. Dhole	Result Analysis In charge
6.	Prof. V. S. Karambelkar	Co-Curricular Activities In charge

**FACULTY INFORMATION:**

No. of Ph.D. Completed : 07  
 No. of Ph.D. Registered : 17  
 No. of M.E / M. Tech. Completed : 02

**FACULTY INFORMATION (TEACHING):**

Sr. No.	Name of the Staff Member	Designation	Qualification	Exp. (Yrs.)
1	Prof. Dr. S. R. Patil	Professor & Head	Ph.D. (EC & CSE).	32.7
2	Prof. S. T. Khot	Professor	Ph.D.(Pursuing)	32.10
3	Prof. Dr. S. S. Chorage	Professor	Ph.D. (Electronics Engg.)	24.10
4	Prof. Dr. V. R. Pawar	Associate Professor	Ph.D. (Electronics Engg.)	26.3
5	Prof. Dr. S. M. Rajbhoj		Ph.D. (Electronics Engg.)	30.9
6	Prof. S. A. Itkarkar		Ph.D.(Pursuing)	29.10
7	Prof. Dr. S. L. Kore		Ph.D. (E&TC Engg.)	21.10
8	Dr. S. A. Dhole	Assistant Professor	Ph.D. (E&TC Engg.)	18.10
9	Dr. S. M. Jagdale		Ph.D. (Electronics Engg.)	18.6
10	Mrs. K. R. Chaudhari		Ph.D.(Pursuing)	15.9
11	Mrs. S. S. Salunkhe		Ph.D. (Electronics Engg.)	14.11
12	Mr. S. M. Bhilegaonkar		Ph.D.(Pursuing)	13.5
13	Mr. M. S. Kasar		Ph.D.(Pursuing)	15.8
14	Mrs. P. R. Yawle		Ph.D.(Pursuing)	13.10
15	Mrs. V. S. Karambelkar		M. Tech (Electronics & VLSI)	13.10
16	Mr. V. P. Mulik		Ph.D.(Pursuing)	14.7
17	Mrs. R. R. Jain		Ph.D.(Pursuing)	13.9
18	Ms. Y. R. Dhumal		Ph.D.(Pursuing)	13.8
19	Mrs. R. J. Sapkal		Ph.D.(Pursuing)	12.10
20	Mrs. S. V. Shelke		Ph.D.(Pursuing)	12.4
21	Mr. A. B. Vitekar		Ph.D.(Pursuing)	14.6
22	Mrs. K. D. Mahajan		Ph.D.(Pursuing)	12.10
23	Mrs. V. V. Gaikwad		Ph.D.(Pursuing)	11.11
24	Mr. R. M. Shamalik		Ph.D.(Pursuing)	12.2
25	Mr. A. P. Yadav		Ph.D.(Pursuing)	11.8
26	Ms. S.M.Patil		M. Tech (Electronics & VLSI)	6.9

**FACULTY INFORMATION (NON-TEACHING):**

Sr. No.	Name of the Staff Member	Designation
1	Mrs. Atre S. V.	Tech. Asst.
2	Mr. Thorat S.K.	Lab. Asst.
3	Mr. Kumbhar G.R.	Lab. Asst.
4	Mr. Pawar C.D.	Lab. Asst.
5	Mr. Kolekar V.G.	Jr. Clerk
6	Ms. Kharat S.S	Peon
7	Mr. Jadhav V.	Peon



**DEPARTMENT INFRASTRUCTURE:**

Lab Name	Hardware	Software
<b>Analog Circuits Lab</b>	DSO, Function generator workstation, IC Tester	--
<b>VLSI Lab</b>	32 bit Logic Analyser, SPARTAN II,	Xilinx13.4, Microwind Modelsim, Mentor graphics
<b>Digital Electronics Lab</b>	Power scope, Differential model, Digital Trainer kits	Xilinx 13.4
<b>Computing Facility Lab B</b>	Lenovo PC's, UPS, Printer	MATLAB
<b>Computing Facility Lab A</b>	Lenovo PC's, UPS, Printer	MATLAB, LABVIEW with all tools.
<b>Post Graduate Lab (Research cell)</b>	Vertex Kits, DSP board TMS 320C, VLSI kits	Mentor Graphics NEC
<b>Embedded Lab</b>	PIC microcontroller Kits Embedded Processor Kit	MPLAB, Flash magic, KEIL
<b>Communication Lab</b>	Microwave Test benches (klystron, Gunn, Antenna), AMITEC make antenna trainer, Wobul loscope, RF field strength analyzer	--
<b>Electronics Measurement &amp; Mechatronics Lab</b>	Power Scope Harmonic Analyzer, 6 & ½ Digital Multimeter, Spectrum Analyzer, Mechatronics Kits & Setups, Electrical Machine setup	--
<b>Electronics Devices and Circuits, PCB Lab</b>	CRO, DSO Function Generators, PCB Sharing and cutting machine	Multisim



PG LAB



MECHATRONICS LAB



EMBEDDED LAB



VLSI LAB



ELECTRONICS DEVICES & CIRCUITS,  
& PCB LAB



COMPUTER LAB 2

#### DEPT. LIBRARY DETAILS:

- Department has a library with seating capacity of 20 students.
- Facilities in Department Library
  1. It has good collection of Reference Books.
  2. Books for competitive exam preparation are available such as GATE, GRE, TOEFEL and CAT etc.
  3. 2 Books are issued to students for one week in addition to college library.
  4. Open Library access to students as well as faculty members.
- Details are as follows:

Sr. No.	Library details	
1	No. of Volumes	503
2	No. of Titles	451



**RESEARCH AND DEVELOPMENT ACTIVITIES:**

Research is playing significant role in a professional growth of the institute. The institute encourages it in all measures. To foster novelty, innovation, and lifelong learning, active initiatives are taken by the institute. Research cell has been formed to coordinate the research activities.

To inculcate the research culture among faculty members and to enhance research activities among the students various initiatives are taken. AICTE ATAL FDP was organized on the emerging topic, “Machine Learning”. Seminars, webinars, hands on sessions and Faculty Development Programs, Student Development Programs are organized in collaboration with the reputed institutes.

Institute is privileged to receive AICTE SPICES grant UNDER Student development scheme. 21 activities are conducted related to ethics, creativity and interests. Allowances are given to the students to attend the various events across India.

**AICTE Grants Received during A.Y.2021-22**

Sr. No.	Category of the Scheme	Name of the Scheme	Grant Received in Rs.
1	Institutional Development Schemes	MODERNISATION AND REMOVAL OF OBSOLESCENCE (MODROBS)	9,73,500
3	Student Development Schemes	AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)	1,00,000/-
<b>Total Grants Received</b>			10,73,500/-

**STAFF ACHIEVEMENTS:**

Sr. No.	Name of the Staff	Achievements details	Organized by	Date
1	Prof.(Dr.) S.R.Patil	1) MODERNISATION AND REMOVAL OF OBSOLESCENCE (MODROBS)  2) AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)  3) AICTE ATAL FDP	AICTE	2021-22
2	Prof.(Dr.) S.R.Patil	Complete Patent Application No. 202121040672 has been successfully filled for the invention entitled “Automatic Speech syllable segmentation using multi fractal detrended fluctuation analysis with ZCR”	IPR	10/09/2021

3	Prof Dr, S. S. Chorage	Complete Patent Application No. 202221027698 has been successfully filled for the invention entitled “Sensing and simulation system and method for exhaust air particulates exhausting from a device”	IPR	13/05/2022
		NPTEL Online Certification course on Management Information System passed with Elite certification and Silver Medal.	NPTEL online Certification Funded by the Ministry of HRD , Govt. of India	1/07/21-30/10/2021
4	Prof. Dr. V. R. Pawar	Best paper award for the paper entitled “Emotion Linked AioT based cognitive Home Automation System with sensovisual method”	4th IEEE Pune Section International Conference on innovation in Engineering, Design and Holistic Education organised by MIT-ADT University.	16/12/2021 to 19/12/2021
		NPTEL Online Certification course on Data analytics with Python passed with Elite certification	NPTEL online Certification Funded by the Ministry of HRD , Govt. of India	01/01/2022 to 30/04/2022
		Published Patent application on the topic “ Simple Pipe and Rod bending Attachment”	IPR	18/01/2022
		NPTEL Online Certification course on Emotional Intelligence passed with Elite certification	NPTEL online Certification Funded by the Ministry of HRD , Govt. of India	Jan-Mar 2022





5	Prof.S.A.Itkarkar	Awarded as a Social Worker on Occasion of International Women's Day	Vishwakarma May Yuva Pratishthan, Pune	08/03/2022
		Awarded as Social Worker who worked during COVID-19	Bharati Vidyapeeth Police Station, Mahila Dakshta Samiti, Shnatata Samiti, kartvyanishth mahila manch ani Anahat Swarajya	10/03/2021
6	Prof.Dr. S.L Kore	Recognition as a Ph.D. Research Guide under the faculty of Science and Technology in the subject of Electronics & Telecommunication Engineering	Savitribai Phule Pune University, Pune	16/07/2021
7	Prof.S.M.Jagdale	Successfully completed the degree of Doctorate of Philosophy in the topic "Robust Speaker Recognition Using Fusion of Low Level and High Level Features Such as Prosodic, Lexical Details" under the guidance of Prof. Dr. A. A. Shinde offered by Bharati Vidyapeeth (Deemed to be) University	BVDUCOE, Pune	12/05/2022
8	Prof.K.R.Chaudhari	4th International Conference on Ideas, Innovations, Impact in Science and Technology	Smt. Kahibai Navale College of Engineering, Pune	17/06/2021
9	Prof.S.M.Bhilegoankar	Online Symposium of Research Scholars (SYRES)	IEEE joint chapter of AP, MTT, EMC (JCAME & Communication Society), Pune	21/12/2021

10	Prof. R. M. Shamlik	Complete Patent Application No 202121049257A has been successfully filled invention entitled DEFAB: A System for Gesture Detection using Foreground and Background Separation with Depth Estimation	IPR	22/04/2022
11	Prof. A. B. Vitekar	NPTEL Online Certification course on System Design Through Verilog passed with Elite Certification	NPTEL online Certification Funded by the Ministry of HRD , Govt. of India	July-Sep 2022

● **STAFF PUBLICATIONS :**

Sr. No.	Name of the Author	Title of Paper	Name of the Journal/Conference
1	Prof. Dr. S.R.Patil	Book Chapter/Conference (Smart Innovation, Systems and Technologies	Gaussian Filter Based Speech Segmentation Algorithm for Gujarati Language.
2	Prof. Dr S.S. Chorage	2021 IEEE International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON)	Automatic Classification of Autism Spectrum Disorder (ASD) from Brain MR Images Based on Feature Optimization and Machine Learning
3		Australian Journal of Electrical and Electronics Engineering. 10.1080/1448837X.2021.2023077	Frequency reconfigurable patch antenna using slot, slits and defected ground structures: parametric analysis
4		International Journal of Swarm Intelligence Research (IJSIR), IGI Global Publishing(Accepted)	Particle Rider Optimization Driven Classification for Brain-Computer Interface
5		International Journal of Electronics and Telecommunications	"An Efficient MEMS Sensor Modelling by Geometrical Parameter Optimization".
6		International Journal of Emerging Technology and Advanced Engineering	Investigational Outcomes of Normal and Diabetic Human Volunteers using Microwave based Non-invasive Blood Glucometer



7	Prof. Dr. S.L.Kore	International Journal of Innovative Research in Technology (IJIRT)	Library Automation System
8	Dr.S.A.Dhole	International journal of Scientific Research in Engineering and Management(IJSREM)	Leaf Disease Detection using Image Processing Techniques and CNN
9	Prof.S.M.Jagdale	Design Engineering	Deep Neural Network based Robust Text independent Speaker Identification
10	Prof. S. M. Bhilegaonkar	IEEE Wireless, Antenna and Microwave Symposium (WAMS) held in National Institute of Technology Rourkela, India, June 2022, Publisher IEEE	Design of an Inverted C-Shape Slot Antenna using Substrate Integrated Waveguide
11	Prof. Shweta S. Salunkhe	Springer Nature Singapore Pte Ltd. 2021 S. N. Merchant et al. (eds.), Advances in Signal and Data Processing, Lecture Notes in Electrical Engineering 703	A Novel Approach for CBIR Using Four-Layered Learning
12	Prof.V.S. Karambelkar	International Journal of Scientific Research in Science, Engineering and Technology	Electrobot Hand Disinfection Dispenser with IoT
13	Prof. R.M. Shamalik	International Conference on Intelligent system	Real Time Gesture recognition using Convolutional Neural Network
14		Journal of Emerging Technologies and Innovative Research	HAND GESTURE RECOGNITION SYSTEM

● STAFF PARTICIPATION:

Sr. No	Name of the Staff	Name of Workshop/seminar/ FDP Attended/webinar	Organized by	Date
1.	Prof.Dr.S.R.Patil	National Faculty Development Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW, Pune	8/11/2021 to 12/11/2021

		NEP:2020 Role of Private Sector in an Effective Implementation	Education Promotion Society for India	28/03/2022
2.	Prof. S.T.Khot	National Faculty Development Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW, Pune	8/11/2021 to 12/11/2021
3.	Prof. Dr. S.S.Chorage	National Faculty Development Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW ,Pune	8/11/2021 to 12/11/2021
		NPTEL Online Certification course on Management Information System passed with Elite certification and Silver Medal.	NPTEL online Certification Funded by the Ministry of HRD , Govt. of India	1/07/2021 to 30/10/21
4.	Prof. Dr.V.R.Pawar	Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Digital Signal Processing	Modern Education Society's College of Engineering,Pune	26/07/2021 to 28/07/2021
		How to prepare for Campus Interview'	BVCOEW,Pune with AICTE-Scheme for Promoting Interests, Creativity And Ethics among the Students (SPICES) Pune	17/09/2021
		NPTEL AICTE FDP on Data Analytics with Python	NPTEL online Certification Funded by the Ministry of HRD , Govt. of India	1/1/2022 To 30/04/2022



		NPTEL AICTE FDP on Emotional Intelligence	NPTEL online Certification Funded by the Ministry of HRD , Govt. of India	1/1/2022 To 31/03/2022
		National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
		AICTE approved orientation/refresher Program on "Low Power VLSI System Design"	Walchand College of Engineering ,Sangli,Maharashtra	10/01/2022 to 15/01/2022
		AICTE-ISTE approved orientation/ refresher program Industry 4.0: Preparedness of Academia to meet the challenges	Walchand College of Engineering ,Sangli,Maharashtra	28/02/2022 to 5/03/2022
5	Prof.Dr.S.M.Rajbhoj	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
6.	Prof. S. A. Itkarkar	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
		Webinar on Symbol of Knowledge by Rajendra Singhji	AISSMS,Pune,NSS Pune and SPPU,Pune	11/06/2021
		Enterprinership and Atamnirbhar Bharat for Startup India	AISSMS COE,Pune in collabration with the Instituite of Engineers ,Kolkata	07/07/2021
		Covid 19 detection and di agnosis based on Biomedical Imaging using Artificial Intelligence	JSPM's JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING	07/08/2021

7.	Prof. Dr. S. L. Kore	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATA L) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
8.	Prof. Dr. S. A. Dhole	Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Digital Signal Processing	Modern Education Society's College of Engineering,Pune	26/07/2021 to 28/07/2021
		National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
9	Prof. S.M. Jagdale	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
10.	Prof.S.S.Salunkhe	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
11.	Prof. K.R. Chaudhari	4th International Conference on Ideas, Innovations, Impact in Science and Technology	Smt. Kahibai Navale College of Engineering, Pune	17/06/2021
		National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
11.	Prof. S.M. Bhilegaonkar	Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Electromagnetic Field Theory	Pune Institute of Computer Technology,Pune	22/07/2021 to 24/07/2021



	National Faculty Development Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
	Online Symposium of Research Scholars (SYRES)	IEEE joint chapter of AP,MTT,EMC (JCAME & Communication Society),Pune	21/12/2021
	‘High Fidelity Simulation of 5G Antenna and Its Safety & Certification Challenges’	Xitadel CAE Technologies India Private Limited and IEEE Communication Society Pune section in association with NBN Sinhgad School of Engineering, Pune	01/07/2021
	one week National Level Faculty Development program on Multi Technology	AAISSMS IOIT,Pun in collaboration with national Yout Council of India and Brainovision solutions India ,Pvt LTD and IETE Pune section	28/06/2021 to 30/07/2021
	Webinar on “RF over Fiber”	AAISSMS IOIT,Pune in Association with IEEE Pune Section.	17/07/2021
	webinar on START UPS IN DEFENCE AND AEROSPACE SECTOR: OPPORTUNITIES, CHALLENGES AND WAY AHEAD	Pune Local Centre of The Institution of Engineers (India) under the aegis of Aerospace Engineering Division	17/07/2021
	One week online Webinar Series 2021-22 on “Keys to Manage Time & Stress”	AISSMS COE Pune	24/08/2021

13	Prof.M.S.Kasar	Deep Learning Application in Cyber Security for Engineering and Science	MIT Academy of Engineering,Pune	14/06/2021 to 19/06/2021
		Faculty Development Program on Data Science	E& ICT ,IIt, Kanpur	5/07/2021 to 16/07/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Digital Communication	Army institute of Technology,Pune	22/07/2021 to 24/07/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Cellular Network	Maratha Vidya Pratishthan samaj'S Karmveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik	27/01/2022 to 29/01/2022
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Skill Development	Nutan Maharashtra Institute of Engineering and Technology,Talegoan,Pune	30/7/2021 to 31/7/2021
		National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
14.	Prof. P.R.Yawle	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021



15.	Prof.V.S.Karambelkar	National Faculty Development Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
16	Prof.V.P.Murlik	Advancements in Artificial Intelligence (AI) and Machine Learning (ML)	TheOxford College of Engineering ,Bengalore	12/07/2021 to 17/07/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Microcontroller	Sinhgad Institute of Technology,Ionavla,Pune	22/07/2021 to 24/07/2021
		National Faculty Development Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW, Pune	8/11/2021 to 12/11/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Power Devices and Circuits(PDC)	Marathwada Mitra Mandal's College of Engineering,Pune	27/01/2022 to 29/01/2022
17.	Prof.R.R.Jain	Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Microcontroller	Sinhgad Institute of Technology,Ionavla,Pune	22/07/2021 to 24/07/2021
		National Faculty Development Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics) Revised Syllabus 2019 course for the subject Cellular Network	Maratha Vidya Pratishthan samaj'S Karmveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik	27/01/2022 to 29/01/2022

18.	Prof Y. R. Dhumal	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
		National Faculty Deveopment Program on,Deep Learning for Natural Language Processing	AICTE Training and Learning (ATAL) Academy New Delhi and Bhilai Institute of Technology Durg.	15/11/2021 To 19/11/2021
		National Faculty Deveopment Program on, "Exploring Machine Learning and Deep Learning Algorithms for Natural Language Processing (NLP) Applications"	AICTE Training and Learning (ATAL) Academy New Delhi and Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology.	22/11/2021 To 26/11/2021
19.	Prof.R.J.Sapkal	Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Database Management	Dr.D.Y.Patil Institute of Technology,Pune	22/07/2021 to 24/07/2021
		National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Digital Image Processing	JSPM's Technical Campus,Pune	31/01/2022 to 02/02/2022



20.	Prof.S.V.Shelke	Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Database Management	Dr.D.Y.Patil Institute of Technology,Pune	22/07/2021 to 24/07/2021
		National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Sensor in Automation	JSPM's Bhivrabai Sawant Institute of Technology and Research,Pune	31/01/2022 to 02/02/2022
21.	Prof.A.B.Vitekar	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
22.	Prof.K.D.Mahajan	4th International Conference on Ideas, Innovations, Impact in Science and Technology	Smt. Kahibai Navale College of Engineering, Pune	17/06/2021
		National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
23.	Prof.V.V.Gaikwad	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
24.	Prof.R.M.Shamalik	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
25.	Prof.A.P.Yadav	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and	8/11/2021 to

25.	Prof.A.P.Yadav	National Faculty Deveopment Program on Machine Learning	AICTE Training and Learning (ATAL) Academy and BVCOEW,Pune	8/11/2021 to 12/11/2021
		Faculty Orientation Workshop on TE(E&TC/Electronics ) Revised Syllabus 2019 course for the subject Digital Communication	Army Institute of Technology,Pune	22/07/2021 to 24/07/2021
		Faculty Development Program on "Advancements in Artificial Intelligence (AI) and Machine Learning(ML)"	Department of the oxford College of Engineering ,Banglore	12/07/2021 to 17/07/2021
		Faculty development Program on Computer Vision and Deep Learning	Marathwada Mitra mandal's College of Engineering ,Pune	28/03/2022 to 1/4/2022

● **STAFF CONTRIBUTION:**

Sr. No.	Name of the Staff	Type of contribution	Organized by	Date
1	Prof. Dr. S.R. Patil	Session chair for VLSI-embedded System Track at "ePGPEX-2022"	KJ's Educational Institute Trinity College of Engineering and Research ,Pune	23/06/2022
2	Prof. Dr. S.S. Chorage	Delivered expert talk on “Random Processes & Noise” in a 3 day Online Faculty Orientation Workshop on TE(E&TC) Revised Syllabus 2019 Course Under the Aegis of BoS (E&TC); SPPU, Pune for the Subject Digital communication	AIT, Pune.	22/07/2021 to 24/07/2021



		Has read IETE President's message 68th IETE foundation day celebration 2021	The institution of Electronics and Telecommunication Engineers (Pune Centre ),Pune	27/11/2021
		Judge for International Level Project Exhibition Cum Competition " on 18th April 2022	MIT - School of Engineering	14/04/2022
3	Prof. Dr. V.R. Pawar	External Examiner for Oral/Practical Examination F.Y. M.Tech E&Tc VLSI Design and Embedded Systems 2020-21 Odd semester (I) for the course Professional Core Lab-I	Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering Pune – 411 044	19/04/2021
		External expert for the PhD progress presentation-II	PICT, Pune	17/08/2022
		Appreciation for the role of Session Chair in 2021 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON)	AISSMS COE, Pune	29/10/2021 to 30/10/2021
		Worked as a reviewer in 2nd National Conference on Innovation in Engineering and Technology (NCIET 2022)	AISSMS College of Engineering, Pune on	20/05/2022
		Appreciation certificate for Resource Person in "Faculty Orientation Workshop on TE (E&TC) Revised Syllabus 2019 Course" for subject DIGITAL SIGNAL PROCESSING (Elective-1)	MODERN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING,PUNE	26/07/2021 to 28/07/2021

4	Prof. S. A. Itkarkar	Appreciation certificate for attending Symbol of Knowledge by Rajendra Singhji	AISSMS,Pune,NSS Pune and SPPU,Pune	11/06/2021
		Delivering an expert Lecture on Unit-V: Display devices, Recorders and counter/Timer of Elective-I: Electronics Measurement in the subject of TE (E&TC) 2019 course in the Faculty Orientation Workshop held under the aegis of BoS (E&TC) for TE E&TC 2019 Course	JSPM's Jaywantrao Sawant college of Engineering,Pune	30/08/2021
		Appreciation certificate for the valuable contribution in the syllabus designing/framing of the subject Electronics Measurements as a Team Member at TE (E&TC) Syllabus Revision 2019 Course,	BoS (Electronics & Telecommunication Engineering), Savitribai Phule Pune University,Pune	30/8/2021
		Token of appreciation in contribution for Elective-I: Electronics Measurement in the subject of TE (E&TC) 2019 course	JSPM's Jaywantrao Sawant college of Engineering,Pune	28/07/2021
		Appointed as NSS Coordinator for A.Y. 2021-22	SPPU ,Pune	12/03/2021
		National Integration Camp : COIMBATORE	SAVITRIBAI PHULE PUNE UNIVERSITY, NATIONAL SERVICE SCHEME, COIMBATORE	18/15/22 to 24/05/22
5	Prof. Dr. S. L. Kore	Participate in PhD interview as an adjunct guide at VIIT	Vishwakarma Institute of Information Technology,Pune	26/10/2021
		Allocation of two research scholars for PhD program at VIIT research centre	Vishwakarma Institute of Information Technology,Pune	14/02/2022

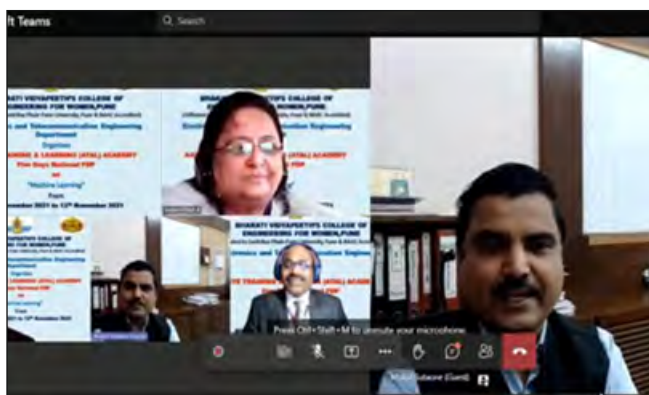


6	Prof.R.M.Shamlik	External subject expert for lab examination in subject of Processor Architecture Lab	Vishwakarma University,Pune	21/01/2022
		External subject expert for lab examination in subject of Data Acquisition System Lab	Vishwakarma University,Pune	20/05/2022

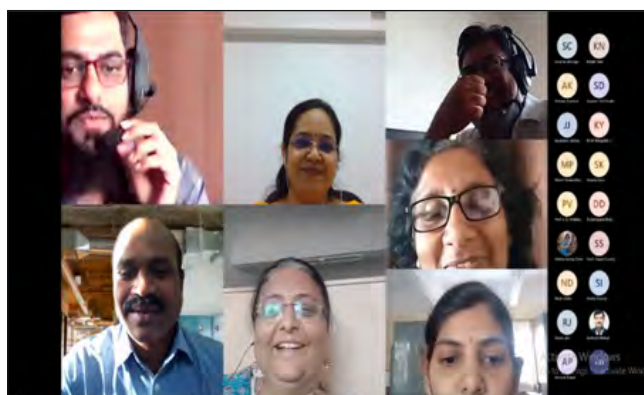
## DEPARTMENTAL ACTIVITIES:

### ACTIVITIES ORGANIZED FOR THE STAFF:

Sr. No.	Name of the activity	Name of the Coordinator	Resource person	Date
1	Five day's National level Faculty Development Program (FDP) on "Machine learning" UNDER AICTE Training & Learning (ATAL) Academy	Prof. Dr. S. R. Patil Co-ordinator Prof. S. T. Khot Co-coordinator Prof.(Dr.)V. R. Pawar Co-coordinator	Prof. Dr. Sachin Gengaje, Professor and Head, Elex Dept. WIT Solapur  Prof. Dr. Mousami V. Munot, Associate Professor, E&TC Dept., PICT, Pune  Dr.Yogesh Dandwate, Professor, E&TC Dept., VIIT, Pune  Dr. Bhushan Garware, Data Scientist, Persistent Systems Ltd., Pune	08/11/2021 to 12/11/2021
2	Webinar on CoPo mapping	Prof. S. T. Khot	Prof.Dr. Mousami Vanjale, IQAC coordinator ,AISSMS IOIT	26/11/2021



