

YEAR 2020-21

KSHITIJ
Mélange

ABOUT US

Vision

To be a globally renowned institute for imparting quality education and to develop women leaders in engineering and technology.



Mission

To develop women professionals who are academically & technically sound with strong ethics & above all, good human beings.

About Maharshi Karve Stree Shikshan Samstha (MKSSS)

Maharshi Dhondo Keshav Karve founded an institution called 'Hingane Stree Shikshan Samstha' in 1896 whose objectives are the upliftment, emancipation and education of women, who formed a major section of the socially downtrodden. Maharshi Karve dedicated his life for the humanitarian cause with determination, courage and conviction of a visionary. His sacrifice and dedicated work of reinstating the due social status of women was acknowledged through highest national award. At the unique occasion of his own centenary, Maharshi Karve was honoured with prestigious 'Bharat Ratna' award on 29th October, 1958. As an expression of gratitude and respect to its founder, the general body decided to rename the institution as 'Maharshi Karve Stree Shikshan Samstha'.



The College

Considering the significant role of women in the changing socio-economic scenario and modern trends in the field of education, MKSSS decided to offer facilities in technical education. Thus in 1991, the first all-girls Engineering College was started in India. This was possible only on account of the timely, munificent donation made available by the Cummins Diesel (India) Foundation.

As a token of gratitude, MKSSS decided to name the college as Cummins College of Engineering for Women. The first undergraduate batch passed out in July 1995, coinciding with the centenary of its parent institution.

Cummins College of Engineering for Women (CCEW) comes under the umbrella of its parent institution, Maharshi Karve Stree Shikshan Samstha (MKSSS). Cummins College is the first all women engineering college in India established in the year 1991 with support from Cummins Diesel (India) Foundation. It is located in Pune, Maharashtra State and is well known as 'Oxford of the East' with strong Computer, IT, Mechanical, Automobile and Electronics industry hub. The first undergraduate batch of CCEW passed out in July 1995, coinciding with the centenary of its parent institution.

CCEW is recognized for its rigor in academics and dedicated faculty, successful alumnae being its outcome. CCEW has a strong association with the industry and is recognized for providing quality recruits for the industry.

Approval and Accreditation

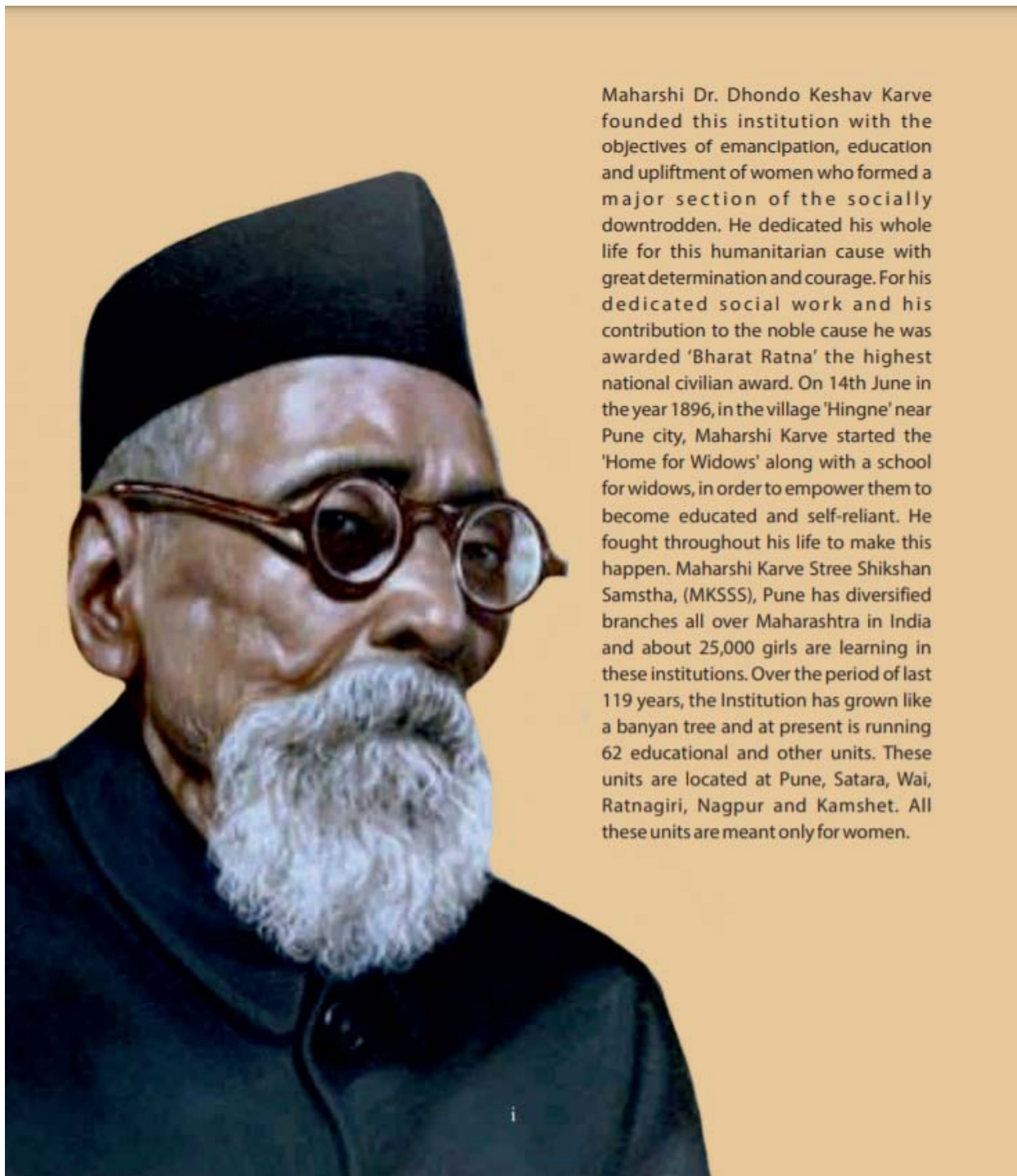
The college is approved by the All India Council for Technical Education (AICTE) and is affiliated to Savitribai Phule Pune University. Accredited by National Board of Accreditation (NBA) and National Assessment and Accreditation Council (NAAC) at Grade 'A'.

The departments of Cummins College of Engineering for Women, are accredited in 1998, 2002, 2006, 2012 and 2016 by National Board of Accreditation. The college was ranked 44th in the top hundred professional colleges by Outlook magazine in its June 2018 issue, bettering its previous rank of 51 as awarded by the same magazine in 2017.

Programmes of Study

Under Graduate Programmes	Intake	Intake (2nd Shift)	Postgraduate Programs	Intake
B.Tech (Electronics & Telecommunication)	120	60	M.Tech (E & TC)	18
B.Tech (Computer Engineering)	120	60	M.Tech (Instrumentation & Control)	18
B.Tech (Instrumentation & Control)	60	-	M.Tech (Mechanical)	30
B.Tech (Information Technology)	60	-	Ph.D (E & TC)	
B.Tech (Mechanical Engineering)	60	-		

OUR FOUNDING FATHER



Maharshi Dr. Dhondo Keshav Karve founded this institution with the objectives of emancipation, education and upliftment of women who formed a major section of the socially downtrodden. He dedicated his whole life for this humanitarian cause with great determination and courage. For his dedicated social work and his contribution to the noble cause he was awarded 'Bharat Ratna' the highest national civilian award. On 14th June in the year 1896, in the