Inaugural program of ATAL FDP on, "Machine Learning"



Webinar on "Co-Po mapping"

**ELECTRONICS & TELECOMMUNICATION STUDENTS ASSOCIATION (ETSA)  
ACTIVITIES:**

Sr. No	Name of the activity	Class	Resource Person details	Date
1.	Webinar on "Your study abroad Journey	TE, BE	Mr. Omkar Kargar IDP education	12/08/2021
2.	Webinar on "Benefits and career opportunities with GATE "	TE, BE	Mr. Akash Pushkar, The GATE Academy	14/08/2021
3.	Online Chess competition	SE, TE, BE	Mr. Sohail Shaikh, Kalyan, Bhiwandi	22/08/2021
4.	Teacher's Day celebration	SE, TE, BE	Prof. P.R. Sonawane, AIT, Pune	6/09/2021
5.	Webinar on "How to prepare for Campus Interviews"	TE	Cimy Thomas, Trainer, FACE	17/09/2021
6.	Webinar on "How to Plan for Start-up and Legal & Ethical Steps"	SE, TE, BE	Prof. Makarand Velankar, MKSSS's Cummins College of Engg. for women, Pune.	28/09/2021
7.	International Webinar on, "A Journey of an entrepreneur : Local to Global "	TE, BE	Mr. Amit Savargaonkar, Co-founder Glasban Limited, Ireland	8/10/2021
8.	Webinar on "Fitness and well-being for young generation"	SE	Dr. Kavita Kholgade, Managing Director. Kavita Sports and Fitness, Nashik	9/10/2021
9.	Webinar on "Developing Skill to grab Career opportunities"	SE & TE	Prof. Swati More, Central head of training and placement department of modern college of engineering, Pune	20/10/2021
10.	Webinar on "Recent Trends in Campus Placements and Expectation from Freshers"	SE & TE	Prof. Prasad Muley Director, Corporate Relations- Training & Placement, Shivajirao Kadam Institute of Technology & Management	20/10/2021
11.	Webinar on "Impact of Social Media on Internships & placements"	SE & TE	Prof. Sudarshan Sutar, TPO, D. Y. Patil group of Institutes, Kolhapur	21/10/2021
12.	Webinar on "Creating competitive Culture for Better Placement"	SE & TE	Mr. Manoj Khaladkar, Trainings and Placement, Army Institute of Technology, Pune	21/10/2021
13.	Webinar on "Effective use of different platform for upskilling and Job Opportunities"	SE & TE	Prof. Sandip Magdum, Head of Trainings and Placement, Army Institute of Technology, Pune	22/10/2021



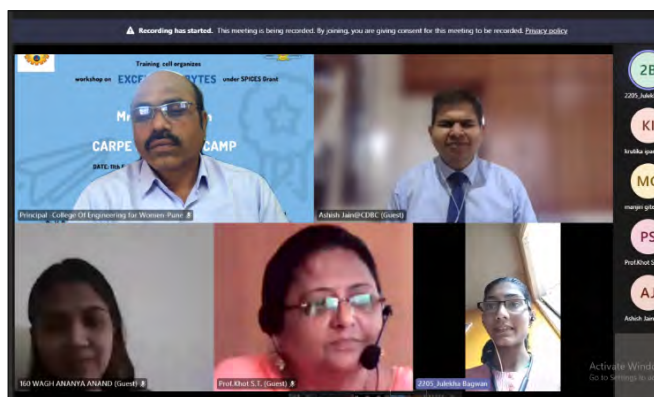
14.	Webinar on “Resume Writing Skills”	SE & TE	Prof. Dheeraj Agarwal, Dean Industry Institute Interaction and Training and Placement Officer, Dr.D.Y.Patil Institute	22/10/2021
15.	Webinar on “Framework for technology driven social Innovation”	SE, TE, BE	Prof. Dr. Sunita Dhotre, Associate Professor,BVDUCOE	29/10/2021
16.	Workshop on “Electronic Skill Development”	SE	Mr. Abhijeet Deogirikar, Founder & CEO, Yogesh Yewale, Copper Cloud IoTech Pvt Ltd	3/01/2022 to 02/02/2022
17.	Workshop on Excellent Bytes	TE & BE	Mr. Ashish Jain, Carpe Diem Boot Camp	11/02/2022
18.	Workshop on Excellent Bytes	FE & SE	Mr. Ashish Jain, Carpe Diem Boot Camp	15/02/2022
19.	Webinar on “Awareness Program on Sexual Harassment and Prevention Guidelines”	FE	Vaishali Tikale , Advocate, Mumbai High Court	26/02/2022
20.	Webinar on “Design Thinking, Critical Thinking and Innovation Design	TE	Prof. Dr. N. J. Uke, Trinity Academy of Engineering (TAE)	02/03/2022



Webinar on “Benefits and career Opportunities with GATE” by Mr.Akash Pushkar



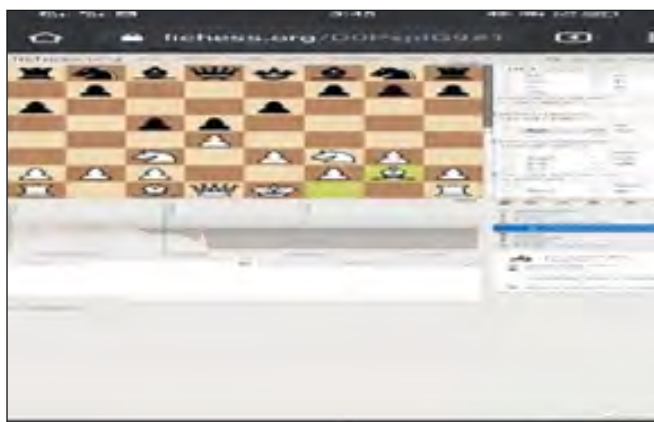
Webinar on “A Journey of an entrepreneur : Local to Global” by Mr. Amit Savargaonkar



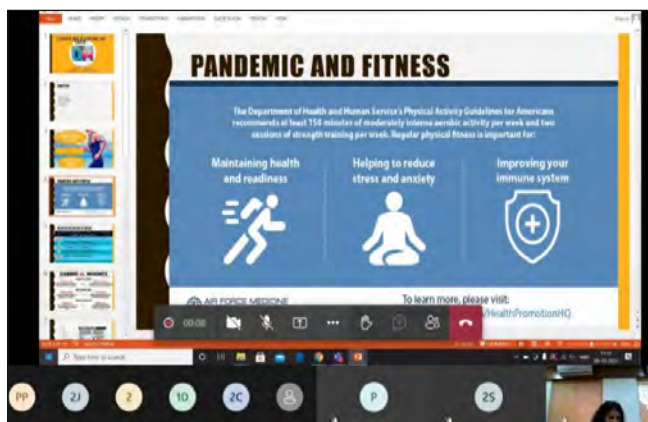
Webinar on “Excellent Bytes” by Mr. Ashish Jain



Workshop on “Electronic Skill Development” by Mr. Abhijeet Devgirikar



"Online Chess Competition " Judged by  
Mr. Sohail Shaikh



Webinar on "Fitness and well-being for young  
generation" by Ms.Kavita Kholgade

### Programs conducted by IEI & IETE

Sr. No.	Name of the activity	Resource Person details	Date
1.	Webinar on Benefits & opportunities of Professional Students' Chapter.	Prof. Nitin Mawale, AISSMS COE	17/12/2021

<p><b>Key Points to Remember</b></p> <ul style="list-style-type: none"> <li>➤ Proper and Strong Documentation</li> <li>➤ Reporting to HQ Kolkata Time to time</li> <li>➤ Always try for News Publications in IE(I) News Letter</li> <li>➤ Start e-News Letter of Students' Chapter (Monthly or Tri-monthly)</li> <li>➤ Website of Students' Chapter (Google Website: Free)</li> <li>➤ Upload Event Photographs on Website regularly</li> <li>➤ Start Technical Wall Magazine of Students Chapter (Monthly)</li> </ul>	
<p><b>Webinar on Benefits &amp; opportunities of Professional Students' Chapter. conducted by IEI by Prof. Nitin Mawale, AISSMS COE</b></p>	

### MEMORANDUM OF UNDERSTANDING (MoU):

Sr.No.	Organization with which Agreement/MoU is signed	Year of signing Agreement/ MoU	Duration
1	MAGNAM Solutions	2018	2018-23



**STUDENT ACHIEVEMENT:****STUDENT ACHIEVEMENTS (TECHNICAL EVENTS)**

Sr. No.	Name of Activity	Total No. of Students
1	Project Competition	82
2	Paper Presentation	18
3	Webinar	10
4	internship	21
5	Workshop	35
	<b>Total</b>	<b>166</b>

•Ms. Neha Kadam, Ms. Priyanka Kalambarkar, Ms. Shilpa Joshi under the guidance of Mr. R. M. Shamalik received Best paper (Gold) award for the paper entitled “Hand Gesture recognition system” presented in National Conference on Next Generation Intelligence in Electronics and Communication Engineering(NGIEC) through Digital Platform on 8-9 July 2021.

**STUDENT ACHIEVEMENTS (NON TECHNICAL EVENTS)**

•Ms. Preeti Rajaram Tarate has been selected for the National Integration Camp under National Service Scheme organised by Government of India, Ministry of Youth Affairs and Sports, Chennai and NSS Regional Directorate held at Bharathiar University, Coimbatore, Tamil Nadu from 18th May 2022 to 24th May 2022.

**INTERNSHIP/VOCATIONAL/INDUSTRIAL TRAINING**

Sr. No.	Name of the student	Company Name	Duration	Sr. No	Name of the student	Company Name	Duration
1	Aachal Jaiswal	Technical Coding Research Innovation	1 month	11	Ankita Beldare	Elon power	1.2 months
2	Aakanksha Tawale	Brainovision	6 weeks	12	Anushka Sarpate	Aashay Measurements Private Limited	6 weeks
3	Aarti Swami	Internship Studio	1 month	13	Arati Pachavadekar	Technical Coding Research Innovation	2 months
4	Aditi Rokade	Pantech Solutions	1 month	14	Ashwini Suryawanshi	Let's grow more	1 month
5	Adya Pathak	DIY intern	6 weeks	15	Bhagyashri Vannale	Internshala	8 weeks
6	Aishwarya Sunil Hatkar	1Stop	4 month	16	Bhagyashree Barmade	Internshala platform	2 month
7	Akshata Chavan	BranOvision	1 month	17	Bhargavi Wadkar	TCR Innovation	6 weeks
8	Amita Pudale	Smartknower	2 month	18	Bhavana Khaire	MWell software solution pune	1month
9	Amruta Bakare	TCR INNOVATION	2 month	19	Disha Kamthe	Elon Power	5 weeks
10	Anisha Gadade	TCR INNOVATION	2 month	20	Divyanshi Mishra	Personify	2 months

Sr. No	Name of the student	Company Name	Duration	Sr. No	Name of the student	Company Name	Duration
21	Diya Jituri	Dolphin Labs	1.2 Months	41	Poonam Pise	Elon Power	6 weeks
22	Gauri Jadhao	Pantech E Learning Pvt Ltd, Chennai	1.2 months	42	Poonam Dolare	Bit-advance processing pvt. Lmt.	2 months
23	Geetanjali Dnyanoba Gutte	Dolphin Labs	4 Weeks	43	Pragati Ghorpade	TCR	2 month
24	Isha rathod	Linkcode technology	2 months	44	Prajakta Sawale	Let's Grow more	1 month
25	Ishika Bhiogade	Sunflag iron steel company pvt ltd	1 month	45	Prajakta Thakare	Ellon powers	6 weeks
26	Janhavi Jadhav	TCR INNOVATION	2 Months	46	Pranali Yeole	Elon Power	1 Month
27	Janhvi Morey	Elon private limited	6 weeks	47	Pranavi Kushire	Two waits	1 month
28	Jayashree Ghogare	TCR Innovation	2 months	48	Pranita Patil	Akshay Embedded Systems	1 month
29	Jayasmita Saha	Pantech Solutions	1 month	49	Pranjal Koli	Microsoft	3 months
30	Jidnyasa Madhukar Bhoge	Tcr Innovation	2 Months	50	Preeti Vishwakarma	Elon power	January 2022- February 2022
31	Komal Todkari	Brain O Vision	1Month	51	Radh Kure	Brain O Vision	1Month
32	Madhvi Sonone	Oasis Infobytes	1 months	52	Radhika Deshpande	Personifwy	3 months
33	Mitali Waghmode	TCR innovative and smartknower	2 months	53	Radhika Ajabe	Twowaits technologies	1 month
34	Mrunal Jahagirdar	Brainovision Solution pvt.ltd	1.15 month	54	Rajnandini Kathare	Brain O Vision	1 Month
35	Muskan Kandhway	Techchefz	6 weeks	55	Revati Gajbhar	Personifwy	1.2 months
36	Neha Chorghe	Brainovision solutions(India)	1 month	56	Rucha Bagad	BrainOvision Solutions.Pvt.Ltd	5weeks
37	Neha Rawat	TCR Innovation	2.5 Months	57	Ruchali Khartad	Pantech Labs and solutions	1 month
38	Niharika Nikose	Twowaits	1 month	58	Rushika Dharne	Let's Grow more	1 month
39	Pooja Gophane	Brain O Vision	1.2 months	59	Rutika Pawar	Internshala	2 month
40	Pooja mule	Internshala training	8week	60	Rutuja Suryawanshi	Akshay embedded system pvt.ltd	6 weeks



Sr. No	Name of the student	Company Name	Duration	Sr. No	Name of the student	Company Name	Duration
61	Rutuja Waghmare	Elon Power	1.2 months	76	Snehal Shitole	Internshala Internship Training (Online)	2 Months
62	Rutuja Patil	Brainovision pvt limited	1.2 months	77	Sonali Dhage	Pantech Solutions	1 month
63	SAKSHI RAUT	Aashay Measurements Pvt. Ltd.	6 weeks	78	Srushti Burhade	TCR innovation	3 months
64	Saloni Konge	TCR Innovations	2 months	79	Srushti Halge	Pantech Solutions	1 month
65	Sayali Patil	1 Stop.ai associated with IIT Bombay (Personify)	3 months	80	Supriya pawar	Ashay measurements private limited company	4 week . 1 month
66	Sfuri Musmade	Dolphin lab	4 weeks	81	SURKUTLA WAR KANCHAN	Internshala training	2 months
67	Sharyu Vidhale	Brainovision	6 weeks	82	Tabassum Pathan	Internshala institute	6 weeks
68	Shreya Jadhav	Technical Coding Research Innovation	2 months	83	Tanushree Desale	1stop.ai in association with IIT Bombay (Personify)	3 Months
69	Shruti Sarode	Internship Studio	5 weeks	84	Tejas takalkar	Corona control system LLP	6 week
70	Shrutika Pawar	Personify	4 months	85	Vaibhavi Waghmode	Dolphin lab	4 week
71	Shubhangi Nagthane	Ashay PVT Limited , Varje	6 Weeks	86	Vaishnavi Khulpe	Pantech	1 month
72	Shweta Kalgapure	Technical Coding and Research Innovation	2 months	87	Vaishnavi Biradar	TCR Innovation	2 months
73	Shweta Kamble	1 stop	4 months	88	Vaishnavi Harne	Internshala	6 weeks
74	Singh Esha	Ellon power	1 month	89	Vanshika Sable	Oasis Infobyte	1. months 4 weeks
75	Snehal Pawar	Ellon Power	1 months	90	Vidhi Agrawal	Lets Grow More Company(Data Science)	1 Months

\*\*\*\*CONGRATULATIONS\*\*\*\*  
LIST OF COLLEGE TOPPERS (UNDERGRADUATE)



**Ms. Megha Argade**  
B.E.E&TC(9.43CGPA)



**Ms. Madhura Mirikar**  
B.E.E&TC (9.39 CGPA)



**Ms. Anupriya Kumari**  
B.E.E&TC (9.37CGPA)



**Ms. Khushboo Rathi**  
B.E.E&TC (9.37CGPA)



**Ms. Anisha Gadade**  
T.E.E&TC(9.74SGPA)



**Ms. Disha Kamthe**  
T.E.E&TC(9.64SGPA)



**Ms. Preeti Vishwakarma**  
T.E.E&TC(9.64SGPA)



**Ms. Radika Deshpande**  
T.E.E&TC(9.62SGPA)



**Ms. Hrucha Gohad**  
S.E.E&TC(9.37SGPA)



**Ms. Gayatri Ghadge**  
S.E. E&TC ( 9.07SGPA)



**Ms. Sakshee Pawar**  
S.E.E&TC (9.05 SGPA)



# INFORMATION TECHNOLOGY



**Prof. Dr. D. A. Godse**  
M.E., Ph.D. (Computer Engg.)  
Head, Department of Information Technology

## ABOUT DEPARTMENT:

Department of Information Technology (IT) was established in the year 2000-2001. The department has an intake of 60 students and has experienced, enthusiastic and dedicated team of faculty members expertise in various fields of Information Technology. Many technical symposiums, industrial visits, seminars, workshops and curricular, co-curricular, extra- curricular activities are organized by the department to make the students self-sustaining in the competitive world.

## DEPARTMENT VISION:

Globally competent women engineers through excellence in IT education.

## DEPARTMENT MISSION:

- Develop requisite skills and competencies in the field of IT.
- Groom students for responsible and rewarding careers in the field of IT.
- Build confidence and personality development through curricular, co-curricular and extra-curricular activities.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

1. To understand scientific, mathematical and theoretical foundations of information technologies to address the technological challenges.
2. To possess knowledge and skills in the field of computer engineering and information technology required for higher education, entrepreneurship and IT industry.
3. To acquire good communication/soft skills, presentation, and team work leading to competent professionals to solve multidisciplinary problem with user centric approach.
4. To develop conscience of ethical practices and commitment towards societal contributions through lifelong learning.
5. To acquaint with modern tools and technologies to enrich novel ideas.

**PROGRAM SPECIFIC OUTCOMES (PSOs):**

Upon successful completion of UG course in Information Technology, the Graduates will be able to attain following Program Specific Outcomes:

1. Graduates will possess knowledge of IT infrastructure, data management systems, networking and security.
2. Graduates will be able to understand and apply algorithmic techniques and programming skills for providing software solutions in the IT industry.
3. Graduates will be capable of acquiring and demonstrating technical competencies in emerging technologies of Information Technology.

**PROGRAM OUTCOMES (Pos):**

Graduates of IT program will be able to attain,

1. Engineering knowledge: Apply the knowledge of mathematics science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.





## **SWOC ANALYSIS:**

### **STRENGTHS:**

1. Qualified, experienced and dedicated staff with a good faculty retention ratio.
2. Well-equipped Laboratories.
3. Faculty members are involved in design, development and implementation of curriculum in the Board of Studies of affiliating universities.
4. Effective use of ICT in teaching learning process.
5. Assistance by staff members for counseling and mentoring of the students.
6. Efficient Academic monitoring.
7. Encouragement to the students for implementing research projects.

### **WEAKNESSES:**

1. Inadequate consultancy services.
2. Refinement in aptitude and communication skills for students.
3. Modest employability.
4. Few research publications in peer reviewed international journals have a high impact factor.

### **OPPORTUNITIES:**

1. Promotion for Ph. D.
2. Conduction of FDP and STTP.
3. Organization of national/international conferences and value addition programs.
4. Motivation for sponsored projects.

### **CHALLENGES:**

1. Better Placement in companies.
2. Intensify industry and institute interaction.
3. Establishing apprehension about employment opportunities in IT.
4. Promoting involvement in the summer school and industry internship.
5. Efficacious participation of alumni for strengthening the department.
1. Better Placement in companies.
2. Intensify industry and institute interaction.
3. Establishing apprehension about employment opportunities in IT.
4. Promoting involvement in the summer school and industry internship.
5. Efficacious participation of alumnae for strengthening the department.

**DEPARTMENT ADVISORY BOARD (DAB):**

Sr. No.	Name of the Member	Details	Email Id
1	Prof. Dr. S.R. Patil	I/C Principal	<a href="mailto:sandeep.patil@bharativedyapeeth.edu">sandeep.patil@bharativedyapeeth.edu</a> , <a href="mailto:srpatil44@gmail.com">srpatil44@gmail.com</a>
2	Prof. Dr. D.A.Godse	Head of Dept.	<a href="mailto:deepali.godse@bharativedyapeeth.edu">deepali.godse@bharativedyapeeth.edu</a> , <a href="mailto:dipagodse@gmail.com">dipagodse@gmail.com</a>
3	Dr. S. A. Mahajan	BOS(IT) member SPPU	<a href="mailto:s28.mahajan@gmail.com">s28.mahajan@gmail.com</a>
4	Prof. S. A. Hadke	Senior Faculty Member	<a href="mailto:seema.hadke@bharativedyapeeth.edu">seema.hadke@bharativedyapeeth.edu</a> , <a href="mailto:hadkeseema@gmail.com">hadkeseema@gmail.com</a>
5	Prof. S.A. Sagar	Faculty Member	<a href="mailto:swati.sagar@bharativedyapeeth.edu">swati.sagar@bharativedyapeeth.edu</a> , <a href="mailto:swatisagarbvcoew@gmail.com">swatisagarbvcoew@gmail.com</a>
6	Mr. Ashish Govilkar	Industry Persons	<a href="mailto:ashishgovilkar2006@gmail.com">ashishgovilkar2006@gmail.com</a>
7	Mr. Amar Kumbhar		<a href="mailto:amar.kumbhar@gmail.com">amar.kumbhar@gmail.com</a>
8	Ms. Shweta Rajoria	Alumnae Representative	<a href="mailto:rajoriashweta@gmail.com">rajoriashweta@gmail.com</a>
9	Ms. Akshita Chauhan		<a href="mailto:Akshitachauhan07@gmail.com">Akshitachauhan07@gmail.com</a>
10	Mrs. Jyoti Patil	Parent Representative	<a href="mailto:Jyotipatil7973@gmail.com">Jyotipatil7973@gmail.com</a>
11	Ms. Yutika Vora	Student Representatives	<a href="mailto:vorayutika@gmail.com">vorayutika@gmail.com</a>
12	Ms. Prachi Kaladeep		<a href="mailto:prachikaladeep@gmail.com">prachikaladeep@gmail.com</a>

**PROGRAM ASSESSMENT COMMITTEE:**

Sr. No.	Name of the Member	Details	Email Id
1	Prof. Dr. D. A. Godse	Program Coordinator	<a href="mailto:deepali.godse@bharativedyapeeth.edu">deepali.godse@bharativedyapeeth.edu</a> , <a href="mailto:dipagodse@gmail.com">dipagodse@gmail.com</a>
2	Prof. M.A. Rane	T & P Coordinator	<a href="mailto:mugdha.rane@bharativedyapeeth.edu">mugdha.rane@bharativedyapeeth.edu</a> , <a href="mailto:ranemugdha@gmail.com">ranemugdha@gmail.com</a>
3	Dr. K. A. Malgi	Industry-Institute Cell Coordinator	<a href="mailto:ketaki.naik@bharativedyapeeth.edu">ketaki.naik@bharativedyapeeth.edu</a> , <a href="mailto:ketakin@gmail.com">ketakin@gmail.com</a>
4	Prof. S.A. Sagar	In-charge Co-curricular Activities	<a href="mailto:swati.sagar@bharativedyapeeth.edu">swati.sagar@bharativedyapeeth.edu</a> , <a href="mailto:swatisagarbvcoew@gmail.com">swatisagarbvcoew@gmail.com</a>
5	Prof. K. V. Patil	Result Analysis Coordinator	<a href="mailto:kamlesh.patil@bharativedyapeeth.edu">kamlesh.patil@bharativedyapeeth.edu</a> , <a href="mailto:kambpatil@gmail.com">kambpatil@gmail.com</a>



## INDUSTRY INSTITUTE INTERACTION COMMITTEE:

Sr. No.	Name of the Member	Details	Email Id
1	Prof. Dr. D. A. Godse	Program Coordinator	<a href="mailto:deepali.godse@bharativedyapeeth.edu">deepali.godse@bharativedyapeeth.edu</a> , <a href="mailto:dipagodse@gmail.com">dipagodse@gmail.com</a>
2	Mr. Aniket Vanarase, SAS R & D	Industry Members	<a href="mailto:aniket.vanarase@gmail.com">aniket.vanarase@gmail.com</a>
	Mrs. Pallavi Ghorpade, VISPL		<a href="mailto:pallavikhopade28@gmail.com">pallavikhopade28@gmail.com</a>
	Mr. Tabish Shaikh, Springer Nature		<a href="mailto:Shams4u_7@hotmail.com">Shams4u_7@hotmail.com</a>
3	Dr. K. A. Malgi	Industry Institute Cell Representatives	<a href="mailto:ketaki.naik@bharativedyapeeth.edu">ketaki.naik@bharativedyapeeth.edu</a> , <a href="mailto:ketakin@gmail.com">ketakin@gmail.com</a>
	Prof. A. D. Khairkar		<a href="mailto:ashwini.khairkar@bharativedyapeeth.edu">ashwini.khairkar@bharativedyapeeth.edu</a> , <a href="mailto:ashkhairkar@gmail.com">ashkhairkar@gmail.com</a>

## FACULTY INFORMATION (TEACHING):

Sr. No.	Name of Staff Member	Designation	Qualification	Exp. (Yrs. & months.)
1	Prof. Dr. D. A. Godse	Prof. & Head	Ph.D. Comp. Engg.	29 Years 8 Months
2	Dr. K. A. Malgi	Assoc. Prof.	Ph.D. Computer Science & Engg.	21 Years 1 Months
3	Mrs. S. B. Dhuttargi	Asst. Prof.	M.E. Computer	22 Years 10 Months
4	Ms. M. A. Rane	Asst. Prof.	M. Tech. Computer	15 Years 10 Months
5	Ms. S. A. Sagar	Asst. Prof.	M.E. Computer	15 Years 4 Months
6	Mrs. S. A. Hadke	Asst. Prof.	M.E. I.T.	17 Years 4 Months
7	Ms. A. D. Khairkar	Asst. Prof.	Ph. D. Computer Engg. Pursuing	13 Years 10 Months
8	Ms. A.V. Kanade	Asst. Prof.	M. Tech. I.T.	13 Years 10 Months
9	Mr. S. S. Thite	Asst. Prof.	Ph.D. Information Technology (Pursuing)	14 Years
10	Ms. N. A. Mulla	Asst. Prof.	Ph.D. Computer Engg. (Pursuing)	14 Years 10 Months
11	Mr. K. V. Patil	Asst. Prof.	M. Tech. Computer	5 Years 5 Months

**FACULTY INFORMATION (NON-TEACHING):**

Sr. No.	Name of Staff Member	Designation
1	Mr. S.N. Chavare	Senior Technology Support Engineer
2	Mr. A. S. Gaikwad	Lab Assistant
3	Mr. C. J. Kamble	Clerk

**DEPARTMENT INFRASTRUCTURE:**

Lab Name	Operating System Installed	Software Installed
Network Laboratory	Mint	JDK, MYSQL, Mongo DB, OpenGL
Operating System Laboratory	Windows 10 and Mint 19.1	MS Office 2013, MYSQL, JDK, Hadoop, Mongo DB, Python, Quick Heal Professional 9.2
System Laboratory	Windows 8, Linux Mint 19.1	GCC Compiler with OpenGL, JDK 8, PHP, Eclipse Oxygen, Net Bean 8.0
Software Laboratory	Windows 7, Ubuntu 15.04	Packet tracer 6.0, MS office 2013, MYSQL, JDK, Mongo DB, Jupyter Notebook
Language Laboratory	Windows 10	DLM Language Lab software (Premium), Microsoft office 2013, TC, Tasm, Xilink, MP Lab.
Hardware Laboratory	Windows 10	Microsoft Office 2013, TC, Tasm, Xilink, MP Lab.

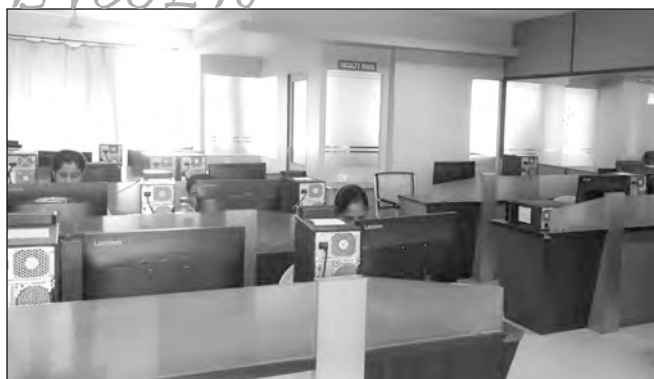
**LABORATORIES:**

Network Laboratory



Operating System Laboratory





System Laboratory



Software Laboratory



Language Laboratory



Hardware Laboratory

## DEPARTMENT LIBRARY DETAILS:

IT Department runs a department library for the students in addition to the central library. The library also has the set of university question papers of all the subjects. The staff and students of IT department can avail the facilities of the library.

Sr. No.	Library details	
1	No. of Volumes	480
2	No. of Titles	292

## RESEARCH AND DEVELOPMENT ACTIVITIES:

### PAPER PUBLICATIONS:

Sr. No.	Name of the Author	Title of the Paper	Name of the Journal / Conference
Staff Publications			
1	Dr. Sandip S. Thite	A Session Key Based Security Mechanism for Cyber Physical System	Recent Trends in Intensive Computing (Advances in Parallel Computing)
Collaborative Publications			

2	Kajal Jha ,Tripti Rai, Anisha Waghmare , Dr. K.B. Naik	Deep Learning Based Covid-19 Detection from CT Images	International Journal of Innovative Research in Science, Engineering and Technology
3	Tejal Adep , Rutuja Nikam, Sayali Wanewe , Dr. Ketaki B. Naik	Visual Assistant for Blind People using Raspberry Pi	International Journal of Scientific Research in Computer Science, Engineering and Information Technology
4	Pooja Varghat, Sanskriti Gaikwad, Sneha Bagade ,Komal Bhosale ,Prof. N.A Mulla	Epileptic Seizure Prediction using EEG Dataset	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)
5	Anjali Singh, Prerana Zamre, Trupti Nalage, Aparna Phadtare, Mrs. Sonali Dhuttargi	Introduction to Determining the Air Quality Index of the City for the Standard Living using Machine Learning Algorithm	Science, Technology and Development Journal
6	S. B. Dhuttargi, Trupti Banne, Arati Khopade, Anjali Kshirsagar, Isha Kulkarni	Security Management for Transaction and KYC using Blockchain Technology	International Journal of Scientific Research in Engineering and Management (IJSREM)
8	Poonam Naik,Gauri Godse,Pooja Prajapati, Prof.A.D.Khairkar	Social Distancing and Face Mask Detection using Deep Learning as Safety measure for COVID-19	Journal of Emerging Technologies and Innovative Research(JETIR)
9	Mayuri Mane, Anita Kamble, Anuradha Bhadrashette, Ms. Mugdha Rane	Credit Card Fraud Detection using Machine Learning	International Journal of Innovative Research in Computer and Communication Engineering
10	Harshada Panhalkar, Rishika Sharma, Neha Sarode, Shruti Patil, Prof. M A Rane	Forecasting System for Water Availability	Journal of Emerging Technologies and Innovative Research
11	Rutuja Kakade, Dharati Jawale, Harshada Jedhe, Akanksha Durugkar, S.A.Sagar	Fake Product Review Detection System Using Machine Learning	Journal of Emerging Technologies and Innovative Research



12	Chaitali Bagal, Harshada Ingle, Himani Jangale, Sneha Shetty, S.A.Hadke	Efficient Clustering for Weather Forecasting using Big Data	GIS Science Journal
13	Sharvari Kadam, Pooja Patil, Pradhyankita Bhasme, Bhavana Kukadeja, S.A.Hadke	Survey on Healthy Diet Recommendation using Data Mining	International journal of innovative research in computer & communication Engineering (IJRCCE)
14	Sharvari Kadam, Pooja Patil, Pradhyankita Bhasme, Bhavana Kukadeja, S.A.Hadke	Collaborative filtering approach over healthy diet recommendation system	Journal of emerging technologies and innovative research(JETIR)
15	A. V. Kanade, Khushbu Mahajan, Mansi Ekkaldevi, Shraddha Shete, Priyanka Sirsula	Prediction of Recipes from Food Images Using Image Processing and Machine Learning	International Journal of Scientific Research in Engineering and Management (IJSREM)
16	A. V. Kanade, Mayuri Jadhav, Anushka Jadhav, Mayuri Kulkarni, Durga Nanware	Prediction of Skin Diseases Using Machine Learning	Journal of Emerging Technologies and Innovative Research (JETIR)
17	K. V. PATIL, Arti Bhut,Rutuja Jagtap,Mrunmayi Patil,Akansha Dhumal	Fake News Detection Using Logistic Regression	Science, Technology and Development Journal
18	Dr. D. A. Godse, Mayuri Bhosale, Pratibha Balge, Aditi Thorat	Seed Sowing Robot	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
		<b>Student Publications</b>	
19	Isha Adkane Mukta Ingole Payal Taralekar Prajakta Waddepalli	Online Voting System	Journal of Emerging Technologies and Innovative Research

**STAFF ACHIEVEMENTS:**

- Prof. Dr. Sandip Thite has completed Ph.D. in Information Technology with the title of “Design and Development of Security algorithm for Cyber Physical System to prevent Cyber-attacks” from Bharati Vidyapeeth (Deemed to be University), Pune on 27th April, 2022.
- Following Staff members have completed NPTEL (National Programme on Technology Enhanced Learning) certification Course.

Sr. No.	Name of Staff	Course Name	Score	Certificate	Achievement
1	Prof. A. D. Khairkar	NPTEL Online Certification for completing the course "The Joy of Computing using Python"	70%	Elite	Successfully completed
2	Prof. K.V.Patil	NPTEL Online Certification for completing the course "Computer Network and Internet Protocol"	52%	-	Successfully completed

**STAFF PARTICIPATIONS:**

Sr. No.	Name of the Staff Member	Name of Event	Organized by	Date
1	Prof. A. D. Khairkar	NPTEL-AICTE Faculty Development Programme of course "The Joy of Computing using Python"	NPTEL -AICTE Funded by the Ministry of HRD, Govt. of India, IIT Madras	January 2021 to April 2021 (Exam Date : 23/08/2021)
2	Prof. K.V.Patil	NPTEL Faculty Development Programme of course "Computer Network and Internet Protocol"	NPTEL -AICTE Funded by the Ministry of HRD, Govt. of India, IIT Madras	January 2021 to April 2021 (Exam Date : 23/08/2021)
3	Prof. K.V.Patil	NPTEL Online Certification for completing the course "Computer Network and Internet Protocol"	NPTEL Online Certification Funded by the Ministry of HRD, Govt. of India, IIT Kharagpur	January 2021 to April 2021 (12 weeks course)



4	Prof. M. A. Rane	One Week FDP on "Data Science and Artificial Intelligence"	Marathwada Mitra Mandal's College of Engineering, Pune. Dept. of Information Technology	26th July 2021 to 30th July 2021
5	Prof.S.A.Hadke	One Week FDP on "Data Science and Artificial Intelligence"	Marathwada Mitra Mandal's College of Engineering , Pune. Dept. of Information Technology	26th July 2021 to 30th July 2021
6	Prof. A. D. Khairkar	One Week FDP on "Data Science and Artificial Intelligence"	Marathwada Mitra Mandal's College of Engineering , Pune. Dept. of Information Technology	26th July 2021 to 30th July 2021
7	Prof.S.A.Hadke	FOP on the new Curriculum for TE - IT(2019 Course) for the Subject "Human Interaction & Human Computer Interaction Laboratory"	Pune Institute of Computer Technology, Pune . Department of Information Technology in association with BOS-IT,SPPU,Pune	27th July 2021
8	Prof. M. A. Rane	FOP on the new Curriculum for TE - IT(2019 Course) for the Subject "Design and Analysis of Algorithm & Laboratory"	Dr. D. V. V. P College of Engineering, Ahmednagar. Department of Information Technology in association with BOS-IT,SPPU,Pune	28th July 2021
9	Prof. A.V.Kanade	Advanced Database Management System and Laboratory Practice- I (ADBMS)	Anantrao Pawar College of Engg. & Research, Pune	29th July 2021

10	Prof. M. A. Rane	FOP on the new Curriculum for TE - IT(2019 Course) for the Subject "Design Thinking"	Sinhgad Institute of Technology, Pune. Department of Information Technology in association with BOS-IT,SPPU,Pune	30th July 2021
11	Prof. N.A.Mulla	Faculty Orientation Program on TE (IT) (2019 Course) for the subject "Internet of Things & Lab Practices I (IoT)"	Mumbai Educational Trust's Institute of Engineering, Nashik	31st July 2021
12	Prof. Dr.K.A.Malgi	Outcomes-Based Teaching,Assessments and Evaluation	NBN Sinhgad College of Engineering, Pune and Inpods Inc., USA	2nd August 2021 to 4th August 2021
13	Prof S.B. Dhuttargi	Short Term Training Programme(STTP) through ICT mode on "Advanced Applications in Artificial Intelligence and Machine Learning"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune and Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	2nd August 2021 to 6th August 2021
14	Prof. M. A. Rane	Short Term Training Programme(STTP) through ICT mode on "Advanced Applications in Artificial Intelligence and Machine Learning"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune and Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	2nd August 2021 to 6th August 2021



15	Prof. S. A. Sagar	Short Term Training Programme(STTP) through ICT mode on "Advanced Applications in Artificial Intelligence and Machine Learning"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune and Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	2nd August 2021 to 6th August 2021
16	Prof. S. A. Sagar	Outcomes-Based Teaching, Assessments and Evaluation	NBN Sinhgad College of Engineering, Pune and Inpods Inc., USA	2nd August 2021 to 4th August 2021
17	Prof.S.A.Hadke	Short Term Training Programme(STTP) through ICT mode on "Advanced Applications in Artificial Intelligence and Machine Learning"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune and Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	2nd August 2021 to 6th August 2021
18	Prof. A. D. Khairkar	Short Term Training Programme(STTP) through ICT mode on "Advanced Applications in Artificial Intelligence and Machine Learning"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune and Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	2nd August 2021 to 6th August 2021
19	Prof. A. D. Khairkar	Outcomes-Based Teaching, Assessments and Evaluation	NBN Sinhgad College of Engineering, Pune and Inpods Inc., USA	2nd August 2021 to 4th August 2021

20	Prof. A.V.Kanade	Outcomes-Based Teaching, Assessments and Evaluation	NBN Sinhgad College of Engineering, Pune and Inpods Inc., USA	2nd August 2021 to 4th August 2021
21	Prof. A.V.Kanade	Advanced Applications in Artificial Intelligence and Machine Learning	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune and Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	2nd August 2021 to 6th August 2021
22	Prof. Dr.K.A.Malgi	Short Term Training Programme(STTP) through ICT mode on "Advanced Applications in Artificial Intelligence and Machine Learning"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune and Marathwada Mitra Mandal's Institute of Technology (MMIT), Pune	2nd August 2021 to 6th August 2021
23	Prof. S. A. Sagar	FDP on the new Curriculum for TE - IT(2019 Course) for the Subject "Theory of Computation"	Bharati Vidyapeeth's College of Engg., Lawale	3rd August 2021
24	Prof. Dr. D. A. Godse	Online symposium on "National Educational Policy(NEP-2020"	Pimpri Chinchwad College of Engineering , Nigadi, Pune-44	8th June 2021
25	Prof. S. A. Sagar	Three Days FDP on "Deep Learning For Computer Vision"	Center for Innovative Learning (CIL) & PICT Alumni Association (PAA) PICT,Pune	12th August 2021 to 14th August 2021



26	Prof.S.A.Hadke	Three Days FDP on "Deep Learning For Computer Vision"	Center for Innovative Learning (CIL) & PICT Alumni Association (PAA) PICT,Pune	12th August 2021 to 14th August 2021
27	Prof. N.A.Mulla	Three Days Online FDP on Deep Learning for Computer Vision	Pune Institute of Computer Technology	12th August 2021 to 14th August 2021
28	Prof. S. A. Sagar	One Week Online Faculty Development Program on "Emerging Paradigms in Artificial Intelligence and Data Science"	VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE	16th August 2021 to 20th August 2021
29	Prof S.B. Dhuttargi	Online Faculty Development Program on "Recent Trends in Smart Computing"	Department of Computer Engineering, Vishwakarma Institute of Information Technology, Pune in association with Computer Society of India Pune Chapter and R&D Cell of VIIT	18th October 2021 to 22nd October 2021
30	Prof. Dr.K.A.Malgi	AICTE Training And Learning (ATAL) Academy Online FDP on Nation FDP on, " Machine Learning"	Department of E&TC,Bharati Vidyapeeth's College of Engg. for Women,Pune	8th November 2021 to 12th November 2021

31	Prof S.B. Dhuttargi	AICTE Training And Learning (ATAL) Academy Online FDP on Nation FDP on, "Machine Learning"	Department of E&TC, Bharati Vidyapeeth's College of Engg. for Women,Pune	8th November 2021 to 12th November 2021
32	Prof. S. A. Sagar	AICTE Training And Learning (ATAL) Academy Online FDP on Nation Fdp on, "Machine Learning"	Department of E&TC, Bharati Vidyapeeth's College of Engg. for Women,Pune	8th November 2021 to 12th November 2021
33	Prof.S.A.Hadke	AICTE Training And Learning (ATAL) Academy Online FDP on Nation Fdp on, "Machine Learning"	Department of E&TC, Bharati Vidyapeeth's College of Engg. for Women,Pune	8th November 2021 to 12th November 2021
34	Prof. A. D. Khairkar	AICTE Training And Learning (ATAL) Academy Online FDP on Nation Fdp on, "Machine Learning"	Department of E&TC, Bharati Vidyapeeth's College of Engg. for Women,Pune	8th November 2021 to 12th November 2021
35	Prof. S. S. Thite	ATAL FDP on,"Machine Learning"	Bharati Vidyapeeth's College of Engg. for Women, Pune	8th November 2021 to 12th November 2021



36	Prof. N.A.Mulla	FDP on Machine Learning	AICTE Training and Learning (ATAL) Academy and	8th November 2021 to 12th November 2021
37	Prof. K.V.Patil	AICTE Training And Learning (ATAL) Academy Online FDP on Nation Fdp on, " Machine Learning"	Department of E&TC, Bharati Vidyapeeth's College of Engg. for Women,Pune	8th November 2021 to 12th November 2021
38	Prof. Dr.K.A.Malgi	ATAL Online FDP on "Essentials of Machine Learning "	CDAC, Noida	13th December 2021 to 17th December 2021
39	Prof. A. D. Khairkar	Online Elementary FDP on "Artificial Intelligence and Machine Learning for Healthcare"	College of Engineering Pune.	13th December 2021 to 17th December 2021
40	Prof. A.V.Kanade	Machine Learning	Coursera	14th December 2021 to 28th February 2022 (11 Weeks)
41	Prof S.B. Dhuttargi	AICTE Training And Learning (ATAL) Academy Online FDP on, "Data Science"	Indian Institute of Information Technology, Pune	20th December 2021 to 24th December 2021

42	Prof.S.A.Hadke	AICTE Training And Learning (ATAL) Academy Online FDP on, "Data Science"	Indian Institute of Information Technology Pune	20th December 2021 to 24th December 2021
43	Prof.S.A.Hadke	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on, " Current Trends and Future Prospects in Data Science"	Central University of Rajasthan	10th January 2022 to 14th January 2022
44	Prof S.B. Dhuttargi	AICTE Training And Learning (ATAL) Academy Online FDP on, "Role of Smart Cities in Society 5.0"	JSS Academy of Technical Education, Noida	17th January 2022 to 21st January 2022
45	Prof. S. A. Sagar	Online Faculty Orientation Program on the new curriculum of TE IT (2019 Course) for the subject "Computer Network and Security & Computer Network Security Laboratory"	Department of Information Technology, MODERN COLLEGE OF ENGINEERING, PUNE ,SHIVAJINAGAR In Association With Board of Studies- Information Technology, Savitribai Phule Pune University, Pune	24th January 2022



46	Prof. A. D. Khairkar	Faculty Orientation Program on the new Curriculum for TE-IT(2019 Course)for the Subject “Data Science And Big Data Analytics & Data Science And Big Data Analytics Lab”	PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE	25th January 2022
47	Prof. S. A. Sagar	Online One Day Faculty Orientation Program on TE-IT Revised syllabus (2019 course) SEM - II for the subject “Internship”	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER, Department of Information Technology In Association with Board of Studies- Information Technology, Savitribai Phule Pune University	27th January 2022
48	Prof.S.A.Hadke	Online Faculty Orientation Program (FOP) on the new curriculum of TE IT (2019 Course) for the subject “Web Application Development & Laboratory Practice- II”	PVG'S College of Engineering and Technology & G.K.Pate (Wani) Institute of Management, Pune. Department of Information Technology in association with BOS-IT,SPPU,Pune	28th January 2022

49	Prof. A.V.Kanade	Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)	28th February 2022 to 4th March 2022
50	Prof. K.V.Patil	Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)	28th February 2022 to 4th March 2022
51	Prof.S.A.Hadke	Online Faculty Development Program on "Advances in Web Technology"	Marathwada Mitra Mandal's College of Engineering , Pune. Dept. of Information Technology	7th March 2022 to 11th March 2022
52	Prof. S. S. Thite	IPR Awareness Programme	Bharati Vidyapeeth's College of Engg. for Women,Pune	4th April 2022
53	Prof. Dr.K.A.Malgi	Online Faculty Development Programme on Introduction to Machine Learning	Dept. of Information Technology in association with IT business club, Sinhgad Institute of Technology, Lonavala	18th April 2022 to 22nd April 2022
54	Prof. A. D. Khairkar	FDP on Introduction to Machine Learning	Sinhgad Institute of Technology,Lonavala	18th April 2022 to 22nd April 2022
55	Prof. N.A.Mulla	FDP on Introduction to Machine Learning	Sinhgad Institute of Technology,Lonavala	18th April 2022 to 22nd April 2022



**DEPARTMENT ACTIVITIES:****ACTIVITIES ORGANIZED FOR FACULTY:****Activity organized for staff:**

Sr. No.	Name of Activity	Resource Person details	Date
1	IPR Awareness Programme	Ms. Nikita Kumari	4th April 2022

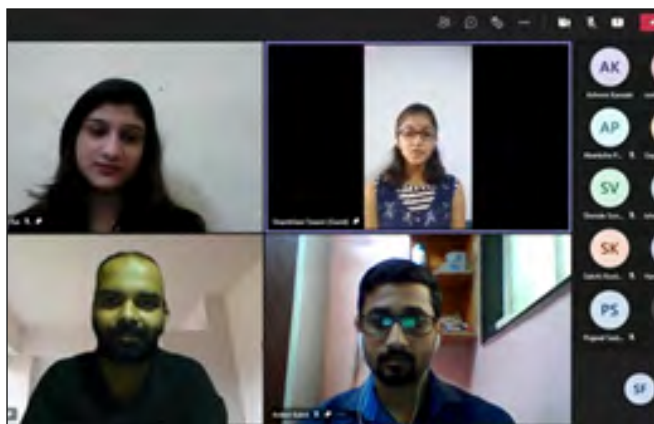
**ACTIVITIES ORGANIZED FOR STUDENTS:****MOU Activities**

Sr. No.	Name of the Activity	Organizing Staff Name	Class	Resource Person details (name, address, contact no etc.)	Date
1	Webinar on IT Industries Road Map and Placement Preparation	S.A.Hadke	SE, TE and BE IT	Mr.A.B.Aher, KasNet Technologies Pvt.Ltd.	9th Sept, 2021
2	Workshop on Web Development using Angular JS	Prof. Dr. D. A. Godse	SE, TE IT	Mr. Parth Shukla, Co-Founder, 9Ledge Pro 2. Mr. Aniket Kalvit, Software Engineer, 9Ledge Pro	24th Sept, 2021
3	Webinar on Preparation for Placement in Dream Company	Prof. A.V.Kanade	SE, TE IT	Mr. Rahul Ahire, Director, Link-Code Technologies	01st Oct, 2021
4	Webinar on Web App Development	Prof. S. B. Dhuttargi	SE IT	Ms. Bhagyashri Raut, Co-founder, Swaptechnobiz, Pune	23rd Oct, 2021
5	Webinar on Machine Learning Applications in Real World	Dr. K. A. Malgi	TE , BE IT	Mr. Yogesh Murumkar, Director and Corporate Trainer, Bharat Soft Solutions, Pune	09th Dec, 2021

6	Collaboration meeting of U-Connect team of Veritas with BVCOEW team	Prof. A.D.Khairkar	Attended by 4 Faculty	Mr.Deodatta Barhate, Principal Engineer, Veritas Technologies LLC	3rd Sept.,2021
7	Webinar on Veritas interaction with BVCOEW Students regarding Internship and Sponsorship in Veritas	Prof. A.D.Khairkar	All students from TE and BE and Faculty	Mr.Sumit Dighe Technical Director ,Veritas Technologies LLC Mr.Deodatta Barhate Principal Engineer, Veritas Technologies LLC	16th Sept.,2021
8	Webinar on Application Development in Python	Prof. Dr. D. A. Godse	SE IT	Mr. Parth Shukla, Founder, 9Ledge Pro	8th Feb, 2022
9	Workshop on Application Development using Python	Prof. Dr. D. A. Godse	SE IT	Mr. Parth Shukla, Founder, 9Ledge Pro	10th Feb, 2022 to 14th Feb, 2022 and 16th Feb,2022 (30 hrs)
10	Workshop on Funnel Marketing	Prof. S. B. Dhuttargi	TE IT	Ms. Ritika Kumari, Funnel Marketing Expert, Swap Technobiz, Pune.	4th, 7th and 11th March, 2022 (total 7 hrs)
11	Workshop on Software Development Life Cycle	Prof. S. S. Thite Prof. K. V. Patil	SE IT	Mr. Prashant Shingan Project Manager, Accenture	19th March, 2022



12	Seminar on Importance of Java Fullstack	Prof A.V.Kanade	SE IT	Mr. Rahul Ahire, Director, Link-Code Technologies	22nd Mar, 2022
13	Workshop on Developing Chatbot using Natural Language Processing	Dr. K. A. Malgi	TE IT	Mr. Yogesh Murumkar, Director and Corporate Trainer, Bharat Soft Solutions, Pune	21st and 22nd March, 2022
14	Seminar on Arduino for Beginners	Ms.N.A.Mulla	BE IT	Mr Atul Wadkar, Algorithmic Electronics Pune	6th April, 2022
15	Seminar on Career and Placement Guidance	S.A.Hadke	TE IT	Mr.A.B.Aher, KasNet Technologies Pvt.Ltd.	5th April, 2022
16	Seminar on Future of IT Industries	Prof K.V.Patil	SE IT	Mr. Dheeraj Karande, Java Developer, QSet Technology	23rd March, 2022



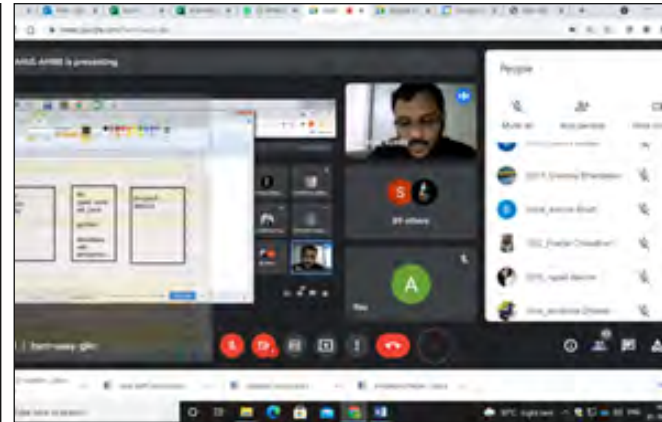
Workshop on "Web Development using AngularJS" by Mr. Parth Shukla, Co-Founder, 9Ledge Pro and Mr. Aniket Kalvit, Software Engineer, 9Ledge Pro on 24th September, 2021 for S.E. and T.E. I.T. students



Webinar on "Machine Learning Application in Real World" by Mr. Yogesh Murumkar, Director and Corporate Trainer, Bharat Soft Solutions, Pune on 9th December, 2021 for T.E. and B.E. I.T. students



Workshop on Developing Chatbot using Natural Language Processing by Mr. Yogesh Murumkar, Director and Corporate Trainer, Bharat Soft Solutions, Pune on 21st and 22nd March, 2022 for TE IT students



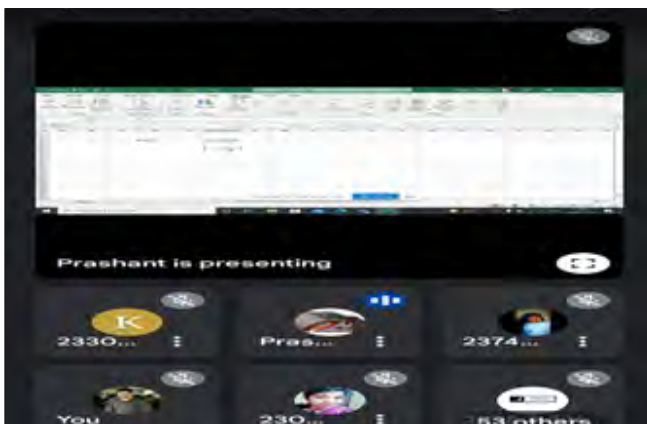
Webinar on Preparation for Placement in Dream Company by Mr. Rahul Ahire, Director, Link-Code Technologies on 1st Oct, 2021 for SE, TE IT students



Webinar on Application Development in Python by Mr. Parth Shukla, Founder, 9Ledge Pro on 8th Feb, 2022 for SE IT students



Workshop on Application Development using Python by Mr. Parth Shukla, Founder, 9Ledge Pro on 10th Feb, 2022 to 14th Feb, 2022 and 16th Feb, 2022 (30 hrs) for SE IT students

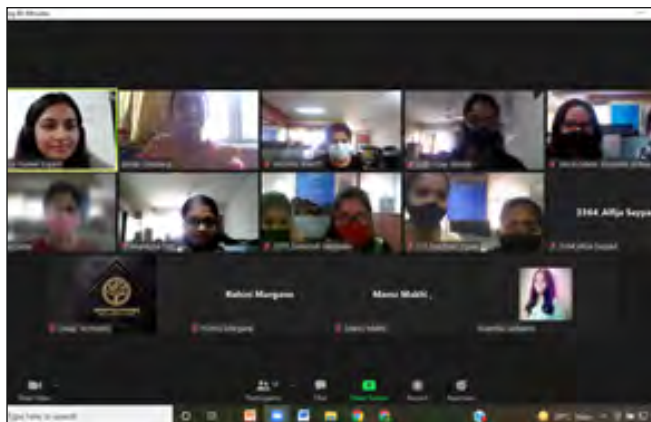


Webinar on "Software Development Life Cycle" by Mr. Prashant Shingan, Manager, Accenture, Pune on 19th March 2022 for SEIT Students

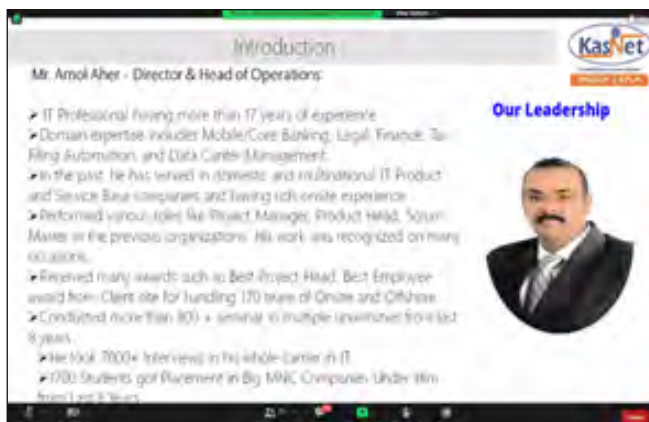


Webinar on "Web App Development" by Ms. Bhagyashri Raut, Co-founder, Swaptechnobiz, Pune on 23rd October, 2021 for SEIT Students





Workshop on "Funnel Marketing" by Ms. Ritika Kumari, Swaptechnobiz, Pune on 4th, 7th and 11th March, 2022 for TEIT and BEIT students



Webinar on "IT Industries Road Map and Placement Preparation" by Mr. Amol Aher (Founder & Director) KasNet Technologies Pvt Ltd., Narhe Industrial Estate, Narhe, Pune-41 on 9th Sept. 2021 for SE IT, TE IT Students



Seminar on "Career and Placement Guidance" by Mr. A.B. Aher (Founder & Director) KasNet Technologies Pvt Ltd., Narhe Industrial Estate, Narhe, Pune-41 on 5th April 2022 for TE IT Students.



Seminar on "Arduino for Beginners" by Mr. Atul Wadkar, Algorithmic Electronics, Pune on 6th April, 2022 for BE IT students



Webinar on "Veritas interaction with BVCOEW Students regarding Internship and Sponsorship in Veritas" by Mr. Sumit Dighe and Mr. Deodatta Barhate on 16th Sept. 2022 for TE IT and BE IT Students.

**INFORMATION TECHNOLOGY STUDENTS' ASSOCIATION (ITechS'A)****ITechS'A ACTIVITIES:**

Sr. No.	Name of the Activity	Class	Resource Person Details	Date
1	Workshop on Data Structures and Algorithms	BEIT & TEIT	Mr.Swapnil Gupta and Mr.Shantanu Shubham Coding Ninjas	24-25/08/2021
2	Webinar on Profile Building and Career Opportunities	TEIT	Mark Brandon Venum Career Architect and Strategic Partnerships – Careerlabs	31/08/2021
3	Webinar on Machine Learning	SEIT & TEIT	Mr Manish Singh Head-Institutional Sales,ATS Learning Solutions.	22/09/2021
4	Webinar on Internship for developing the portfolio	TEIT	Mr. Sachin Mohite, Executive Director SPACE for ECE.	30/09/2021
5	Webinar on Spoken English	SEIT	Ms. Kirti S. Bajaj Certified soft skill Trainer & Coach, Flamingo learnings.	25/11/2021
6	Workshop on Excellence Bytes	TE(IT) & BE(IT)	Mr. Aashish Jain, Carpe Diem Boot Camp, (B-102, Kirti Elegant ,Mahalunge, pune-411045, Maharashtra, India)	11/02/2022
7	Workshop on Excellence Bytes	SE(IT)	Mr. Aashish Jain, Carpe Diem Boot Camp, (B-102, Kirti Elegant, Mahalunge, pune-411045, Maharashtra, India)	15/02/2022
8	Seminar on Engineering is Awesome	SE(IT)	Mr.Raghvan Koli ( Author, Motivational Speaker)	25/03/2022
9	Seminar on Basics of Journal paper writing & publishing	BE(IT)	Mr.Makarand Velankar (MKSSS's Cummins College of Engineering for Women, pune.)	26/03/2022
10	Seminar on Applications of Data Structures	SE(IT)	Mr.Nagesh Mhetre (click in computers,pune)	31/03/2022





1. Workshop on "Data Structures and Algorithms" By Mr. Swapnil Gupta and Mr. Shantanu Shubham, Coding Ninjas.



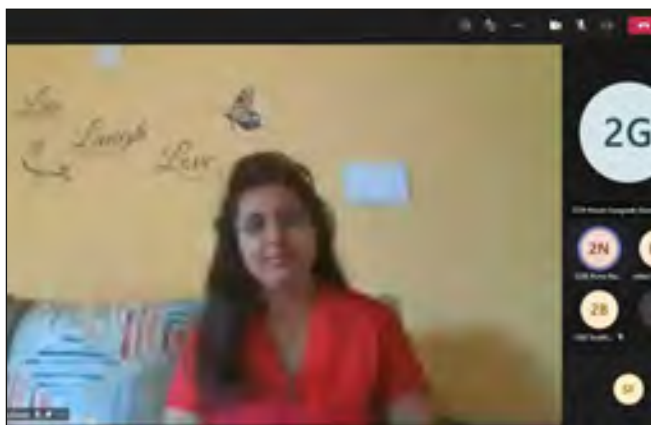
2. Webinar on "Profile Building and Career Opportunities" By Mark Brandon Vernum, Career Architect and Strategic Partnerships- Careerlabs



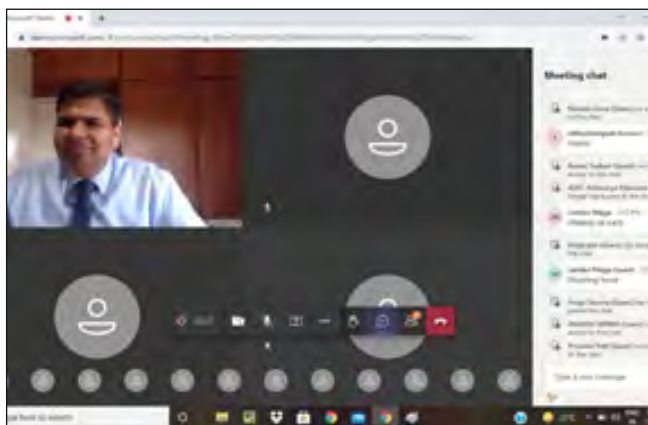
3. Webinar on "Machine Learning" By Mr. Manish Singh Head-Institutional Sales, ATS Learning Solutions.



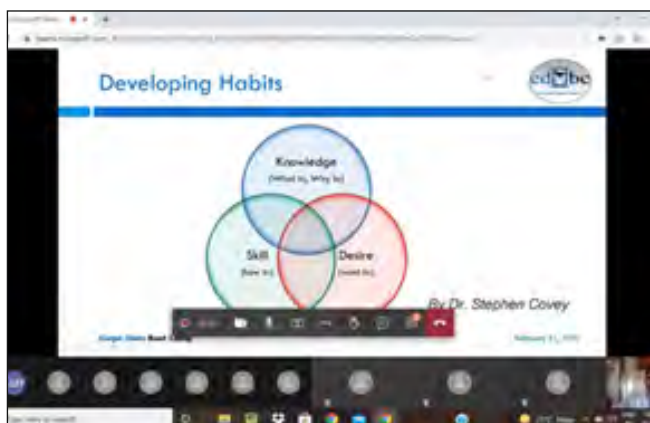
4. Webinar on "Internship for developing the portfolio" By Mr. Sachin Mohite, Executive Director SPACE for ECE.



5. Webinar on "Spoken English" By Ms. Kirti S. Bajaj Certified soft skill Trainer & Coach, Flamingo learnings.



6. Workshop on "Excellence Bytes" by Mr. Aashish Jain (Carpe Diem Boot Camp, Pune)



7. Workshop on "Excellence Bytes" by Mr. Aashish Jain (Carpe Diem Boot Camp, Pune)



8. Seminar on "Engineering is Awesome" by Mr. Raghvan Koli (Author, Motivational Speaker)



3. Webinar on "Machine Learning" By Mr. Manish Singh Head-Institutional Sales, ATS Learning Solutions.

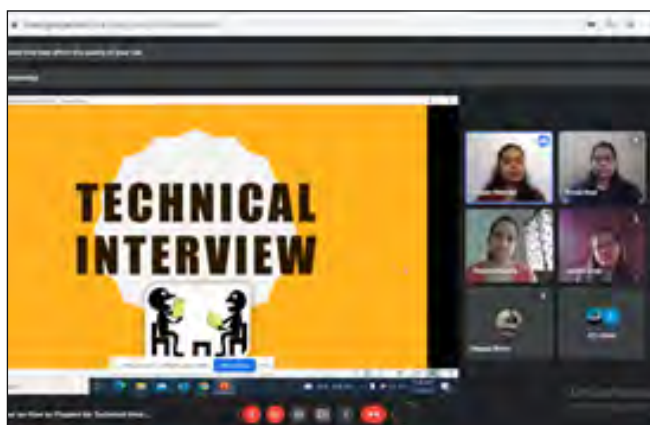


4. Webinar on "Internship for developing the portfolio" By Mr. Sachin Mohite, Executive Director SPACE for ECE.

### ASSOCIATION FOR COMPUTING MACHINERY (ACM) ACTIVITIES ACM EVENTS ORGANIZED:

Sr. No.	Name of the Activity	Class	Resource Person Details	Date
1	Webinar on How to Prepare for Technical Interview	SE IT	Ms. Nayan Wandile, Ms. Sakshi Singh, Miss. Pooja Veer, Ms. Shweta Rajoria, Alumni, BVCOEW, Pune and Engineer Trainee (Pega Developer), Vodafone India Pvt. Ltd. Software Engineer, associate Software Development Engineer, Emtec Technologies, Persistent System Limited, Software Engineer, Persistent System Limited)	10th July, 2021
2	Webinar on Fun with Algorithms	SE, TE and BE IT	Dr. Sachin Lodha, Principal Scientist, Tata Consultancy Services, Pune	03 Sept, 2021
3	Webinar on Game Theory for the Internet Age	SE, TE and BE IT	Dr. R. Ramanujam, Professor, Institute of Mathematical Sciences, Chennai	1st Apr, 2022





Webinar on How to Prepare for Technical Interview on 10 July 2021 by Ms. Nayan Wandile, Ms. Sakshi Singh, Ms. Pooja Veer, Ms. Shweta Rajoria, Alumni, BVCOEW, Pune for TE IT



Webinar on Fun with Algorithms by Dr. Sachin Lodha, Principal Scientist, Tata Consultancy Services, Pune on 3 Sept, 2021 for SE, TE and BE IT



Webinar on Game Theory for the Internet Age by Dr. R. Ramanujam, Professor, Institute of Mathematical Sciences, Chennai on 1st April, 2022 for SE, TE, BE IT

## INDUSTRIAL VISIT:

The Department of IT organizes industrial visits for its students every year. Visit to Realty Automation and Security Systems Pvt. Ltd., Dhirubhai Ambani Knowledge City, Data Center BVU College of Engineering, Pune, GMRT, Mastek, CDAC, Persistent, Sactech Automation India Private Limited had been successfully arranged in past years. During the academic year 2021-22, due to covid-19 pandemic situation, industrial visits have not been organized.

**STUDENTS' ACHIEVEMENTS:**

<b>Sr. No.</b>	<b>Name of The Student</b>	<b>Class</b>	<b>Type of Scholarship received</b>	<b>Organized By</b>
1	Nikita Hemant Bankar	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation
2	Vrushali Uday Gaikwad	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation
3	Jadhav Shraddha Ramdas	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 50000/-	Lila Poonawalla Foundation
4	Namrata jadhav	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation
5	Sejal Rajendra Pawar	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 50000/-	Lila Poonawalla Foundation
6	Rutika Santosh Bhosale	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 55000/-	Lila Poonawalla Foundation
7	Rutuja Sunil Chatur	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 55000/-	Lila Poonawalla Foundation
8	Sanjivani Nagnath Bulbule	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation
9	Divekar Samruddhi Vijay	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation
10	Kirti Dattatray Mhaske	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 45000/-	Lila Poonawalla Foundation
11	Pawar Jyoti Arjun	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 16052/-	Lila Poonawalla Foundation
12	Sharwari Santosh Bhalerao	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation
13	Anam Wasim Bagwan	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation
14	Utkarsha Kakade	SE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 60000/-	Lila Poonawalla Foundation



15	Trupti Ananda Pacharne	SE IT	Received Kiran Girl's Scholarship of Rs. 40000/-	Persistent Foundation
16	Akanksha Ajit Patil	TE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 45000/-	Lila Poonawalla Foundation
17	Simran Salu D'souza	TE IT	Received Kiran Girl's Scholarship of Rs. 40000/-	Persistent Foundation
18	Ishika Mahindra Gupta	TE IT	Received Cybage Khushboo Scholarship of Rs. 40000/-	Cybage
19	Snehal Balaji Gavali	TE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 36000/-	Lila Poonawalla Foundation
20	Anuja Bhosale	BE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 45000/-	Lila Poonawalla Foundation
21	Rutuja Konde	BE IT	Received financial support for higher study of Rs. 10000/-	Pune Municipal Corporation
22	Sakshi Berad	BE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 40000/-	Lila Poonawalla Foundation
23	Divya Varpe	BE IT	Received Lila Poonawalla Foundation Undergraduation Scholarship of Rs. 45000/-	Lila Poonawalla Foundation
24	Vaishali Gawade	BE IT	Received Cummins Scholarship of Rs. 10545/-	Cummins India Limited

#### STUDENTS' ACHIEVEMENTS (TECHNICAL EVENTS):

Sr. No.	Name of The Student	Class	Type of Achievement	Organized By
1	Vaibhavi Deepak Gawas	TE IT	Secured third rank in Coding Competition Techtrix event	AISSMS, ITSA committee in TechFlix Fest
2	Sonakshi Shende	TE IT	Certificate for best Event coordinator head in traffic management effective analysis project from MNC Pune and Rotary International	Rotary club of Poona north

#### STUDENTS UNDERGONE VOCATIONAL EDUCATIONAL TRAINING (VET):

Sr. No.	Number of the Students	Class	Type of Training	Organized by	Duration
1	39 students	TE IT	Employability Skills Development	Zensar Technologies	13 September 2021 to 15 March 2022

**STUDENTS UNDERGONE INTERNSHIP PROGRAM**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Company Name</b>	<b>Duration</b>
1	Dhanawade Isha Anirudha	The Sparks Foundation	1 Month
2	D'souza Simran Sallu	The Sparks Foundation	1 Month
3	Takalkar Aditi Ananta	The Sparks Foundation	1 Month
4	Vidhi Jain	Let's Grow More	1 Month
5	Sharayu Bhandekar	Aj Builders Pvt Ltd .	1 Month
6	Manali Ramesh Chavan	The Sparks Foundation	1 Month
7	Sonal Garje	The Sparks Foundation	1 Month
8	Andhale Dnyaneshwari	The Sparks Foundation	1 Month
9	Aishwarya Gaikwad	Let's Grow More	1 Month
10	Priti Karanjekar	Let's Grow More	1 Month
11	Srushti Mane	Brain O Vision Pvt. Ltd	1 Month
12	Ashwini Bansode	Let's Grow More	1 Month
13	Sapana Gonarkar	The Spark Foundation	1 Month
14	Garima Gupta	Let'S Grow More	1 Month
15	Ishika Gupta	Technocraft Industries Tube Division	1 Month
16	Bangar Sakshi Rajesh	Twowaits Technologies Pvt Ltd.	1 Month
17	Shruti Avinash Mane	Let's Grow More	1 Month
18	Modhave Tejal Anil	Let's Grow More	1 Month
19	Sanskruti Nitin Wankhede	The Sparks Foundation	1 Month
20	Bhakti Shashikant Sawant	Let'S Grow More	1 Month
21	Prachi Deepak Bhujbal	The Sparks Foundation	1 Month
22	Madhavi Vikas Ingale	The Sparks Foundation	1 Month
23	Kshitija Somnath Nibe	Let'S Grow More	1 Month
24	Aachal Anand Bhatt	The Sparks Foundation	1 Month
25	Simantini Manojkumar Bhosale	Sapours Technologies Pvt Ltd	1 Month
26	Kshitija Satish Patankar	Let's Grow More	1 Month
27	Alfija Faruk Sayyad	Let's Grow More	1 Month
28	Sneha Birajdar	Let's Grow More	1 Month
29	Priyanka Jadhav	The Sparks Foundation	1 Month
30	Komal Patil	Let's Grow More	1 Month
31	Ishwari Shelke	Twowaits Technologies	1 Month
32	Pranjal Chaudhari	Let's Grow More	1 Month
33	Rutuja Kale	Let's Grow More	1 Month
34	Akanksha Patil	The Sparks Foundation	1 Month
35	Aditi Shinde	Let's Grow More	1 Month
36	Choudhari Shraddha	Let's Grow More	1 Month
37	Ghadle Rutuja	Let's Grow More	1 Month



38	Koradkar Priyanka	Let's Grow More	1 Month
39	Pawar Laxmi	Let's Grow More	1 Month
40	Gavalisnehal	Let's Grow More	1 Month
41	Rupali Dakore	Oasis Infobyte	1 Month
42	Sakshi Kolte	Oasis Infobyte	1 Month
43	Pragati Bhakkad	Let'S Grow More	1 Month
44	Shambhavi Swami	Let's Grow More	1 Month
45	Suraksha Vilas Dhaske	Let's Grow More	1 Month
46	Avantika Ram Ladwane	Let's Grow More	1 Month
47	Laxmi Lobha Rathod	The Sparks Foundation	1 Month
48	Dipali Sandipan Ugalmugale	Let's Grow More	1 Month
49	Dhumal Pooja Shivaji	The Sparks Foundation	1 Month
50	Jagdhane Urmila Hari	The Sparks Foundation	1 Month
51	Khaire Mrunmayee Deepak	Let's Grow More	1 Month
52	Makhi Mansi Vinayak	Let's Grow More	1 Month
53	Vaishnavi Baburao Gahin	Stige	1 Month
54	Manisha ChhaganKhajure	Vspace Softwares	1 Month
55	Shraddha Dattatray Lokhande	Learnovate	1 Month
56	Ishita Pradip Zambare	Pantech E Learning	1 Month
57	Gawas Vaibhavi	Twowaits Technologies	1 Month
58	Patange Sakshi Santosh	Innoventry Software Pvt Ltd	1 Month
59	Pathade Vaishnavi Rajesh	The Tathastu Foundation	1 Month
60	Potre Manasi Suresh	Let's Grow More	1 Month
61	Pradnya Ghadge	Twowaits Technologies Pvt Ltd.	1 Month
62	Rohini Margane	Let's Grow More	1 Month
63	Grunthali Tulaskar	The Sparks Foundation	1 Month
64	Prishita Yadav	The Sparks Foundation	1 Month
65	Akanksha Ghule	The Sparks Foundation	1 Month
66	Sanika Sarwadnya	The Sparks Foundation	1 Month
67	Sayyed Aysha Nadeem	Let'S Grow More	1 Month
68	Priti Shinde	The Sparks Foundation	1 Month
69	Isha Mishra	Direction Educare	1 Month
70	Manavi Kamble	The Sparks Foundation	1 Month
71	Prajakta Thorat	Technexlit Bhu Varanasi	1 Month
72	Dhanashree vaidya	The Sparks Foundation	1 Month
73	Manjiri Ramakant Kshatriya	Tathastu Scholar Group	1 Month
74	Patil Janhavi Satish	The Sparks Foundation	1 Month
75	Rai Mandira Adesh	The Sparks Foundation	1 Month
76	Rawas Rutuja Nitin	Twowaits Technology Pvt Ltd	1 Month

77	Shreya Mahajan	The Sparks Foundation	1 Month
78	Sanskriti Patel	The Sparks Foundation	1 Month
79	Sonakshi Shende	The Sparks Foundation	1 Month
80	Tasneem Shaikh	One Stop	1 Month
81	Bhagyashari Pawar	The Sparks Foundation	1 Month

**\*\*\*CONGRATULATIONS\*\*\*  
LIST OF TOPPERS**



**Ms. Jangale Himani  
B.E.IT (SGPA 10.00)**



**Ms. Aditi Raina  
B.E.IT (SGPA 10.00)**



**Ms. Bagal Chaitali  
B.E.IT (SGPA 10.00)**



**Ms. Pawar Kajol  
T.E.IT (SGPA 10.00)**



**Ms. Garima Srivastav  
T.E.IT (SGPA 10.00)**



**Ms. Berad Sakshi  
T.E.IT (SGPA 10.00)**



**Ms. Vaishnavi Pathade  
S.E.IT (SGPA 9.95)**



**Ms. Manasi Potre  
S.E.IT (SGPA 9.77)**



**Ms. Aditi Shinde  
S.E.IT (SGPA 9.75)**



# COMPUTER ENGINEERING



**Prof.D.D.Pukale**  
M.E.(CompEngg.), Ph. D. Pursuing  
Head of Computer Engg. Dept.

## ABOUT DEPARTMENT:

Computer technology in engineering reflects the image of modern and developed society. The objective of the department is to seek all-round development of students, which will make them sound in technical brilliance, academic excellence and more matured and proficient to face and tackle the competition. In today's era, fast industrial growth and development in technology, obligates the students to be adaptable to the changing needs of the industries, acquaint with the emerging technology. The department has young, dynamic, highly qualified and experienced staff who are always striving to upkeep themselves with emerging horizons in the technical arena. The department continues to encourage faculties in their endeavor and broaden their knowledge through various certifications, such as AWS. This is beneficial for students to widen their placement opportunities.

The department manages 6 laboratories which are well equipped with latest configuration hardware machines with latest operating systems and software's installed on machines. A separate Internet Center is managed by the department and is used for developing web-based projects and avail the internet facility for the students.

The department on a regular basis organizes visits to the various computer organizations and institutions which are well established in computer oriented technological development and innovations. The department aims to be the center of excellence and the hub for multi-disciplinary research

## VISION:

Pioneers in women Computer Engineering by providing competent technical knowledge and enriched social awareness.

## MISSION:

- To inculcate quality education in various domains of Computer Engineering.
- Encourage students, to showcase their talents and search the community needs.
- To improve technical competency by providing value added training.

## Program Educational Objectives (PEOs):

### Program Specific Outcomes (PSOs):

Graduate will be able to Program Educational Objectives (PEOs):

**PEO1:** Relate mathematical and computing theory knowledge to develop problem solving approach among computer engineering students.

**PEO2:** Apply learned tools and techniques to resolve problems faced by industry.

**PEO3:** Imbibe professional and moral practices to achieve empathy associated with society and the global environment.

**PEO4:** Develop, strong environment for continuing education.

### Program Specific Outcomes (PSOs)

**PO1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**PO2. Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**PO6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**PO8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO9. Individual and teamwork** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**PO11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### SWOT Analysis:

#### A. Strengths:

1. Student centric process (Guardian Faculty Member, Mentor).
2. Conducive working and Learning leading to faculty and staff retention
3. Good Infrastructure Facility with well-equipped laboratories and classrooms.





4. Encouraging environment for students and faculty for participating in technical and social activities.
5. Effective academic monitoring leads improvement in student performance.
6. Co-curricular activities like NSS, student's association lead to overall development of students.
7. Improved aptitude and communication skill of students.

## **B. Weakness:**

1. Lack of consultancy projects.
2. Improvement in aptitude and communication skill of students.
3. Less research publication in Scopus or web of science citation.
4. MoUs with institutes need to be improved.

## **C. Opportunity:**

1. Promoting industrial training to staff.
2. Contribution in conducting Faculty Development Programme. Short Term Training Programme, Conference
3. Increase external funding for projects, FDP's, and conferences through various funding agencies.
4. Conduction of value added technical certifications for the students.
5. Promoting interdisciplinary projects.
6. Better quality publication with peer reviewed journals

## **D. Challenges:**

1. Promoting consultancy, sponsored project And MOUs from industry.
2. Centre of excellence for latest industrial technology.
3. Training the major hub of students coming from rural background.

## **Department Advisory Board (DAB):**

Sr. No.	Name of the Member	Designation
1.	Prof. Dr. S. R. Patil	In charge Principal
2.	Prof. D. D. Pukale	Head of Dept.
3.	Prof. M. L. Dhore	BOS (Computer Engg.) Member
4.	Dr. S. P. Kadam	Senior Faculty Member
5.	Mr. Nikhil Kulkarni	Industry Persons
6.	Ms. Shivani Gogavale	Alumni
7.	Ms. Laxmi Dabade	Alumni
8.	Mrs. Malan Anil Gogavale	Parent Representatives

## **FACULTY INFORMATION (TEACHING):**

No. of Ph.D. Completed : 01

No. of Ph.D. Registered : 04

No. of M.E / M. Tech. Completed : 08

**LIST OF TEACHING FACULTY:**

Sr. No.	Name of Staff Member	Designation	Qualification	Exp. (Yrs. & months.) till 31 <sup>st</sup> May 2022
1	Prof. Mr. D. D. Pukale	Associate Professor & Head	M.E. (CSE) Ph.D.(pursuing)	26
2	Mrs. P. D. Kale	Associate Professor	M.E. (Comp)	24
3	Dr. S. P. Kadam	Associate Professor	Ph.D.	17.8
4	Ms. S. B. Jadhav	Assistant Professor	M.Tech.(Comp) Ph.D.(pursuing)	16.9
5	Ms. A. P. Kadam	Assistant Professor	M.E.(Comp)	16.2
6	Mrs. V. D. Kulkarni	Assistant Professor	M.Tech. (I.T.)	15.4
7	Ms. K. S. Warke	Assistant Professor	M.Tech. (I.T.)	13.6
8	Mrs. K. S. Sawant	Assistant Professor	M.Tech. (I.T.)	12.5
9	Mrs. J. D. Jadhav	Assistant Professor	M.Tech. (Comp)	12.1
10	Ms. N. I. Dalvi	Assistant Professor	M.Tech (I.T.)	11.6
11	Mr. K. D. Yesugade	Assistant Professor	M. E. (Comp) Ph.D.(pursuing)	18.6
12	Ms. S. A. Pawar	Assistant Professor	Ph.D. (Comp) M. Tech. (Comp)	9
13	Mrs. S. A. Deshmukh	Assistant Professor	M.Tech.(Comp) Ph.D.(pursuing)	8.3

**FACULTY INFORMATION (NON-TEACHING):**

Sr. No.	Name of Staff Member	Designation	Qualification	Exp. (Yrs. & months.)
1	Ms. N. I. Dalvi	Lab. Asst.	Diploma in Computer Techno	16
2	Ms. G. A. Mohite	Jr. Clerk	M.A.(Sociology)	8.8
3	Mr. V.V. Patil	Lab. Asst.	M.Tech (Mechanical)	16.5



## DEPARTMENT INFRASTRUCTURE:

Lab Name	Operating System Installed	Software Installed
Hardware Lab	Windows 7	Xilinx , Nasm
Software Lab-II	Windows 7, Ubuntu 19	Windows 7, Ubuntu, Quick Heal Antivirus, TC7,CUDA, Eclipse
Project Lab	Windows 7, Ubuntu 19	Windows 7, Fedora 19 ,Quick Heal Antivirus, TC 7, EclipseJ2EE, PHP, Mysql, MongoDB, Python, C++
Computer Organization Lab	Windows 7, Ubuntu 19	Quick Heal Antivirus, Eclipse J2EE, JDK 1.7, Lex, Yacc. Tasm
Linux Lab	Windows 7, Ubuntu 19	Quick Heal Antivirus, JDK 1.7, Tasm, Python,Packet Treacer
Development Center Lab	Windows 7, Ubuntu 19	Quick Heal Antivirus, Eclipse J2EE, JDK 1.7, MongoDB



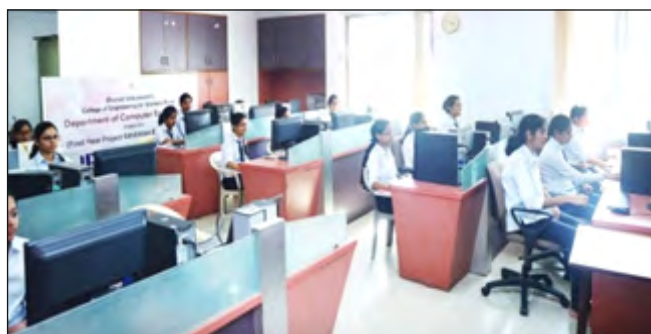
Computer Organization Lab



Hardware Lab



Software Lab II



Project Lab



Linux Lab



Development Center Lab

**DEPARTMENT LIBRARY DETAILS:**

Sr. No.	Library details	
1	No. of Volumes	526
2	No. of Titles	229

**RESEARCH AND DEVELOPMENT ACTIVITIES:****RESEARCH AND DEVELOPMENT ACTIVITIES:****PAPER PUBLICATIONS:**

Collaborative Publication			
1	Prof.D.D.Pukale	The Vision Helper – A Virtual voice assistant for visually Impaired people	International Journal of Scientific Research in Engineering and Management
2	Prof.D.D.Pukale	Brain Tumour Segmentation from 3D MRI using U-net	International Journal of Scientific Research in Engineering and Management
3	Prof.P.D.Kale	Human Pose Estimation using Deep Neural Network	International Journal of Scientific Research in Engineering and Management
4	Prof.P.D.Kale	To Identify and Analyze Public Shaming in Online Social Networks	International Journal of Advanced Research in Science ,Communication and Technology
5	Prof.Dr.S.P.Kadam	“Optimal Routing in IoT for Green Communication: A Survey on Sensors and Sensor Fundamentals with Diverse Meta-heuristic Algorithms and Fitness Functions”	“International Virtual Conference on Emerging Trends in Engineering and Management Science-2021 (ICETEMS-2021)” On 23rd - 24th July 2021 at Marathwada Mitra Mandal Trust, Pune, Maharashtra



6	Prof.Dr.S.P.Kadam	An efficient electricity theft detection using Xgboost	International Journal of Engineering Applied Sciences and Technology
7	Prof.Dr.S.P.Kadam	Convolutional Neural Network Strategies for Real-time Object Detection	International Journal of Scientific Research in Engineering and Management
8	Prof. S. B. Jadhav	Comprehensive Review on Machine Learning for Plant Disease Identification and Classification with Image processing	Proceedings of International Conference on Intelligent Cyber-Physical Systems ICPS 2021 Algorithm for Intelligent System Book series
9	Prof. S. B. Jadhav	Secure and Hassel Free Next Generation E-Voting Through Deep Learning Based Face Recognition	International Journal for Scientific Research in Engineering and Management
10	Prof.A.P.Kadam	Phishing Website and Spam Content Detection using Machine Learning Algorithms	International Journal of Advanced Research in Science ,Communication and Technology
11	Prof.A.P.Kadam	Vehicle Rental System	International Journal of Advanced Research in Science ,Communication and Technology
12	Prof. K. S. Warke	Counterfeit Currency Detection using Image Processing	International Journal of Research and Analytical Reviews
13	Prof. K. S. Warke	Genome Sequence Classification using LSTM	International Journal of Innovative Research in Science, Engineering and Technology
14	Prof.V.D.Kulkarni	Sentiment Analysis for depression detection	International Journal of Trendy Research in Engineering and Technology
15	Prof.K.S.Swant	Driver Distraction Detection Using Python & OpenCV	International Journal Of Computer Engineering And Applications
16	Prof.K.S.Swant	Survey On Driver Distraction Detection Using Python & OpenCV	International Journal Of Advance Scientific Research
18	Prof.J.D.Jadhav	Automatic License PlateRecognition Using YOLOv4 and Tesseract OCR	International Journal of Innovative Research in Computer and Communication Engineering
19	Prof.K.D.Yesugade	Diabetes Prediction using Machine Learning Algorithms	International Research Journal of Engineering and Technology
20	Prof.K.D.Yesugade	Machine Learning Based Web Application for Diabetes Prediction	Journal of Emerging technologies and Innovative Research

21	Prof.S.A.Pawar	Leaf Disease Detection of Multiple Plants Using Deep Learning	International Conference on " Machine Learning, Big data, Cloud and Parallel Computing: Trends, Perspectives and Prospects
22	Prof.S.P.Deshmukh	Covid19 Prediction Using Medical Images	IJRAR
23	Prof.S.P.Deshmukh	Liver Disease Diagnosis Using Machine Learning	International Journal of Engineering Applied Sciences and Technology

### STAFF ACHIEVEMENTS:



#### **Prof. D. D. Pukale**

Patent on “Detection of Multiple Plant Leaf Diseases Using Deep Learning”, is published on 11/03/2022.  
Application No : 202221008801



#### **Prof. S. P. Deshmukh**

1. Completed online certification course on “Introduction to Industry 4.0 and Industrial Internet of Things” organized by NPTEL with 75% and Silver Elite Certification  
2. Patent on “Detection of Multiple Plant Leaf Diseases Using Deep Learning “, is published on 11/03/2022.  
Application No : 202221008801



#### **Prof. S. A. Pawar**

Patent on “Detection of Multiple Plant Leaf Diseases Using Deep Learning “, is published on 11/03/2022.  
Application No : 202221008801



#### **Prof. J. D. Jadhav**

Completed online certification course on “Python for Data Science”, organized by NPTEL with 69% and Elite certification.



## STAFF PARTICIPATIONS:

Sr. No.	Name of Staff	Name of Event	Organized by	From Date	To date
1	Prof. S. B. Jadhav	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Optimization Techniques for Deep Learning"	Maulana Azad National Institute of Technology Bhopal	03/01/2022	7/01/2022
		STTP on "Soft Skills for Teachers"	National Institute Technical Teacher Training Research, KolKata	31/05/2021	4/06/2021
		AICTE Training And Learning (ATAL) Academy FDP on "Computer Vision: Past, Present and Future"	SCTR's Pune Institute of Computer Technology	06/12/2021	10/12/2021
		AICTE Training And Learning (ATAL) Academy FDP on "Embedded system an application driven approach"	ST microcontroller and arm education	25/08/2021	27/08/2021
2	Prof. K. S. Warke	FDP on "Machine Learning"	Bharati Vidyapeeth's College of Engineering for Women, Pune	8/11/2021	12/11/2021
		FDP on "Recent Trends in Computations"	Department of Computer Engineering, VIT, Pune	19/07/2021	24/07/2021
3	Prof.A.P.Kadam	Online Elementary (ATAL) FDP on "Artificial Intelligence and Machine learning for Healthcare"	College of Engineering Pune	13/12/2021	17/12/2021
		FDP on "Current research trends in Computer Engineering"	DYP College of Engineering Pimpri	28/03/2022	1/04/2022
		FOP on "Drive Digital Transformation - The Leading Edge Technology"	Jawaharlal Nehru Engineering College, MGM University	18/02/2022	24/02/2022

4	Prof.V.D.Kulkarni	Recent Trends in Computations	VISHWAKARMA INSTITUTE OF TECHNOLOGY,PUNE Department of Information Technology	19/07/2021	24/07/2021
		Cloud Computing & Security Challenges	Vidya Pratishthan's Kamalnayan Bajaj Institute of Engg and Technology , Baramati	10/01/2022	15/01/2022
		STTP on Advanced Applications in Artificial Intelligence and machine Learning	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune	2/08/2021	6/08/2021
5	Prof.K.S.Sawant	Online Elementary (ATAL) FDP on "Next Generation Application of Artificial Intelligence & Machine Learning for smart IOT Applications"	New Horizon College of Engineering	18/08/2021	22/08/2021
		Online Elementary (ATAL) FDP on "Internet of Things Industry Trend"	Jyothy Institute of Technology	25/10/2021	29/10/2021
		Online Elementary (ATAL) FDP on "Machine Learning"	Bharati Vidyapeeth's College of Engineering for Women Pune 43	8/11/2021	12/11/2021
		online Faculty Development Program on "Advances in Web Technology"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune	7/03/2021	11/03/2021
6	Prof.N.I.Dalvi	FDP on "Multi Technologies"	AISSMS Institute of Information Technology,Pune in collaboration with national youth council of India and Brainovision solution India Pvt.Ltd. and IETE pune	28/07/2021	3/07/2021
		FDP on "Machine learning"	Bharati Vidyapeeth's college of Engineering for Women ,Pune in collaboration with AICTE Training and Learning (ATAL) Academy	8/11/2021	12/11/2021
7	Prof.J.D.Jadhav	FDP on "Multi Technologies"	AISSMS Institute of Information Technology,Pune in collaboration with national youth council of India and Brainovision solution India Pvt.Ltd. and IETE pune	28/06/2021	3/07/2021
		FDP on "Machine learning"	Bharati Vidyapeeth's college of Engineering for Women ,Pune in collaboration with AICTE Training and Learning (ATAL) Academy	8/11/2021	12/11/2021



8	Prof.K.D.Yesugade	Emerging Paradigms in Artificial Intelligence and Data Science” organized by Department of Information	VISHWAKARMA INSTITUTE OF TECHNOLOGY,PUNE Department of Information Technology	16/08/2021	20/08/2021
		Technology and Artificial Intelligence & Data Science			
		Short Term Training Programme (STTP) on "Advanced Applications in Artificial Intelligence and Machine Learning"	Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune	2/8/2021	6/8/2021
		ATAL FDP on "Nation Fdp on, "Machine Learning	Bharati Vidyapeeth's college of Engineering for Women ,Pune in collaboration with AICTE Training and Learning (ATAL) Academy	8/11/2021	12/11/2021
		FDP on " Artificial Intelligence and Machine Learning for Healthcare "	College of Engineering Pune	13/12/21	17/12/21
		International Data Science Symposium	AI&DS Department of VIIT, Pune	10/1/2022	14/01/2022
		FDP on “Development of MOOCs”	Internal Quality Assurance Cell (IQAC) and Centre for Distance and Online Education (CDOE) BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE,	17/01/2022	22/01/2022
9	Prof. S. A. Pawar	National FDP On Machine Learning	Bharati Vidyapeeth's College of Engineering for Women, Pune in association with AICTE(ATAL FDP)	08/11/2021	12/11/2021
		Recent Developments in IoT	Institute of Engineering and Management in association with AICTE(ATAL FDP)	17/01/2022	21/01/2022
10	Prof.S.P.Deshmukh	Online Elementary (ATAL) FDP on “Next Generation Application of Artificial Intelligence & Machine Learning for smart IOT Applications”	New Horizon College of Engineering	18/10/2021	22/10/2021
		Online Elementary (ATAL) FDP on “Internet of Things Industry Trend”	Jyothy Institute of Technology	25/10/2021	29/10/2021
		Online Elementary (ATAL) FDP on “Machine Learning”	Bharati Vidyapeeth's College of Engineering for Women Pune 43	8/11/2021	12/11/2021

**DEPARTMENT ACTIVITIES:****ACTIVITIES ORGANIZED FOR STUDENTS(Audit Course)**

Sr. No	Activity Name	Activity Details	Class	Semester	Resource Person details (name, address, contact no etc.)	Date
1	Audit Course	Japanese Language	SE	Sem I	Ms. Monika Vaidya, Japanese Expert	20 Oct 2021 to 15 Dec 2021
2	Audit Course	Science of Happiness	SE	Sem II	Mrs. Kirti Bajaj, soft skills trainer, Flamingo learnings	19 <sup>th</sup> March 2022 to 10 <sup>th</sup> May 2022
3	Audit Course	Cyber Security	TE	Sem I	Adv. Mr. Maharudra Gite Cyber security expert, Pune	16 <sup>th</sup> , Oct 2021 to 28 <sup>th</sup> Nov 2021
4	Audit Course	Leadership and Personality Development	TE	Sem-II	Ms. Sfurti Sahare	4 May 2022 to 9 May 2022
7	Certification course	AWS Academy Machine Learning course	BE	Sem-I	Prof. Dr. S.P. Kadam	24 <sup>th</sup> June to 24 <sup>th</sup> sept 2021
8	Certification course	AWS Academy Cloud foundation course	TE	Sem-I	Prof.A.P.Kadam	23 <sup>rd</sup> march to 23 <sup>rd</sup> Sept.2021
9	Certification course	AWS Academy Cloud foundation course	TE	Sem-I	Pro.N.I.Dalvi	23 <sup>rd</sup> march to 23 <sup>rd</sup> Sept.2021
10	Certification course	AWS Academy Cloud foundation course	TE	Sem-I	Prof.J.D.Jadhav	23 <sup>rd</sup> march to 23 <sup>rd</sup> Sept.2021
11	Certification course	AWS Academy Cloud foundation course	TE	Sem-I	Prof.K.D.Yesugade	23 <sup>rd</sup> march to 23 <sup>rd</sup> Sept.2021



**COMPUTER ENGINEERING STUDENTS ASSOCIATION (CESA) Activities**

Sr.No.	Date	Activity	Industry/Company	Class
1	18/08/2021	Webinar on Profile Building and Career Opportunities	Mr. Satish Anand, Mr. Bhupendra Singh, Life skills trainer and content Developer, CareerLabs.	TE
2	24/08/2021 to 25/08/2021	Workshop on Data structures and algorithms	Mr. Swapnil Gupta, Mr. Shantanu Shubham, Coding Ninjas.	TE & BE
3	16/09/2021	Webinar on blockchain	Mr. Sandeep Singh, Koi	SE & TE
4	22/09/2021	Webinar on Machine Learning	Mr. Manish Kumar Singh, Head Institutional Sales, ATS learning solutions.	SE & TE
5	30/09/2021	Webinar on Internship for developing a portfolio	Mr. Sachin Mohite, Executive Director, SPACE for ECE.	TE
6	25/11/2021.	Webinar on Speak English Confidently	Mrs. Kirti Bajaj, Soft Skills Trainer and Spoken English Coach in Flamingo Learnings.	SE
7	25/03/2022	Engineering is awesome	Raghavan Koli, Motivational Speaker	SE
8	28/03/2022	Programming Techniques	Mr. Nagesh Mhetre, Director, Click-in Computers	SE

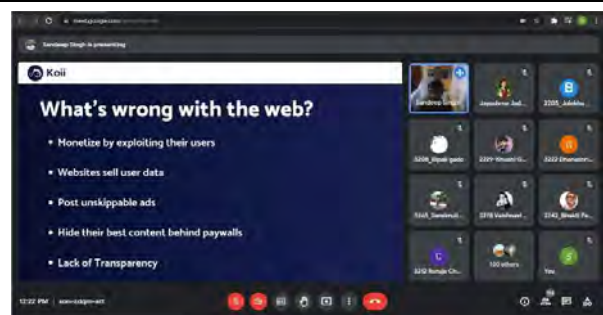
Photos of CESA activities :



Webinar on “Profile Building and Career Opportunities” conducted by Mr. Satish Anand, Life skills trainer and content Developer, CareerLabs on 18/8/2021 for TE Computer students.



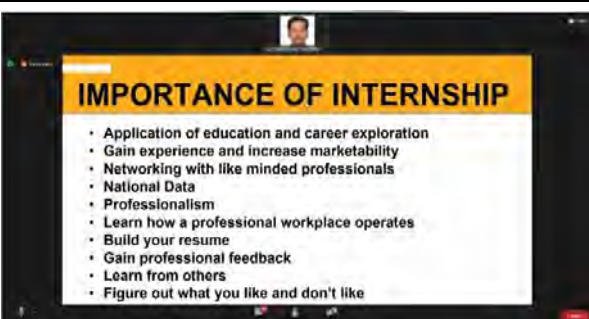
Two Days Workshop on “Data structures and algorithms” conducted by Mr. Swapnil Gupta and Mr. Shantanu Shubham, Coding Ninjas on 24<sup>th</sup> and 25<sup>th</sup> August 2021 for TE and BE Computer students.



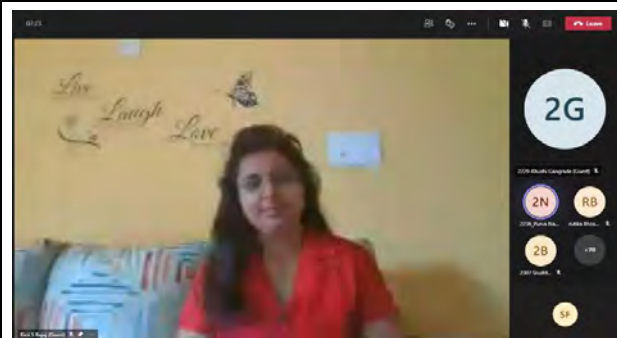
Webinar on “blockchain” conducted by Mr. Sandeep Singh, Koi on 16/9/2021 for SE and TE Computer students.



Webinar on “Machine Learning” conducted by Mr. Manish kumar Singh, Head institutional Sales, ATS learning solutions on 22/9/202 for SE and TE Computer students.



Webinar on “Internship for developing a portfolio” conducted by Mr. Sachin Mohite, Executive Director, SPACE for ECE on 30/9/2021 for TE Computer students.



Webinar on “Speak English Confidently” conducted by Mrs. Kirti S Bajaj, soft skills trainer, Flamingo learnings on 25/11/2021 for SE Computer students.





Seminar on “Engineering is awesome”, by Mr. Raghavan Koli, Motivational Speaker, on 25/03/2022 for SE Computer Engineering.



Seminar on “Programming Techniques”, by Mr. Nagesh Mhetre, Director, Click-in Computers, on 28/03/2022 for SE Computer Engineering.

**CSI Events Organized: Not Institutional member in year 2021- 22**

## STUDENTS' ACHIEVEMENTS(TECHNICAL EVENTS):

Sr. No.	Name of The Student	Class	Type of Achievement
1	Sukhpreet Kaur Rayat	TE	Successfully Completed certification of Microsoft Azure 900
2	Unnati Jadhav		
3	Bhakti Devre	BE	Successfully Completed certification of Microsoft Azure 900
			Successfully Completed certification of Microsoft Azure AI 900
			Successfully Completed certification of Microsoft Azure Data Fundamentals 900
			Successfully Completed certification of Microsoft Azure Power Platform Fundamentals 900

**Students who have undergone Internship Program:**

Sr. No.	Name of Student	Company Name	Duration	
			Start Date	End Date
1	AHER ARCHANA	1 stop	10-01-22	10-03-22
2	AISHWARYA KOTTAPALLI	Twowaits technologies pvt.ltd	01-02-22	28-02-22
3	AJABE NIKITA SUBHASH	Brainovision technologies	01-08-21	01-09-21
4	ANJALI MAILAPALLI	Twowaits technology pvt ltd	01-02-22	04-03-22
5	AVHAD SNEHAL SHIVAJI	Twowaits Technologies Pvt.	01-02-22	28-02-22
6	BANKAR VAISHNAVI	Think Act Rise Foundation	13-01-22	30-04-22
7	BHARAMBE RUPALI	TCR Innovation	27-01-22	20-04-22
8	BIPALI PRADIP GADE	LnT	10-01-22	11-02-22
9	BUKTARE KAJOL	Let'sGrowMore	01-01-22	01-02-22
10	CHATURBHUI	Oasis Infobyte	13-01-22	13-02-22
11	CHAUDHARI VEDIKA	BrainOVision	03-01-22	05-02-22
12	CHAVAN RUTUJA	TCR Innovations	12-10-21	01-12-21
13	DANDAGE HARSHADA	Let's grow more	01-01-22	01-02-22
14	DAWGHT SHREYA	BrainOVision	03-01-22	05-02-22
15	DESHMUKH ANUSHKA	BRAIN O VISION	10-01-22	10-02-22
16	DESHMUKH SHARWARI	Brain O Vision	03-01-22	05-02-22
17	DUDHANE KOMAL	BrainOvision	03-01-21	05-02-22
18	GADEKAR KAJAL	OASIS INFOBYTE	7/4/0022	8/5/0022
19	GADGE SUHASI SUNIL	Twowaits Technologies Pvt.	01-02-22	28-02-22
20	GAWARSHETTIWAR	Let's grow more	01-01-22	01-02-23
21	GUNDALE POONAM	Narayana Swamy N	03-01-22	05-02-22
22	GURULE DHANASHRI	1stop	10-01-22	10-03-22
23	IDHATE SHRADDHA	TCR INNOVATION	26-04-22	30-07-22
24	JADHAV UNNATI	Kasnet technology pvt.ltd	25-11-21	10-01-22
25	KAMBLE SHRADHA	1Stop Techfest IIT Bombay	20-03-22	20-05-22



26	KONDE SHRADDHA	Istop	10-02-22	10-04-22
27	KRITI SHARMA	DIY Intern	11-01-22	11-03-22
28	KSHITIJA BHARAT	TCR Innovation	12-10-21	20-12-21
29	LODHI SHREYA	TCR innovation	03-01-22	14-03-22
30	MAHADIK AKSHATA	TCR Innovation	27-01-22	20-04-22
31	NAHAR SHRUTI	TCS ION	05-11-21	03-01-22
32	NEMANWAR SATVIKA	OASIS INFOBYTE	02-09-22	03-10-22
33	PARDESHI JANHAVI	Oasis Infobyte	10-01-22	10-02-22
34	PATIL PIYUSHA	Lets Grow More	01-04-22	01-05-22
35	PHATAK SAKSHI	KasNet Technologies Pvt. Ltd.	01-12-21	15-01-22
36	RAUT PRIYA ANAND	Lakshmi Traders	01-01-22	31-01-22
37	SALUNKHE PAYAL	TCR Innovation	03-01-22	05-03-22
38	SANAPTEJASHREE	IStop association IIT Bombay	20-03-22	22-05-22
39	SANER SAKSHI	Brain O Vision	03-01-22	05-02-22
40	MAHADIK AKSHATA	TCR Innovation	03-01-22	05-02-22
41	SATHE RUCHA	Brain O Vision Solutions	26-12-21	30-04-22
42	SAYED ZIYA FATIMA	CryptoOwl	10-02-22	10-02-22
43	SHELKE TANVI	Two-Waits (Tathastu)	03-01-22	28-02-22
44	SHREYA SAHU	DIY Intern	03-01-22	05-02-22
45	SHRIYA TICKOO	Brain0Vision	03-01-22	05-02-21
46	SONAWANE GAURI	BrainOVision	10-01-22	10-02-22
47	SONAWANE SHREYA	LEARNOVATEECommerce	01-12-21	15-01-22
48	SUKHPREET KAUR	KasNet Technologies Pvt . Ltd.	01-02-22	28-02-22
49	THOPATE SIDDHI	Twowaits Technologies Pvt.	01-03-22	01-04-22
50	TILEKAR ANKITA	Raise digital	20-03-22	20-05-22
51	VERMA ANANYA	TwoWaits Technologies Pvt.	05-07-21	04-08-21
52	WADHAVANE PRACHI	Tcs ion rup 45	03-03-22	10-05-22
53	RAKSHANDA BORSE	Personify	20-03-22	20-05-22
54	DEEPALI GIRI	Two waits technologies pvt.	01-02-22	28-02-22

55	RUTUJA WANKHEDE	Pantech E Learning	11-02-22	11-03-22
56	SAKSHI ZINE	Let's Grow More	01-01-22	01-02-22
57	SHRUTI KASBE	BRAINOVISION	02-01-22	05-02-22
58	KHUSHABOO BEDWAL	DIY Intern	11-01-22	15-03-22
59	SEJAL DAHAKE	Chefathome	18-01-22	18-03-22
60	VEENA ANGALURI	The Spark foundation	01-02-22	01-03-22
61	ASHITA HIRMUKHE	Lest Grow More	01-01-22	01-02-22
62	SAMIKSHA BODE	TCSiON Rio-45	01-01-22	22-03-22
63	SAKSHI PRIYA	Futolearn	01-08-21	25-11-22
64	DHANASHREE PAWAR	CAPGUIDE	04-10-21	04-11-21
65	SANSKRUTI TALAWEKAR	Learnovate	01-01-22	11-02-22
66	SHEETAL PATIL	Oasis Infobyte	11-01-22	15-03-22
67	NASIA SHAHID	DIYIntern	01-12-21	15-01-22
68	DIVYA MASKE	Kasnet technology	03-01-22	15-02-22
69	GORAVE PURVA	Tecspeak IT Solutions	03-01-22	15-12-22
70	APURVA RAJENDRA	Tecspeak IT solution	03-01-21	03-02-22
71	GHULE DIVYA	TechMatrix Pvt.Ltd	10-03-22	10-04-22
72	NAVALE POONAM	Onkar Mathapati	16-03-22	20-04-22
73	BIRAJDAR ANURADHA	TecMatrix New Edge of	20-04-22	20-05-22
74	DAWKHRE RITIKA	TECHMATRIX	03-01-22	03-02-22
75	JAGATAP POOJA	Tec matrix	10-02-22	10-04-22
76	ADSULE VAISHNAVI	Fox Technologies	01-01-22	30-03-22
77	ZAGADE RUTUJA	Cybernetics Software Pvt.Ltd.	10-12-21	10-01-22
78	MAHAJAN VAISHANAVI	Telly soft solutions Pvt Ltd.	27-01-22	27-03-22
79	GADAKH GITANJALI	TCR Innovation	03-01-22	15-02-22
80	SHINDE POOJA	Tecspeak IT Solutions	15-02-22	20-05-22
81	CHAUDHARI ONAL	Infosys springboard, Persistent	10-01-22	10-02-22
82	SHAIKH RIFAT	Oasis Infobyte	01-02-21	01-03-21



**\*\*\*CONGRATULATIONS LIST OF TOPPERS\*\*\***

***SE Computer***

**First Rank**



**Ms. Dahake Sejal  
(SGPA 9.95)**

**Second Rank**



**Ms. Gade Bipali  
(SGPA 9.89)**



**Ms. Angaluri Veena  
(SGPA 9.86)**

**Third Rank**



**Ms. Thopate Siddhi  
(SGPA 9.86)**

***TE Computer***

**First Rank**



**Ms. Prachi Desai  
(SGPA 10)**

**Second Rank**



**Ms. Shreya Jansandekar  
(SGPA 10)**

**Third Rank**



**Ms. Srushti Jadhav  
(SGPA 10)**

**Third Rank**



**Ms. Akanksha Kadam  
(SGPA 10)**

***BE Computer***

**First Rank**



**Ms. Kritika Rai  
(SGPA 10)**

**Second Rank**



**Ms. Ankita Tiwari  
(SGPA 10)**

**Second Rank**



**Ms. Shubhangi Birajdar  
(SGPA 10)**

***BE Computer***

**Second Rank**



**Ms. Shweta Chindhe  
(SGPA 10)**

**Third Rank**



**Ms. Pranjali Salunke  
(SGPA 10)**

**Third Rank**



**Ms. Vanshika Shah  
(SGPA 10)**

## National Service Scheme (NSS)



**Prof. S.A. Itkarkar**

**Special Camp Report 2018-2019**  
**A/P Khopi, Tal-Bhor**  
**Date-11th January 2019-17th January 2019**  
**No. of NSS Volunteers- 150**



**Prof. M. A. Rane**

### **Unit Strength: 200 Volunteers**

#### **Regular Activity**

More than 50 different social and outreach programs were conducted by NSS in AY 2021-22.

- Tree plantation at Taljai Hill on account of Vatpournima and Vanmahotsav,
- Tree plantation at Gorhe (Bk) near Sinhgad fort sponsored by Nakshtraban with Z. P. School students,
- Rakshabandhan at Bharati Vidyapeeth Police Station, Traffic Police, Security Staff in BV Campus etc
- Cleanliness Drive at Mula-Mutha River with WE foundation & PMC,
- Cleanliness Drive at Historical places like Sinhgad fort, Taljai Hill, Shaniwarwada etc with WE Foundation,
- Tree Plantation activity : Each One Plant One with WE Foundation,
- Grocery Donation to Helping Hand Foundation's 'Asara: Anathancha Hakkacha Nivara' (8 January),
- Stationary Donation to slum area girls adopted by Jijau Foundation (13 January),
- Shiv Jayanti, Jijau Jayanti, Swami Vivekanand Jayanti (Youth Day) celebrations
- Marathi Bhasha Divas, AIDs Awareness Exhibition,
- Gender Sensitization workshop at SPPU,

#### **Special Camp**

Special Camp was organized from 22nd March to 28th March 2022. More than 100 NSS volunteers enthusiastically participated in 7 Days Residential Special Camp at Shriramnagar, Tal: Haveli, Dist: Pune. Sarpanch, Gramsevak, All Grampanchayat members & villagers supported whole heartedly for successful conduction of many activities.

- Cleanliness Drive at different locations of village every day,
- Awareness Street Plays by NSS volunteers,



- Awareness Rallies on different environmental & social issues like Tree plantation, Gender sensitization, Pollution free environment, Cleanliness at different levels, Importance of Education etc,
- Group Discussions for Personality Development of Volunteers every day on different topics,
- Computer Literacy for village people,
- Cultural activities, different competitions, Anand Melava to display talents of villagers,
- Food preparation by NSS volunteers in Teams for Team building & cooperation,

## SPPU Sponsored Workshops

- International Women's Day Celebration as a part of Value Education Area Level One Day Workshop for 200 Volunteers
- Lingbhav Sanvadanshilata Workshop as a part of Value Education Area Level One Day Workshop for 200 Volunteers

## Achievements/Participation

- NSS Volunteer Hrusha Gohad participated in 3 Days State Level Social Media Skill Development workshop at Bahai Academy, Panchgani.
- NSS Program Officer Prof. S. A. Itkarkar
  - is working as Area Coordinator from 2012-13 till Date,
  - completed 7 days ETI Training for Certification, 25 Jan 2022 to 31 Jan 2022
  - felicitated by Bharati Vidyapeeth Police Station for social contribution in Covid-19 pandemic on International Women's Day celebration function (8th March 2021),
  - felicitated and honored as Chief Guest by Vishwakarma Maya Yuva Pratishthan, Pune City on International Women's Day celebration function for social work (8th March 2022),
- NSS Program Officer Prof. S. A. Itkarkar was committee member for
  - Two Days Workshop on Lingbhav Sanvadanshilata : Janiv Jagruti Abhiyan at SPPU
  - Dnyan-Jyot Yatra and Inauguration of Statue of Kranti Jyoti Savitribai Phule at SPPU
  - Three Days Marathi Social Media Sammelan at SPPU
- 2 NSS volunteers and PO S. A. Itkarkar participated in Lingbhav Sanvedanshilata Janiv Jagruti Abhiyaan One Day University Level workshop at SPPU
- 5 NSS volunteers and PO S. A. Itkarkar participated in Dnyan-Jyot Yatra and Inauguration of Statue of Kranti Jyoti Savitribai Phule at SPPU.
- 2 NSS volunteers and PO S. A. Itkarkar participated in Dnyan-Jyot Yatra and Inauguration of Statue of Kranti Jyoti Savitribai Phule at SPPU
- Nss volunteer Priti Tarte has participated National integration camp 2022 held at Bharathiar university Coimbatore Tamil Nadu from 18 to 24 may 2022.

## STUDENT DEVELOPMENT OFFICE



**Prof. K. R. Chaudhari**  
M. E. (Microwave), Ph. D. (Pursuing)  
Student Development Officer

### ABOUT THE STUDENT DEVELOPMENT SECTION:

This is a unique section which has been formed with the sole intention to act as an interface between the university and the students. The section administers and makes decisions concerning student welfare, taking up issues reported by the students and resolves them by bringing it to the notice of the higher authorities of the institute.

### ACTIVITIES CONDUCTED DURING THE ACADEMIC YEAR 2021-22:

Sr. No.	Date	Activity Name	Venue	Recourse Person
1	9 July 2021	Tree Plantation	At Taljai Pathar	Principal BVCOEW, Teaching and Non-Teaching Staff.
2	9 Aug. 2021	Azadika amrut Mahotsav, Samuhik Rashtra Gaan	BVCOEW, Pune	Principal BVCOEW, Pune
3	20 Aug. 2021	Sdbhawana Diwas celebration	BVCOEW, Pune	Principal BVCOEW, Pune
4	1 Sept. to 15 Sept. 2021	Swacchata Pandharawad a Ayojan	BVCOEW, Pune	Principal BVCOEW, Pune
5	31 Oct. 2021	National Unity day celebration	BVCOEW, Pune	Principal BVCOEW, Pune



6	26 Nov.2021	Sanvidhan Diwas Celebration	BVCOEW ,Pune	Principal BVCOEW,Pune
7	24 Jan.2022	National Girl Child Day(Azadika Amrut Mahotsav)	BVCOEW ,Pune	Principal BVCOEW,Pune
8	25 Jan.2022	National Voters day(Azadika Amrut Mahotsav)	BVCOEW ,Pune	Principal BVCOEW,Pune
9	31 Jan.2022	Arsenic Album Distribution	BVCOEW ,Pune	Bharati Vidyapeeth Homeopathic Medical College,Pune
10	31 Jan.2022 to 2 Feb.2022	Electronics Skill Development Workshop	BVCOEW ,Pune (Online Mode)	Copper Cloud IoT,Pvt.Ltd.,Pune
11	10 Feb.2022	Bharat Ratna Lata Mangeshkar Sharaddhanjali i sabha	Online Mode by Minister Higher and Technical Education of Maharashtra	
12	14 Feb.	Savitri	BVCOEW ,Pune	Principal
13	26 Feb.2022	<b>Nirbhaya Kanya: Cyber Security: Crimes on social media and Challenges before cyber security</b>	BVCOEW ,Pune(On MS Teams)	Adv.Mr.Maharudra Gitte,Shivajinagar Pune
14	28 Feb.2022	<b>Marathi Bhasha Gaurav Din</b>	BVCOEW ,Pune	Principal ,Staff and Computer Students of BVCOEW,Pune

## ANTI-RAGGING COMMITTEE:

Ragging, use of drugs, drug trafficking and eve teasing, which are criminal offences, are strictly forbidden in the University and persons found indulging in such activities will be subjected to strict disciplinary and other action in keeping with the law of the land. Indulging in any criminal activity within or outside the University and any physical violence against fellow students and fellow residents will not be tolerated and will attract stern disciplinary action including rustication. A Committee has been constituted with Students' Welfare, Chief Warden, representative from Women Studies Centre, Women faculty members, Women students, Students' Union and Teachers' Association as members. Every Student admitted to the institution has the liberty to contact to the officials in case of any grievances.



Tree Plantation



Self Defence Workshop



Seminar On Woman Health



Electronics Skill Development Workshop



Tree Plantation







Seminar on Cervical cancer



Gandhi Jayanti Cleanliness drive



Sdbhawana Diwas celebration

## PLACEMENT CELL



**Prof. Mrs. P. D. Kale**  
M.E. Comp., MBA Marketing

### ABOUT PLACEMENT CELL:

For strengthening Industry-Institute interaction our institute has a strong Training and Placement Cell. The cell organizes many technical and allied events such as workshops, seminars, expert lectures on improving student personality and soft skills. Placement activities are carried out rigorously so as to make our student ready to cater the industries by all aspects.

### FEATURES:

- Accreditation: College is accredited by TCS Company.
- Soft skill development program for 60 hrs.
- Seminars: To enhance the employability of students, we conduct the Seminars on cracking of aptitude test, GD and Interview Techniques.

### ACHIEVEMENTS:-

- Students Placed till date: 1748.
- 119 Companies Visited.
- A.Y.2021-22, 314 Offers till 10th April 2023
- Dept.wise placement :- Computer :- 108 , IT:- 101, E&TC:- 105

**Company wise Placement :-** (25-PERSISTENT,46-CAPGEMINI,01-MINDSTIX, 04-IBM, 28-TCS (Ninja),01-PRINCIPAL GLOBAL SERVICES,08-EINFOCHIPS, 33-ACCENTURE,43-WIPRO,02-AMAZON, 01-APISERO, 06-STANDARD CHARTERED GBS (Global Business Services), 17-VODAFONE, 05-VIRTUSA, 12-ZENSAR,07-EURONET,03-XORIENT, 20-L&T TECHNOLOGY SERVICES LTD, 31-VOIS,05-MSYS TECHNOLOGYES, 01-INFOSYS,01-IRT DIGITAL ANALYTICS SOLUTIONS Pvt.Ltd, 01-INFRABEAT TECHNOLOGIES PVT .LTD,04-Vodafone Idea Internship,02-RELIANCE JIO,05-ITC INFOTECH,01-COGNIZANT,01-ALSTOM)



- MOU with ZENSAR for 792 hours ESD (Employability skill development program) about 105 Students have been shortlisted for this program.
- Maximum Salary offered : 08.25 Lakh/Annum
- Minimum Salary offered : 3.00 Lakh/ Annum
- Average Salary offered : 4.06 Lakh Annum

## Placed Students List 2021-22

SR. NO	NAME OF STUDENT	BRANCH	COMPANY	Company Package
1	GEETA VIJAY THORAT	COMPUETR	PERSISTENT	471000
2	DISHA VIJAY MHASKE	COMPUTER	PERSISTENT	471000
3	AKANKSHA PRAKASH KADAM	COMPUTER	PERSISTENT	471008
4	KAWALE PRATIKSHA GOVARDHAN	COMPUTER	PERSISTENT	471000
5	SWARADA JALUKAR	COMPUTER	PERSISTENT	471000
6	SRUSHTI SHEKHAR PAWAR	COMPUTER	PERSISTENT	471000
7	HARSHADA ANKAM	COMPUTER	PERSISTENT	471000
8	DHIRVA DILIP MAKADIA	COMPUTER	PERSISTENT	471000
9	SHRADDHA MISHRA	COMPUTER	PERSISTENT	471000
10	BHANDARI MALLESHWARI CHANDRAKANT	COMPUTER	PERSISTENT	471000
11	SHREYA SWAPNIL JAMSANDEKAR	COMPUTER	PERSISTENT	471000
12	ANUSHKA URUNKAR	COMPUTER	PERSISTENT	471000
13	VISHWAJEETA AVINASH GHOLAP	COMPUTER	PERSISTENT	471000
14	BHUMIKA TRIVEDI	COMPUTER	PERSISTENT	4,71,008
15	RENU CHANDRASHEKHAR KANTHI	COMPUTER	PRINCIPAL GLOBAL SERVICES	600000
16	TAMASA SARKAR	COMPUTER	PERSISTENT	471000
17	RENU CHANDRASHEKHAR KANTHI	COMPUTER	IBM	300000
18	TAMASA SARKAR	COMPUTER	AMAZON	891320
19	BHUMIKA TRIVEDI	COMPUTER	AMAZON	600000

20	MADHAVI KISAN GAIKWAD	COMPUTER	ACCENTURE	450000
21	RENU CHANDRASHEKHAR KANTHI	COMPUTER	ACCENTURE	650528
22	VISHAKHA MANOHAR PATIL	COMPUTER	ACCENTURE	450000
23	PRACHI SHANKAR DESAI	COMPUTER	ACCENTURE	450000
24	NIKITA NITIN BARVE	COMPUTER	ACCENTURE	650528
25	MANDAVE AISHWARYA ANANDRAO	COMPUTER	ACCENTURE	450000
26	DASARE VAISHNAVI SURYAKANT	COMPUTER	ACCENTURE	650528
27	SRUSHTI PRAVIN SHITOLE	COMPUTER	ACCENTURE	450000
28	ROSHNI PATIL	COMPUTER	ACCENTURE	450000
29	MRUNAL GHODKE	COMPUTER	ACCENTURE	450000
30	PRANOTI PRASHANT WAKODKAR	COMPUTER	MINDSTIX	430000
31	SAKSHI MOGARKAR	COMPUTER	CAPGEMINI	380000
32	YASHIKA PARESH PALAN	COMPUTER	CAPGEMINI	380000
33	PALAK MALIK	COMPUTER	CAPGEMINI	380000
34	JAHNAVI SHARMA	COMPUTER	CAPGEMINI	400000
35	MADHAVI KISAN GAIKWAD	COMPUTER	CAPGEMINI	400000
36	VISHAKHA MANOHAR PATIL	COMPUTER	CAPGEMINI	400000
37	RITIKA RAI	COMPUTER	CAPGEMINI	750000
38	RIYA VILAS SATAM	COMPUTER	CAPGEMINI	380000
39	PRANJALI PRAVIN PAWAR	COMPUTER	CAPGEMINI	400000
40	MANDAVE AISHWARYA ANANDRAO	COMPUTER	CAPGEMINI	380000
41	JAGTAP RUTUJA VIJAY	COMPUTER	CAPGEMINI	380000
42	PRACHI SHANKAR DESAI	COMPUTER	CAPGEMINI	380000
43	SRUSHTI ASHOK JADHAV	COMPUTER	CAPGEMINI	400000
44	TANUSHREE PRABHAKAR KOHAD	COMPUTER	CAPGEMINI	380000



45	SHREYA SWAPNIL JAMSANDEKAR	COMPUTER	WIPRO	350004
46	MADHAVI KISAN GAIKWAD	COMPUTER	WIPRO	350004
47	PRACHI SHANKAR DESAI	COMPUTER	WIPRO	350004
48	NIKITA NITIN BARVE	COMPUTER	WIPRO	350004
49	RIYA VILAS SATAM	COMPUTER	WIPRO	350004
50	PRATIKSHA VINAYAK SUTAR	COMPUTER	WIPRO	350004
51	SRUSHTI ASHOK JADHAV	COMPUTER	WIPRO	350004
52	JAGTAP RUTUJA VIJAY	COMPUTER	WIPRO	350004
53	ROSHNI PATIL	COMPUTER	WIPRO	350004
54	TANUSHREE PRABHAKAR KOHAD	COMPUTER	TCS	336877
55	VISHAKHA MANOHAR PATIL	COMPUTER	TCS	336877
56	YASHIKA PARESH PALAN	COMPUTER	TCS	336877
57	PRANJALI PRAVIN PAWAR	COMPUTER	ELNFOCHIPS	500000
58	SAKSHI SUBHASH PATEL	COMPUTER	STANDARD CHARTERED GBS (Global Business Services)	825000
59	RITIKA RAI	COMPUTER	STANDARD CHARTERED GBS (Global Business Services)	825000
60	BHANDARI MALLESHWARI CHANDRAKANT	COMPUTER	STANDARD CHARTERED GBS (Global Business Services)	750000
61	NIKITA NITIN BARVE	COMPUTER	STANDARD CHARTERED GBS (Global Business Services)	750000
62	SRUSHTI ASHOK JADHAV	COMPUTER	TCS	336877
63	SONAL SANTOSH KALE	COMPUTER	TCS	336877
64	SUSHMITA ANIL KULKARNI	COMPUTER	TCS	3,36,877
65	PRACHI SOMNATH TODKARI	COMPUTER	TCS	336877
66	PRATIKSHA VINAYAK SUTAR	COMPUTER	TCS	350000

67	RITIKA RAI	COMPUTER	TCS	350000
68	SHIVANI NITIN PAYGUDE	COMPUTER	ACCENTURE	450000
69	PRANJALI PRAVIN PAWAR	COMPUTER	ZENSAR	300000
70	POONAM DIGAMBAR DEDE	COMPUTER	ZENSAR	300000
71	DIPALI RAJENDRA SALUNKE	COMPUTER	ZENSAR	300000
72	RATNAPARKHI ARATI ANANT	COMPUTER	ZENSAR	406864
73	SHREYA SWAPNIL JAMSANDEKAR	COMPUTER	ZENSAR	300000
74	PRACHI SOMNATH TODKARI	COMPUTER	CAPGEMINI	380000
75	DHIRVA DILIP MAKADIA	COMPUTER	TCS	336877
76	DHIRVA DILIP MAKADIA	COMPUTER	WIPRO	350004
77	PRANJALI PRAVIN PAWAR	COMPUTER	TCS	350000
78	PRANJALI PRAVIN PAWAR	COMPUTER	WIPRO	350004
81	SONAL SANTOSH KALE	COMPUTER	WIPRO	350004
82	SAKSHI SHIVDAS SHEDGE	COMPUTER	EURONET	400000
83	RATNAPARKHI ARATI ANANT	COMPUTER	VODAFONE	400000
84	BARBATE SHIVANI VISHWAJIT	COMPUTER	VODAFONE	400000
85	DIPALI RAJENDRA SALUNKE	COMPUTER	VIRTUSA	450000
86	SHREYA SWAPNIL JAMSANDEKAR	COMPUTER	VIRTUSA	450000
87	PRANJALI PRAVIN PAWAR	COMPUTER	VIRTUSA	450000
88	THORAVE PRADNYA KISHOR	COMPUTER	VIRTUSA	450000
89	SNEHAL MACHHINDRA LONDHE	COMPUTER	ZENSAR	406864
90	DHIRVA DILIP MAKADIA	COMPUTER	XORiant	300000
91	AKANKSHA PRAKASH KADAM	COMPUTER	XORiant	300000
92	SHREYA SWAPNIL JAMSANDEKAR	COMPUTER	XORiant	300000
93	PRIYANKA PRADIP SHINDE	COMPUTER	L&T TECHNOLOGY	300000
94	RATNAPARKHI ARATI ANANT	COMPUTER	VOIS	350000



95	BARBATE SHIVANI VISHWAJIT	COMPUTER	VOIS	350000
96	SWAPNALI AVINASH KALDHONE	COMPUTER	VOIS	350000
97	SHRAVANI SATISH SHINDE	COMPUTER	VOIS	350000
98	PRIYANKA PRADIP SHINDE	COMPUTER	VOIS	350000
99	TANPURE RUTUJA SANJIV	COMPUTER	VOIS	350000
100	HENSI THAKKAR	COMPUTER	VOIS	350000
101	GOHEL PRACHI ASHOK	COMPUTER	VOIS	350000
103	RADHIKA ARUN TIKONE	COMPUTER	RELIANCE JIO	350000
104	SAYYAD SAMINA LADLESAB	COMPUTER	ITC INFOTECH	350000
105	VAISHNAVI MADHUKAR BHOSALE	COMPUTER	INFOSYS	320000
106	JADHAV SEEMA MAHADEV	COMPUTER	WIPRO	450000
107	PRIYANSHI SINHA	E&TC	PERSISTENT	471000
108	VISHAKHA VIMALCHAND WAGHMARE	E&TC	PERSISTENT	471000
109	KOMAL SINGH	E&TC	PERSISTENT	471000
110	MADHURA SAURABH MIRIKAR	E&TC	PERSISTENT	471000
111	AISHWARYA CHANDRASHEKHAR MOKASHI	E&TC	PERSISTENT	471000
112	DEVYANI VILAS THERE	E&TC	PERSISTENT	471008
113	ANUSUIYA PARIHAR	E&TC	IBM	300000
114	ANUSUIYA PARIHAR	E&TC	ACCENTURE	450000
115	VEDANTI CHINCHMALATPURE	E&TC	ACCENTURE	450000
116	SHRUTIKA SANJAY BHUJBAL	E&TC	ACCENTURE	450000
117	SUJATA SAMBHAJIRAOJADHAV	E&TC	ACCENTURE	450000
118	AYUSHI PRAMOD SAVALDEKAR	E&TC	ACCENTURE	450000
119	SHWETA SHIRISHKUMAR PATIL	E&TC	ACCENTURE	450000
120	DEEPIKA UDDHAV BHUKELE	E&TC	ACCENTURE	450000
121	AYUSHI PRAMOD SAVALDEKAR	E&TC	CAPGEMINI	380000

122	PRATIKSHASANJAY DESHMUKH	E&TC	WIPRO	350004
123	SAMRUDDHI UMESH SHUKLA	E&TC	CAPGEMINI	380000
124	MONE SWARADA SAMEER	E&TC	CAPGEMINI	400000
125	MEGHA DNYANESHWAR ARGADE	E&TC	CAPGEMINI	400000
126	ISHIKA SANTOSH BAGDIYA	E&TC	CAPGEMINI	380000
127	SUJATA SAMBHAJIRAOJADHAV	E&TC	CAPGEMINI	380000
128	BHAVYA SHARMA	E&TC	CAPGEMINI	380000
129	SHUBHDA GANESH GHONE	E&TC	CAPGEMINI	380000
130	NEHA DIPAK WALUNJ	E&TC	CAPGEMINI	380000
131	KHUSHBOO RATHI	E&TC	CAPGEMINI	400000
132	AIMAN AKHLAQUE PATHAN	E&TC	WIPRO	350004
133	KOKATE NEHA SURESH	E&TC	WIPRO	350004
134	SONALI AJAYKUMAR BANSODE	E&TC	WIPRO	350004
135	SURBHI SATISH RAUT	E&TC	WIPRO	350004
136	POOJA KAILAS JAIN	E&TC	CAPGEMINI	400000
137	SHUBHDA GANESH GHONE	E&TC	TCS	336877
138	SHUBHDA GANESH GHONE	E&TC	ELNFOCHIPS	500000
139	NAAZ ABDULHAMID RAMPURE	E&TC	ELNFOCHIPS	500000
140	MEENAL MAHESH KORE	E&TC	STANDARD CHARTERED GBS (Global Business Services)	825000
141	MADHURA SAURABH MIRIKAR	E&TC	STANDARD CHARTERED GBS (Global Business Services)	825000
142	SANIYA BADSHAHNADAF	E&TC	TCS	336877
145	PATIL ANKITA BHARAT	E&TC	TCS	350000
146	APURVA BHARAT PATIL	E&TC	TCS	350000



147	ANUPRIYA KUMARI	E&TC	TCS	350000
148	KHUSHBOO RATHI	E&TC	ZENSAR	406864
149	PRANJALI BHALCHANDRA PATIL	E&TC	ZENSAR	300000
150	SURBHI SATISH RAUT	E&TC	PERSISTENT	471000
151	ISHA PRAVIN SOLAO	E&TC	EURONET	400000
152	KAUSHIKI KISHORE BOPCHE	E&TC	VODAFONE	400000
153	ADITI SANTOSH PILANE	E&TC	VODAFONE	400000
154	AISHWARYA RAMESH SAWANT	E&TC	VODAFONE	400000
155	RUTUJA SURYAKANT NIKAM	E&TC	VODAFONE	400000
156	VRUSHALI ANIL LOKHANDE	E&TC	VODAFONE	400000
157	MANSI DILIP KULKARNI	E&TC	VODAFONE	400000
158	ANUPRIYA KUMARI	E&TC	VODAFONE	400000
159	SHWETA VILAS VETAL	E&TC	VODAFONE	400000
160	SHREYA JYOTINATH SHINDE	E&TC	VODAFONE	400000
161	DHANASHRI BASAYYA HIEMATH	E&TC	VODAFONE	400000
162	ANKAM NISHA SHRINIVAS	E&TC	VODAFONE	400000
163	PRIYANKA SUSHILKUMAR SAWALE	E&TC	VIRTUSA	450000
164	ANISHA MAHESH PAWAR	E&TC	L&T TECHNOLOGY	400000
165	RUCHITA SAHEBRAO GOGAWALE	E&TC	L&T TECHNOLOGY	400000
166	VAISHNAVI VITTHAL TONAGE	E&TC	L&T TECHNOLOGY	400000
167	VAIBHAVI JAYANT MUSALE	E&TC	L&T TECHNOLOGY	400000
168	RENUKA YOGESH KHER	E&TC	L&T TECHNOLOGY	400000
169	KALPANA BALIRAM SHINDE	E&TC	L&T TECHNOLOGY	400000
170	SHITAL NAMDEVRAO MAMADGE	E&TC	L&T TECHNOLOGY	400000
171	YASHASHRI KESHAVRAO KATALE	E&TC	L&T TECHNOLOGY	400000

172	SAKSHI KISHOR BHINGARDE	E&TC	L&T TECHNOLOGY	400000
173	GAURI ANIL KADAM	E&TC	L&T TECHNOLOGY	400000
174	SHAHISTA SALIM TAMBOLI	E&TC	L&T TECHNOLOGY	400000
175	PRIYANKA SURESH SAKPAL	E&TC	L&T TECHNOLOGY	400000
176	RUSHIKA KISHOR HATWAR	E&TC	L&T TECHNOLOGY	400000
177	ARTHA SANGRAMSINH TAWARE	E&TC	L&T TECHNOLOGY	400000
178	SHREYA SANJAY SUTAR	E&TC	L&T TECHNOLOGY	400000
179	KAUSHIKI KISHORE BOPCHE	E&TC	VOIS	350000
180	ADITI SANTOSH PILANE	E&TC	VOIS	350000
181	AISHWARYA RAMESH SAWANT	E&TC	VOIS	350000
182	RUTUJA SURYAKANT NIKAM	E&TC	VOIS	350000
183	VRUSHALI ANIL LOKHANDE	E&TC	VOIS	350000
184	MANSI DILIP KULKARNI	E&TC	VOIS	350000
185	ANUPRIYA KUMARI	E&TC	VOIS	350000
186	SHWETA VILAS VETAL	E&TC	VOIS	350000
187	SHREYA JYOTINATH SHINDE	E&TC	VOIS	350000
188	DHANASHRI BASAYYA HIEMATH	E&TC	VOIS	350000
189	ANKAM NISHASHRINIVAS	E&TC	VOIS	350000
190	PURVA PRAVIN KOMAJPILLEWAR	E&TC	VOIS	350000
191	POOJA AJAY SHARMA	E&TC	VOIS	350000
192	SHREYA SANJAY SUTAR	E&TC	VOIS	350000
193	VRUSHALI ARUN SIDANAIAK.	E&TC	VOIS	350000
194	SAKSHI LAXMAN KUMBHAR	E&TC	MSYS TECHNOLOGIES	300000
195	PRANJALI BHALCHANDRA PATIL	E&TC	WIPRO	350004
196	MANSI DILIP KULKARNI	E&TC	WIPRO	350004



197	ANUPRIYA KUMARI	E&TC	WIPRO	300000
198	ANUPRIYA KUMARI	E&TC	ELNFOCHIPS	300000
199	SHWETA VILAS VETAL	E&TC	WIPRO	350004
200	DHANASHRI BASAYYAHIREMATH	E&TC	WIPRO	350004
201	PRIYANKA SUSHILKUMAR SAWALE	E&TC	WIPRO	350004
202	PRIYANKA SUSHILKUMAR SAWALE	E&TC	TCS	336877
203	RUTUJA DEVENDRA GATHE	E&TC	INFRABEAT TECHNOLOGIES PVT LTD	350000
204	KALYANI DILIP GADHAVE	E&TC	RELIANCE JIO	350000
205	SIDDHI DILIP JADHAV	E&TC	VODAFONE IDEA INTERNSHIP	450000
206	DIPTI RAMDAS PIMPARKAR	E&TC	VODAFONE IDEA INTERNSHIP	450000
207	PRATIKSHA SUBHASH GHOLAP	E&TC	ITC INFOTECH	350000
208	NIKITA KALYAN SOLUNKE	E&TC	ITC INFOTECH	350000
209	KALYANI DILIP GADHAVE	E&TC	ITC INFOTECH	350000
210	VAISHNAVI VITTHAL TONAGE	E&TC	VODAFONE IDEA	400000
211	RUTUJA RAVINDRA KONDE	IT	PERSISTENT	471000
212	KIRTI BAJIRAO SALUNKHE	IT	PERSISTENT	471000
213	GARIMA SRIVASTAV	IT	PERSISTENT	471000
214	YUKTA RAVINDRA PATIL	IT	IBM	300000
215	VRUSHALI MAHESH PHATALE	IT	IBM	300000
216	YUKTA RAVINDRA PATIL	IT	ACCENTURE	450000
217	RAJESHWARI SUBHASH CHILLARGE	IT	ACCENTURE	450000
218	MANISHA GANESH LAKHE	IT	ACCENTURE	450000
219	NETRA SANTOSH HINGE	IT	ACCENTURE	450000
220	PRANALIPANDIT JAMDADE	IT	ACCENTURE	450000
221	RUTUJA KISHOR SOMVANSHI	IT	ACCENTURE	450000

222	PRIYANKA ANIL DESAI	IT	ACCENTURE	450000
223	VASUDHA BHASKARRAO BHANDURGE	IT	ACCENTURE	450000
224	JANHAVI DHARMENDRA MAJGE	IT	ACCENTURE	450000
225	ANUJA ANIL BHOSALE	IT	ACCENTURE	450000
226	KOMAL PRIYA JHA	IT	ACCENTURE	450000
227	AISHWARYA RAJESHWAR MUNESHWAR	IT	ACCENTURE	450000
228	SHAURYA RAINA	IT	ACCENTURE	450000
229	TRUSHNA KASHIRAM PATIL	IT	ACCENTURE	450000
230	KAJOL ROOPCHAND PAWAR	IT	CAPGEMINI	400000
231	VARSHA HAIBAT DHOPE	IT	CAPGEMINI	380000
232	SANYUKTA SANJAYRAO DESHMUKH	IT	CAPGEMINI	380000
233	PRANJAL SHALIGRAM PATIL	IT	CAPGEMINI	380000
234	AAYUSHKA VILAS ZUNJUR	IT	CAPGEMINI	400000
235	SUMAT JITENDRA GOUD	IT	CAPGEMINI	380000
236	NETRA SANTOSHHINGE	IT	CAPGEMINI	380000
237	SWAMINI DEEPAK SONTAKKE	IT	CAPGEMINI	750000
238	KRUPALI RAJENDRA BHOIR	IT	CAPGEMINI	380000
239	SUDHISHA SUBODH ZARE	IT	CAPGEMINI	400000
240	PRANALI PANDIT JAMDADE	IT	CAPGEMINI	380000
241	RANU KUMARI	IT	CAPGEMINI	380000
242	YUKTA RAVINDRA PATIL	IT	CAPGEMINI	380000
243	YUTIKA KIRAN VORA	IT	ELNFOCHIPS	500000
244	VARSHA HAIBAT DHOPE	IT	WIPRO	350004
245	BHAGYASHRI JANARDAN BAVKAR	IT	WIPRO	350004
246	VRUSHALI MAHESH PHATALE	IT	WIPRO	350004
247	KANCHAN SANJAY WAGH	IT	WIPRO	350004



248	JANHAVI PRABHAKAR MORE	IT	WIPRO	350004
249	KATHY RAINA	IT	WIPRO	350004
250	DIVYA VARPE	IT	WIPRO	350004
251	RAJESHWARI SUBHASH CHILLARGE	IT	WIPRO	350004
252	ROHINI BHIMRAO SAWANT	IT	WIPRO	350004
253	ROHINI VIJAY ITHAPE	IT	WIPRO	350004
254	KAJOL ROOPCHAND PAWAR	IT	TCS	350000
255	SHRADDHA MURLIDHAR DESHMUKH	IT	ELNFOCHIPS	500000
256	SANJANA ARVIND AHER	IT	ELNFOCHIPS	500000
257	AAYUSHKA VILAS ZUNJUR	IT	TCS	350000
258	PRANALI PANDIT JAMDADE	IT	TCS	350000
259	SANUJA SANJAY SHITOLE	IT	TCS	350000
260	SWAPNALI DEVIDAS SHIPANKAR	IT	TCS	350000
261	NETRA SANTOSH HINGE	IT	TCS	350000
262	MANISHA GANESH LAKHE	IT	TCS	350000
263	AISHWARYA SANJAY BODHE	IT	ACCENTURE	450000
264	PRANJAL SHALIGRAM PATIL	IT	WIPRO	350000
265	PRACHI CHIDANAND KALADEEP	IT	WIPRO	350000
266	PRACHI CHIDANAND KALADEEP	IT	ZENSAR	300000
267	SHRADDHA MURLIDHAR DESHMUKH	IT	ZENSAR	300000
268	VAISHNAVI ANIL TAMBE	IT	ZENSAR	406864
269	KAJOL ROOPCHAND PAWAR	IT	ZENSAR	300000
270	MANISHA GANESH LAKHE	IT	CAPGEMINI	750000
271	SAKSHI ANKUSH BERAD	IT	EURONET	400000
272	PRACHI CHIDANAND KALADEEP	IT	EURONET	300000
273	HARSHADA HANSRAJ DEORE	IT	EURONET	400000

274	KIRTI BAJIRAO SALUNKHE	IT	EURONET	400000
275	SANYUKTA SANJAYRAO DESHMUKH	IT	EURONET	300000
276	MUSKAN SANJEEV CHAVAN	IT	VODAFONE	400000
277	GAYATRI DHANANJAY SAWALE	IT	VODAFONE	400000
278	SANUJA SANJAY SHITOLE	IT	VODAFONE	400000
279	PRITI GANESH DHOKTE	IT	VODAFONE	350000
280	RAJESHWARI SUBHASH CHILLARGE	IT	CAPGEMINI	750000
281	APURVA SURENDRA DAHIPHALKAR	IT	L&T TECHNOLOGY	400000
282	NEHA PANDHARE DEVANAND	IT	L&T TECHNOLOGY	400000
283	AISHWARYA DILIP MORE	IT	L&T TECHNOLOGY	400000
284	SANSKRUTI RAVINDRA DHAMALE	IT	L&T TECHNOLOGY	300000
285	PRITI GANESH DHOKTE	IT	VOIS	350000
286	MUSKAN SANJEEV CHAVAN	IT	VOIS	350000
287	GAYATRI DHANANJAY SAWALE	IT	VOIS	350000
288	SANUJA SANJAY SHITOLE	IT	VOIS	350000
289	HARSHITA GARGE	IT	VOIS	350000
290	CHAITRALI GANESH OGALE	IT	VOIS	350000
291	TULASI DNYANESHWAR MORE	IT	VOIS	350000
292	DEEPALI BHAGWAN DHEBE	IT	VOIS	350000
293	SHRADHA SANJAY KOYALE	IT	MSYS TECHNOLOGIES	400000
294	UTKARSHA SAHEBRAO NIKAM	IT	MSYS TECHNOLOGIES	400000
295	DIVYANGI SANJAY KOLHE	IT	MSYS TECHNOLOGIES	300000
296	SWAPNALI DEVIDAS SHIPANKAR	IT	WIPRO	350004
297	KAJOL ROOPCHAND PAWAR	IT	WIPRO	350004
298	DEEPALI BHAGWAN DHEBE	IT	IRT DIGITAL ANALYTICS SOLUTIONS Pvt.Ltd	500000



299	PRIYANKA DILIP DHASADE	IT	EINFOCHIPS PRIVATE LIMITED	400000
300	PRIYANKA DILIP DHASADE	IT	WIPRO	350004
301	PRIYANKA DILIP DHASADE	IT	CAPGEMINI	400000
302	HARSHITA GARGE	IT	VODAFONE IDEA INTERNSHIP	350000
303	NISHA LAXMAN RATHOD	IT	ITC INFOTECH	350000
304	TRUSHNA KASHIRAM PATIL	IT	ELNFOCHIPS	400000
305	TRUSHNA KASHIRAM PATIL	IT	COGNIZANT	401988
306	SANCHITA CHANDRAKANT JOSHI	IT	CAPGEMINI	450000

# GYMKHANA



**Dr. Gauri G. Patil**  
M.P.Ed., M.Phil., Ph.D. (Phy.Edu.)  
HOD

## About Gymkhana: -

Bharati Vidyapeeth's College of Engineering for Women, Pune has a separate section for Gymkhana for the physical fitness of the students. All the necessary sports equipment's are provided to the students. Students are encouraged to participate in various sports activities at the college and University level. Our college organizes various events such as webinars, chess competition, Pune city zone intercollegiate basketball Men/Women competition, Yoga Day, Fit-India celebration, physical skill test for First Year students and annual sports week every year. The winners are felicitated at annual social gathering.

## Vision:

To provide a wide range of opportunities for women students to participate in sports and fitness activities, that promote physical, mental and emotional well being.

## Mission: -

1. To organize sports tournaments and events that provide women students with opportunities to compete and showcase their skills.
2. To promote teamwork, sportsmanship, and fair play and to encourage women students to compete with integrity and respect for their opponents.
3. To provide fitness training and guidance to women students, helping them to develop a healthy and active lifestyle.

## Goals: -

- To develop physical and mental fitness
- To spread awareness of sports in the pursuit of a healthy and active lifestyle at the institute and beyond
- To develop leadership skills, healthy competition, trust, and responsibility while in a group
- To develop self-esteem and self-confidence through positive sporting experiences

## Facilities available: -



SR. No.	Outdoor Games	Indoor Games
1	Volleyball	Table-Tennis
2	Basketball	Chess
3	Cricket	Carrom
4	Football	
5	Kabaddi	
6	Kho-Kho	
7	Athletics	

## Online Activities organized during the academic year: -

Sr. No	Online Webinar	Speaker	Date	Participants
1	Fitness and well-being for young generation	Dr. Kavita Sisodia	09/10/2021	120
2	Online Chess Competition	Sohel Sheikh	22/08/2021	50

## Activities organized during the academic year: -

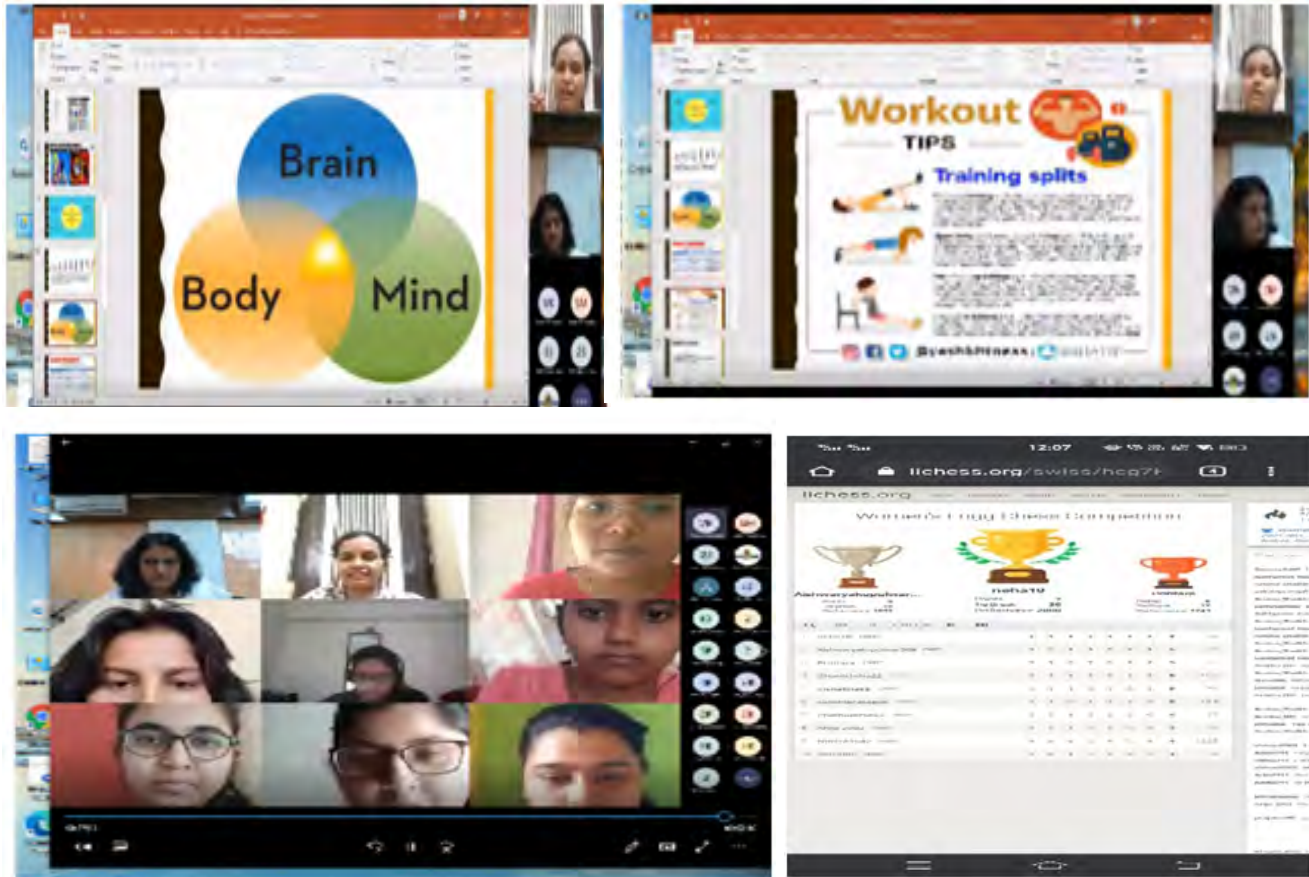
Sr.No	Activities	Date	Participants
1	Pune city sports zone Inter-collegiate basketball (M/W) competition	29,30/11/2021	300
2	Fit- India Program	03/12/2021	50
3	Independence Day	15/08/2021	120
4	Stress Management	23/04/2022	500

## List of participants students

### Intercollegiate zonal competition: - 2021

Sr.No	Name of the students	Dept./Class	Game
1	Dhanashree Kadam	SE-1 E&TC	Cross-Country
2	Nikita Shedge	SE-2 E&TC	Cross-Country
3	Priti Tarate	SE-2 E&TC	Chess
4	Sneha Salunkhe	SE IT	Chess
5	SanikaSalunkhe	SE E&TC	Chess
6	Samata Bora	SE IT	Chess
7	VaishanaviJagadaale	SE E&TC	Chess

**Photo Gallery: -  
Online Webinar  
Fitness & well - being for young generation**



**Intercollegiate Basketball competition(M/W)**







## Media News

### महाराष्ट्र स्पोर्ट्स

#### बास्केटबॉल स्पर्धेत सूर्यदत्ता महाविद्यालय, एस. पी. महाविद्यालय संघ अजिंक्य

पुणे - महाराष्ट्र स्पोर्ट्स संस्थेने पुणे येथील सूर्यदत्ता महाविद्यालय, एस. पी. महाविद्यालय संघाच्या बास्केटबॉल स्पर्धेत अजिंक्यपद जिंकले. या स्पर्धेत सूर्यदत्ता महाविद्यालय, एस. पी. महाविद्यालय संघाने उत्कृष्ट कामगिरी करून अजिंक्यपद जिंकले. या स्पर्धेत सूर्यदत्ता महाविद्यालय, एस. पी. महाविद्यालय संघाने उत्कृष्ट कामगिरी करून अजिंक्यपद जिंकले.



सूर्यदत्ता महाविद्यालय, एस. पी. महाविद्यालय संघाने उत्कृष्ट कामगिरी करून अजिंक्यपद जिंकले. या स्पर्धेत सूर्यदत्ता महाविद्यालय, एस. पी. महाविद्यालय संघाने उत्कृष्ट कामगिरी करून अजिंक्यपद जिंकले.



## Fit India Program



# ARTCIRCLE



**Prof. A. P. Kadam**  
M. E. Computer, Ph.D. (Pursuing)  
Head

## About Art Circle: -

Bharati Vidyapeeth's College of Engineering for Women, Pune has a separate section for Art Circle for the overall development of the students. Some musical equipment is provided to the students. Students are encouraged to participate in various cultural activities at the college and University level. Our college organizes various events such as webinars, cultural competition, workshop, cultural days, Chhatrapati Shivaji Jayanti, Annual event etc. for all students every year. The winners are felicitated in the event itself.

## Vision

- -Giving young minds a platform to follow their hearts.

## Mission

- -To explore your hidden passion, and realizing your true potential.

## Goals/Objectives:

- To represent our college at various platforms, and taking it one step ahead.
- To help our students become confident and competent individuals.
- To conduct various Virtual and Physical activities under the art circle that will act as a stress reliever for our students and teachers.
- Forming numerous clubs under the art circle; Dance Club, Debate Club, College Band, Design Club etc., for encouraging student engagement in extracurricular activities.

## Facilities available: -

SR. No.	Musical Instrument
1	Guitar
2	Harmonica
3	Casio Musical keyboard
4	Violin
5	Maracas
6	Tambourine



## Online Activities organized during the academic year: -

Sr.No	Activities	Date	Participants
1	Chatrapati Shivaji Maharaj Jayanti Sohala	19/2/2022	40

## Offline Activities organized during the academic year: -

Sr.No	Activities	Date	Participants
1	Marathi Rajya Bhasha Diwas	28/2/2022	15
2	Cultural Days Bollywood Day Traditional Day	5/5/2022 to 6/5/2022	300

## Photo Gallery: -

### Chatrapati Shivaji Maharaj Jayanti Sohala 19th February 2022 In photo

Staff: Prof. Anjali Kadam, Prof. Dr. S.R. Patil, Prof. Savita Itkarkar

Students: Sakshi Jagtap, Chetana Dusane, Madhura Dixit, Pooja Pathak, Khushi



Marathi Rajya Bhasha Diwas on 28th February 2022 BY SE COMPUTER students.

Students performed various activities like speech, poem reading, singing in Marathi bhasha





## Cultural Days

**Bollywood Day 5th May 2022**

**Traditional Day 6th May 2022**

In Photo Various Students in different Attire for Bollywood and Traditional Day with Staff Member Prof. Anjali Kadam, Prof. Sayalee Deshmukh.









# CENTRAL LIBRARY



**Mr. Birajdar V. S.**  
Librarian,  
M. A., M. Lib. & I. Sc., SET

## ABOUT BVCOEW CENTRAL LIBRARY:

Our college library has sufficient number of reference books, textbooks, E-Books, National Journals /Periodicals to satisfy the requirements of the AICTE and syllabus of the university. As far as the reading interest of students is concerned literatures, Biographies, Daily news papers (English and Marathi languages), Book Bank Scheme for S.C./S.T. students, Book Bank scheme for Topper students, Internet 155 mbps, wi-fi connectivity, E-resources, NDLI CLUB (M.O.E.) Membership etc are also available in good number. Library area is 408 sq. m. and spacious reading hall of capacity near about 200 students is available. Library facility is available as per the need of students and faculty

## FACULTY PROFILE:

Sr. No.	Name of The Staff Member	Designation	Qualification	Experience in Yrs.
1	Mr. Birajdar V. S.	Librarian	M.A.,M. Lib. & I. Sc., SET Qualified	23 Years
2	Dipali Babar	Lab. Attendant	11 <sup>th</sup> Pass.	09 years
3	Mr. Salunkhe S. S.	Peon	H.S.C. fail	29 years
4	Mr. Mahapure A.B.	Peon	7 <sup>th</sup>	20 year

## LIBRARY COMMITTEE:

Sr. No.	Name	Designation
1	Prof. (Dr.) S. R. Patil	Chairman (Principal)
2	Prof.(Dr.) S. R. Patil	Member (H.O.D. E & TC)
3	Prof.(Dr.) D.A. Godse	Member (H.O.D. I.T.)
4	Prof. D.D. Pukale	Member (H.O.D. Comp. Engg..)
5	Prof. (Dr.) A.M. Pawar	Member (H.O.D. Basic Sc. & Allied Engg.)
6	Prof.(Dr.) S. S. Chorage	NAAC Coordinator & Member (E & TC)
7	Prof. P.D. Kale	Member (T & P Officer)
8	Prof.(Dr.) S. M. Rajbhoj	Member (E & TC.)
9	Prof. S.T. Khot	Member (E & TC.)
10	Mr. S. N. Chavare	Senior Technology Support Engineer.
11	Jamdade Sae Jitendra	Student Member (Comp. Engg.)
12	Mr. V.S. Birajdar	Secretary (Librarian)



## FEATURES OF LIBRARY:

- (1) The CCTV cameras are set for surveillance.
- (2) Reprography Services.
- (3) Printing Facility.
- (4) NDLI CLUB (M.O.E.) Membership
- (5) Wi-Fi connectivity & Internet Facility.
- (6) Digital Library
- (7) Download facility of E-Journals, E-Books etc.
- (8) OPAC / WEBOPAC.
- (9) Inter Library Loan Services (DELNET).
- (10) Open Access Facility for staff and Students.
- (11) Book Bank Scheme for S.C. /S.T. students and Toppers.
- (12) Question Papers Set.
- (13) University Syllabus.
- (14) User orientation and awareness services.
- (15) Special facilities offered by the library to the visually/physically challenged persons.
- (16) Qualified staffs are for helping and Assistance in searching Database services.
- (17) Notice Boards for Important notices.
- (18) Suggestion for Student Feedback.

Sr. No.	Details	Faculty	Qty.
1	National Journals/Periodicals Print	For all branches	30
2	News Papers	Marathi, English and Hindi	14
3	Computers	Digital library	20
4	Laptop		01
5	Digital Library	E-Books, E- journals, SCOPUS, DELNET, NPTEL, NDLI etc.	
6	Internet Facilities	155 Mbps, & wi-fi Connectivity	
7	Library Management S/W	SOUL 3.0, OPAC, Web Opac, Multi Users	01
8	Multimedia systems		14
9	CD's	Alongwith Book's Alongwith Periodicals	2252 1063
10	Library Books	Books for UG	22538
		Books for P.G.	602

		Books for SC/ST students (From Social Welfare)	797
		Books Donated	610
11	E-Books	Mc Graw Hill & Pearson Education	541
12	NPTEL	National Programme on Technology Enhance Learning IIT Video Lectures,	IIT Video Lectures
13	Xerox Facility		1
14	HP Laser jet Printer		01
15	Library provides reference services	University Syllabi, Question papers sets for all branches Soft and Hard Copies, News papers Clipping.	
16	Library fully Automated & WEB OPAC facility provided to all staff & students	Web. Link 172.16.84.27/webopac	

### DR. S. R. RANGANATHAN'S FIVE LAWS OF LIBRARY SCIENCE

Sr. No.	Laws
1	Books are for use
2	Every reader his/her book.
3	Every book its reader.
4	Save the time of the reader.
5	The Library is a growing organism.

### PHOTO GALLERY: BVCOEW CENTRAL LIBRARY



BVCOEW Library



SOUL 2.0 WEB OPAC ON





**LIBRARY BOOK SHELVES**



**LIBRARY BOOK SHELVES & BOOK(S) CIRCULATION COUNTER**



**JOURNALS / PERIODICALS SECTION**



**DIGITAL LIBRARY**



**READING HALL**



**DIGITAL LIBRARY & REFERDENCE SECTION**





## THE ALUMNI ASSOCIATION:



Left to Right: Prof.N.I. Dalvi, Prof.S.B. Dhutturgi, Prof.Dr.V.R. Pawar, Prof.V.V. Gaikwad, Prof.K.D. Mahajan

### ABOUT ALUMNI ASSOCIATION:

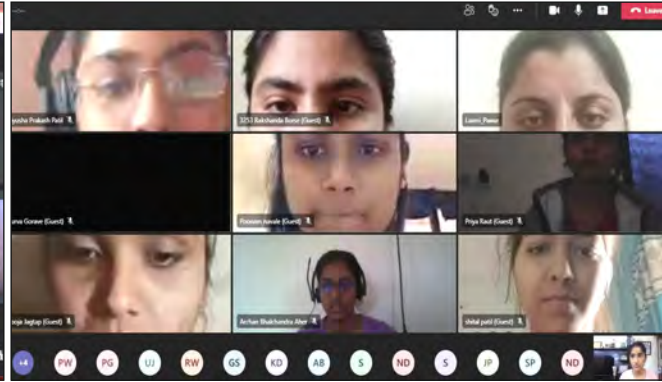
Bharati Vidyapeeth's College of Engineering for Women registered alumni association at Charity Commissioners Office, Pune, Maharashtra, Reg. No. Maha/1403/2017/Pune dated 6 Oct 2017. It has more than 3500 Alumni registered in this association.

To strengthen the bond between alumni and its Alma matter, Alumni association continuously strives to have continuous contact with the alumni and involve them in the current activities of the institute which will also be beneficial to students. The contribution of Alumni is as follows:

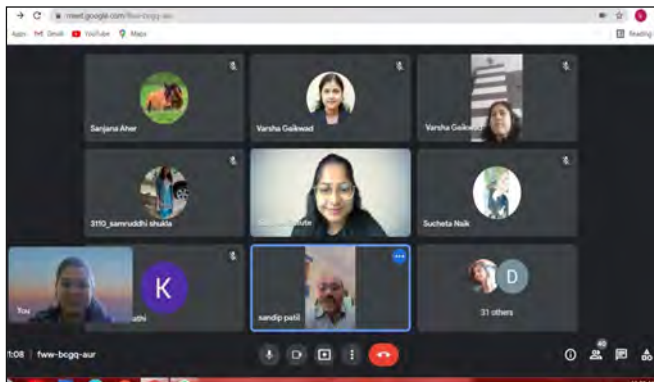
Sr. No.	Name of the Activity	Class	Resource Person details (Alumni)	Date
1	Awareness of Training Program	SE E&TC	Ms. Shruti Patil Ms .Gargi Nigade	11 August 2021
2	Introduction to ANGULAR JS	TE Comp	Mrs. Laxmi Pawar	31 August 2021
3	Preparation of Gate Examination	BE E&TC	Ms. Salonee Satute	23 September 2021
4	Placement Guidance	SE, TE & BE	Ms. Aishwarya Gupta Ms. Ashlesha Wankhede Ms. Mansi Dharudkar Ms. Apurva Thakare	26 March 2022
5	Resume Writing	TE E&TC	Ms. Aishwarya Jaiswal	26 March 2022

**Alumni Activities Photographs :**

Webinar on “Awareness of Training Program” by Ms. Shruti Patil, Ms. Gargi Nigade on 11th August, 2021 for the SE E&TC Students .



Webinar on “Introduction to Angular JS” by Ms. Laxmi Pawar on 31th August, 2021 for the TE Comp Students .



Webinar on “Preparation of GATE Examination ” by Ms. Salonee Satute on 23 th September, 2021 for the BE E&TC Students .



Seminar on “Placement Guidance” Ms. Aishwarya Gupta, Ms. Ashlesha Wankhede Ms. Mansi Dharudkar, Ms. Apurva Thakare on 26th March, 2022 for the SE, TE, BE students .

**Alumni Students Pursuing Higher Studies:**

Sr.No.	Name of the Alumni	Name Of Degree	Name of The University/College	Branch
1	Ms .Sarawswati Kendre	Doctor of Philosophy (Electronics and Telecommunication Systems)	G H Raisoni University	E&TC Engg.
2	Ms. Ridhdhi Chinchawade	Master of Science Embedded System Engineering	University of Freiburg	E&TC Engg
3	Ms. Salonee Satute	M.Tech(Electronics and Communication Engg. VLSI Design)	National Institute of Technology, Hamirpur	E&TC Engg
4	Ms. Viplawa Jagtap	Master of Buiseness Administration(MBA)	Smt. Kashibai Navale College of Engineering ,Pune	E&TC Engg



5	Manasi Sanjay Khopade	Master of Science in Information Technology and Management	The University of Texas at Dallas	Computer Engineering
6	Amruta Sudhakar Shinde	Master of Science in Data Analytics Engineering	Northeastern University College of Engineering	Computer Engineering
7	Anjali M. Bari	Master of Science in Data Science	University of Colorado Boulder	Computer Engineering

### Distinguished Alumni :

Sr. No.	Name of Alumni	Eminent Alumni
1	Ms. Deepika Panth	<ul style="list-style-type: none"> <li>Received “Business Impact Award” in Q3 2015 in Millw</li> <li>Heading the Digital and Social Media Marketing at Mercedes-Benz, India.</li> <li>Conducts Communication Skills and Personality Development courses for IT companies.</li> </ul>
2	Ms. Mayuri Gavhane - Tilekar	<ul style="list-style-type: none"> <li>Director at Pune branch of Cadence Academy in the field of Fashion and Interior Designing.</li> <li>Organized and hosted beauty pageant - Mrs.Manjri, 2017.</li> <li>Since the tender age of 16, she offered to educate the underprivileged.</li> </ul>
3	Ms. Barkha Mittal	<ul style="list-style-type: none"> <li>Managing Director, Greenvolution EcoServices Pvt.Ltd . New Delhi</li> <li>Awarded by BLUE DART for her extra ordinary work as a founder of Greenvolution Eco-Service Private Limited.</li> <li>Listed in the 50 most Impactful Green Leaders of India.</li> </ul>
4	Ms. Prajakta Belsare	<ul style="list-style-type: none"> <li>Research Director Abhidheya Lab &amp; Knowledge Solution, Pune</li> </ul>
5	Ms. Priyanka Bansode	<ul style="list-style-type: none"> <li>Brigadier , Indian Army</li> </ul>
6	Ms. Harshada Kshirsagar	<ul style="list-style-type: none"> <li>Received a Power Player Award in September’14</li> <li>Received a Power Player Award in February’ 15 Recognized as Key Talent for F.Y. 2015</li> <li>Received ACE Star Advisor Award for performance in F.Y. 15 H1 (given to top 8% of Microsoft employees).</li> <li>Managed up to 3 supplier teams of around 12-20 members each.</li> <li>Subject Matter Expert in anti-spam troubleshooting for Microsoft anti-spam technologies.</li> <li>Hackathon project acquired a Global Winner prize under Microsoft Group Online category and also has received the IndiaHackathon - Regional Award.</li> </ul>

7	Ms.Sfurti Share	<ul style="list-style-type: none"> <li>• Own motivational/ Corporate Training Company</li> <li>• An author of a national bestselling <b>book</b> “Think and win like Dhoni”</li> <li>• Winner of Amazon most popular self-help book.</li> <li>• Winner of young authors award 2018 at Dubai</li> </ul>
8	Ms.Mamta Yengul	<ul style="list-style-type: none"> <li>• Got best employee of the year award in 2014</li> <li>• Started an NGO-Nirmaan which propogates“Praptichyasukhapekshaprayatnanchaanandakhupmothaas to”.</li> </ul>

9	Ms.Priyanka Padhye Ms. Aishwarya Ravlekar Ms.Shradha Pisal	<ul style="list-style-type: none"> <li>• Founder , DIONJ– First Ever Designer diamond ring studio.</li> </ul>
10	Ms. Sneha Bantu	<ul style="list-style-type: none"> <li>• Founder, Galaxy Enterprises</li> </ul>
11	Ms.Sayali Jadhav	<ul style="list-style-type: none"> <li>• State Tax Inspector , GST</li> </ul>
12	Ms.Namrata Jadhav	<ul style="list-style-type: none"> <li>• Short Service Commissioner, Indian Airforce</li> </ul>
13	Ms.Shital Sasane	<ul style="list-style-type: none"> <li>• Class III officer ,Central Railway</li> </ul>
14	Ms. Bhagyashri Raut	<ul style="list-style-type: none"> <li>• Co-Founder, Swaptechnobiz</li> </ul>
15	Ms.Sfurti Sahare	<ul style="list-style-type: none"> <li>• Author at Amazon Publishing and Author at Jaico publishing house(India)</li> </ul>
16	Ms.Harshada Kshirsagar	<ul style="list-style-type: none"> <li>• Program Manager at Microsoft,Redmond Seattle.</li> </ul>
17	Ms.Mamata Yengul	<ul style="list-style-type: none"> <li>• Got Best employee of the year in 2014</li> <li>• Own NGO-Nirmaan which propagate “Praptichya sukhapeksha prayatnacha anand khup motha asato”</li> </ul>
18	Ms.Kritika Rai	<ul style="list-style-type: none"> <li>• Software Development Engineer-2 at Walmart Global tech.India</li> </ul>
19	Ms. Bhakti Jagtap	<ul style="list-style-type: none"> <li>• Director , Brightsea Technology Pvt. Ltd.,Pune</li> </ul>



# TRAINING CELL



**Prof. S.T. Khot,**  
Ph.D. (Pursuing),  
Training cell coordinator

## ABOUT TRAINING CELL:

The Training cell is established in the institute in the academic year 2017-18. Students are led to take the initiative to develop their attitude in the workplace, soft skills and are given the opportunity to develop technical skills alongside analytical capabilities. It also prepares students to become compatible to the needs of communication skill set. The Training Cell aims to expose students to the nature of the corporate world therefore providing insight to their future professional careers.

## VISION

Empower women engineering students through skill development.

## MISSION

1. To provide women engineering students with the skills, knowledge, and confidence needed to succeed in their careers.
2. To promote a culture of lifelong learning among women engineers, offering continuous education and professional development opportunities.
3. To create a supportive and inclusive learning environment that fosters a sense of community, encourages collaboration.

## GOALS

1. Capacity building program aims to develop and enhance the soft skills and professional skills of students to prepare them for successful careers in the field of engineering.
2. To develop interest for coding among students and eliminate coding fear through routine coding experience and to clear basic concepts of programming and prepare students for intermediate and high level programming g.
3. To enhance quantitative, logical and verbal aptitude of students through regular practice assignments.
4. To provide exposure for the HR rounds conducted during recruitment processes.
5. To provide a test practice platform for students to enhance their problem-solving, pressure handling and time management skills and boost their confidence.

## HIGHLIGHTS OF THE ACTIVITIES HELD:

1. Capacity Building Programme for SE: These sessions focus on different VAK learning styles, Knowing yourself, Life values, How to do self and peer diagnosis and SWOC analysis. Many fun activities are also conducted in the process to cheer up the students and help them boost confidence. Every student is able to self-analyze their own Strengths, Weaknesses, Opportunities and Challenges. At the end, this does help the students in their placement recruitment process and to achieve a great future.



2. Capacity Building Programme of Students by Students (Peer to Peer Training Programme): In this training programme, BE students who are placed in various MNC companies deliver the seminars to SE and TE students on various topics such as Aptitude test, Coding, Technical, HR interviews and Company Specific Training. The entire programme covers all the aspects of placement procedures, professional future post and completing graduation. It eases and prepares the students for their future journey.

Peer-to-peer training session was organized for the students of second and third year. The session was conducted by senior students placed in various renowned companies. The training was conducted on 5th May 2022. The senior students provided valuable insights and guided their peers throughout the placement procedure, which includes aptitude, coding, and technical rounds, group discussions and finally HR interview.

The sessions were divided into five categories:

- Aptitude
- Coding
- Group Discussion and HR Interview
- Technical Interview
- Company Specific Training





### 3. Club Activities:

Coding, Aptitude, HR and Test Series clubs are the co-curricular activities offered in the college to help students develop valuable skills and prepare for their future careers. These clubs offer a range of activities and resources to support student learning and professional development. Coding clubs provide students with opportunities to develop their coding skills. Aptitude clubs focus on developing students' problem-solving and critical thinking skills through aptitude tests, puzzles, and quizzes. These clubs often organize mock aptitude tests and provide resources to help students prepare for various aptitude exams that they may encounter in their career. HR clubs focus on providing students with information and resources related to human resources interviews. They help students develop skills related to recruiting, hiring, and managing employees, as well as soft skills such as communication, teamwork, and leadership.

Overall, these clubs play an important role in helping students develop skills beyond the classroom, preparing them for the challenges and opportunities they may encounter in their future careers.

- A. Coding Club
- B. Aptitude Club
- C. HR Club
- D. Test Series Club

- A. Coding Club:** To enhance Coding skills of students, these clubs are started for FE, SE, TE and BE students of all branches. It eradicates the fear of coding and increases their computational thinking. It helps them acquire the required skill set to think “Out of the box” and develop a rational approach towards Problem-solving. It prepares students to solve questions in aptitude and coding tests conducted during placement drives and in competitive exams. The questions are posted related to coding in these groups. These are either MCQs or problems statements type. Special focus is on problem statements which are repeatedly asked in company campus drives. Students’ coordinator also shares YouTube videos which are beneficial for learning concepts. This makes the students, especially weak ones, comfortable with different coding questions and helps to eradicate the fear of coding.

- B. Aptitude skill Enhancement Club:** The primary objective of an aptitude skill enhancement club is to provide a supportive and engaging environment for the students to develop their skills in areas such as math, logic, analytical reasoning, and verbal reasoning. This club also provides resources and tools to its members to help them enhance their aptitude skills, such as study guides, practice materials, and access to online learning platforms. Overall, the aptitude skill enhancement club is a valuable resource for students who want to improve their aptitude skills and prepare for academic or professional pursuits that require these skills. The student coordinators post questions on aptitude group. These are divided into Arithmetic, Verbal, Logical reasoning, Current Affair section. Also 5 new words are posted along with their meanings, synonym, and their use in sentence to increase vocabulary. Every night the solutions are posted for students to refer. The focus is on questions which are asked in competitive exams and campus drives. This helps the students to practice and get familiar with aptitude exam and increase their knowledge on the same.
- C. HR Group [Group Discussion Programme]:** This activity is conducted for all the students from FE to BE of all departments and it engages students in developing their communication skills and making themselves more comfortable for HR rounds during placement. During these sessions, students get a brief review about different current affairs, expected topics in GD round and learning styles. A GD topic is posted every day on the HR group, and students are supposed to engage in a group discussion on that topic in batches.
- D. Test Series Club:** The main objective of this club is to prepare the students for the different competitive stages in campus drives like the Aptitude test, Coding test, English (verbal ability) test. These tests help the students to understand the pattern of various placement drives tests and give them a real time experience. The technical tests are conducted on Hacker rank platform. This way the students become well versed with online compilers and it helps in increasing their confidence too. They also get an opportunity to work on their weak points.

#### Timetable for Company Specific Test Series for Academic Year 2021-22

Timetable: 2021-22 (Company specific test series)		
Test	Date	Company
Test 1: Apti	28/08/21	Accenture Time: 11-12 am
Test 1: Coding	29/08/21	
Test 2: Apti	04/09/21	TCS Time: 4-5 pm
Test 2: Coding	05/09/21	
Test 3: Apti	12/09/21	Capgemini Time: 11-12 am
Test 3: Coding	13/09/21	
Test 4: Apti	18/09/21	IBM Time: 4-5 pm
Test 4: Coding	19/09/21	
Test 5: Apti	02/10/21	Zensar Time: 11-12 am
Test 5: Coding	03/10/21	



## Test Series Toppers:

### Company Specific Test: Accenture

#### A. Department of Electronics and Telecommunications

ROLL NO.	TOPPERS
31114	Dhage Sonali Pravin
31139	Koli Pranjal Rajaram
31108	Bhoge Jidnyasa Madhukar
31118	Gadade Anisha Chagan
31104	Bagad Rucha Subhash
31218	Pranali Yeole
31230	Shubhangi Nagthane
31208	Nikose Niharika Someshwar
31226	Sable Vanshika Anil
31229	Sawale Prajakta Bondu

#### B.Department of Computer Engineering

ROLL NO.	TOPPERS
3238	Payal Jeevan Salunkhe
3267	Nashia Fatma
3282	Onal Manoj Chaudhari
3216	Deshmukh Sharvari Sunil
3247	Shreya Krishnat Sonawne
3252	Prachi Wadhawane
3201	Archana Aher
3207	Rupali Bharambe
3244	Shreya Sahu
3262	Samiksha Bode

#### C.Department of Information Technology

ROLL NO.	TOPPERS
3331	Jadhav Priyanka Kiran
3302	Jadhav Priyanka Kiran
3317	Dhumal Pooja Shivaji
3375	Tulaskar Grunthali Vikas
3379	Wankhede Sanskruti Nitin
3367	Shende Sonakshi Vivek
3360	Rawas Rutuja Nitin
3315	Dakore Rupali Namdevrao
3333	Rutuja Shrikrushna Kale
3323	Ghadge Pradnya Sanjay

## RESEARCH AND DEVELOPMENT



**Dr. Vijaya Rahul Pawar**

Associate Professor, Dept. of Electronics & Telecom. Engineering.

Email: Vijaya.kashid@bharativedyapeeth.edu.

Website: <https://www.vijayapawar.wordpress.com>

### **Vision:-**

To foster a growth in a Research Domain

### **Mission: -**

1. To Publish the Research papers in a reputed resource at national and international level
2. To prepare and send Quality Improvement Schemes Proposals and Research Proposals to the various funding agencies
3. To coordinate and conduct the research activities proposed by the Board of Deans, SPPU.

Research is playing significant role in a professional growth of the institute. The institute encourages it in all measures. To foster novelty, innovation, and lifelong learning, active initiatives are taken by the institute. Research cell has been formed to coordinate the research activities.

To inculcate the research culture among faculty members and to enhance research activities among the students various initiatives are taken. AICTE ATAL FDP was organized on the emerging topic, “Machine Learning”. Seminars, webinars, hands on sessions and Faculty Development Programs, Student Development Programs are organized in collaboration with the reputed institutes.

### **AICTE Grants Received during A.Y.2021-22**

Sr. No.	Category of the Scheme	Name of the Scheme	Grant Received in Rs.
1	Institutional Development Schemes	MODERNISATION AND REMOVAL OF OBSOLESCENCE (MODROBS)	9,73,500
2	Student Development Schemes	AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)	1,00,000/-
3	Faculty Development Schemes	ATAL- FDP on, “Machine Learning”	93,000
	<b>Total Grants Received</b>		11,66,500/-

Institute is privileged to receive AICTE SPICES grant UNDER Student development scheme. 21 activities are conducted related to ethics, creativity and interests. Allowances are given to the students to attend the various events across India.



**List of Recognized Research Guides-**

Sr. No.	Name of the Research Guide	Affiliating University	Recognition
1	Prof. Dr. S.R. Patil	SPPU, Pune	Ph.D. Guide
2	Prof. Dr. S.S. Chorage	SPPU, Pune	
3	Prof. Dr. D. A. Godse	SPPU, Pune	
4	Prof. Dr. V. R. Pawar	SPPU, Pune	
5	Prof. Dr. S.P. Kadam	SPPU, Pune	
6	Prof. Dr. S.L. Kore	SPPU, Pune	
7	Prof. Dr. A.M. Pawar	SPPU, Pune	
<b>No. of Faculty members are as a Research Guide :</b>			<b>07</b>

**Bharati Vidyapeeth's College of Engineering for Women, Pune.****Unveiling function of annual College Magazine "OYSTER"**

Bharati Vidyapeeth's College Of Engineering for Women had their magazine 'OYSTER' 21 unveiling function on 28th May 2022, Saturday. The chief guest for the function was renowned actor, director and model Mr. Samir Dharmadhikari and guest of honour was the Joint Secretary of Bharati Vidyapeeth Dr M.S. Sagare. The program started with worshipping the goddess of education, creativity, and music 'Ma Saraswati' followed by deep prajavalan. After paying tribute to Honorable Dr. Patangrao Kadam the Magazine faculty chief coordinator Prof. Yashomati Dhumal enlightened everyone about the contributions of students and staff members for the magazine. She also shed light on how successful the magazine has been throughout the years. The function was then followed by introducing this year's theme for the magazine which is "NIRVANA":-which means a state of peace and calmness with one's self. Ms. Pooja sharma editor-in-chief of the magazine then shared her experiences of working as the head of the committee and how this year's number has impacted many lives in a positive way. Principal Dr. S. R. Patil sir acquainted the crowd with the achievements of the college and its outstanding performance in all fields. Followed by which Dr. Sagare sir shared his most valuable experiences with the students and told them about the toughest period of his life, he also encouraged the students to go beyond their limits. His words not only inspired the crowd but also motivated them.

The chief guest of the function Mr. Samir Dhamadhikari sir was introduced to the crowd by Ms. Aishwarya mokashi the co-editor in chief of the magazine. Sir interacted with students and faculty members on a personal note, he shared a lot of fun and life changing experiences with them. Not only did he answer questions from different backgrounds, but also engaged the audience in a way that time flew by. The key learning from this interaction was that "not only should one dream big but also work hard to achieve it". Sir also shined light on how important 'Nirvana' is to him and how he achieves it in day to day life. Dr. Sagare sir and Mr. Samir dhamadhikari sir then felicitated the student committee of the magazine which worked very hard throughout the year for this year's number. The function was then concluded by vote of thanks which was proposed by the co-editor in chief Ms Khusboo Rathi.



# DAYS PHOTOS



**Traditional Day**



**Squad**



**South Indian Tribe**



**Saree Day**



**Meme Day**



**Ghosting Crew**



# DAYS PHOTOS



**Twinning Day**



**Gang Day**



**Character Day**



**BTS of Traditional Day**



**Joy of Traditional Day**



**Characters Clan**



# GATHERING-Adwitiya



L to R\_ Prof.A.M.Pawar, Prof.Dr.S.R.Patil,  
Hon.Dr.M.S.Sagare, Gayatri Datar



L to R\_ Proj.K.D.Mahajan ,Prof.S.S.Chorage,  
Prof.A.M.Pawar, Gayatri Datar, Hon.Dr.M.S.Sagare,  
Prof.Dr.S.R.Patil



Deepa Prajvalan by Gayatri Datar



Welcoming Guest of Hon. Dr. M.S.Sagare



Guest of Honour Dr.M.S.Sagare (Joint Secretary-Bharati Vidyapeeth, Pune) felicitating Chief Guest Miss Gayatri Datar



Gayatri Datar\_s motivational speech



Expressing vote of Thanks to Chief Guest Gayatri Datar



Kathak form



# GATHERING-Adwitiya



Tribute to Thalaiva



Ganesh Vandana



Disco Girls



Punjabi Patakha\_s



Bollywood Tadka



Dance on women Empowerment



Ramayan Act by NSS Student



# TECH FEST AVINYA



Hackathon competition



Hon. Dr. K.D. Jadhav (Joint Secretary Bharati Vidyapeeth, Pune) felicitating Chief Guest Mr. Vivek Sawant (Chief Mentor MKCL)



Hon. Dr. K.D. Jadhav (Joint Secretary Bharati Vidyapeeth, Pune) felicitating Guest of Honour Dr. V.V. Shete (Chairman IETE Pune Local Chapter)



Principal Dr. S.R. Patil addressing the audience



Prof. Dr. S.M. Rajbhoj felicitating Principal S.R. Patil



Staff and students present in auditorium for TECHFEST-Avinya Innaugration



Staff coordinators with Chief Guest Mr. Vivek Sawant, Guest of Honour V.V. Shete, Principal S.R. Patil and Prof. Somani



Student explaining her poster to Principal Prof. Dr. S.R. Patil, Prof. Dr. S.M. Rajbhoj, Prof. V.P. Mulik and Prof. M.S. Kasar



# TECH FEST AVINYA



Ribbon cutting of Project Presentation-Technovation by Principal S.R.Patil alongside chief guest Mr. Vivek Sawant and guest of honour Dr.V.V.Shete



Ribbon cutting of Technical Poster competition



Robo race staff coordinator Prof.Y.D.Kute explaining the racing track to Principal S.R.Patil



Robo race track



Technical Fest-Avinya Flex in college



Technical Poster Committee

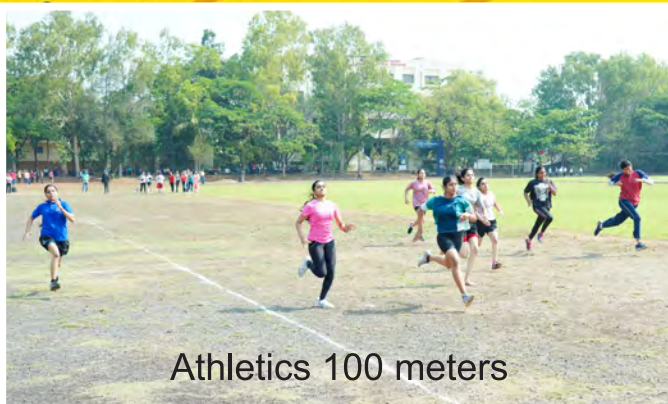


# NSS





# Sports



Athletics 100 meters



Volleyball Match



Shotput throw



Opening of Volleyball match  
done by Principal Sir



Opening of Basketball match  
done by Prof.Dr.A.M.Pawar



Kho-kho



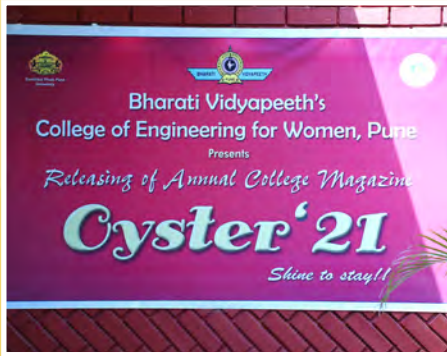
Basketball Match



Carrom match



# Oyster Inauguration



Rangoli as per theme



Welcoming chief guest Renowned Actor , Director  
**Sameer Dharmadhikari**



Student committee member felicitation



Selfie with honourable chief guest Sameer Dharmadhikari



Welcoming Honourable Jt. Secretary (Bharati Vidyapeeth)  
**Dr. Sagare sir**



Audience



Tribute to Hon. Founder Dr. Patangarao Kadam Saheb



# Oyster Inauguration



Saraswati Pooja by Hon. Principle Prof.Dr.S.R.patil



Selfie



Speech by Prof. Y. R. Dhumal



Magazine Unveiling by Dignitaries on the dice!



*Fortunate to have been  
bestowed with your blessings!*







## **Bharati Vidyapeeth's COLLEGE OF ENGINEERING FOR WOMEN**

**Pune-Satara Road, Pune - 411 043.**

Affiliated to Savitribai Phule Pune University  
(Formerly University of Pune) Approved by AICTE New Delhi.



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Website : <http://coewpune.bharatividyaapeeth.edu>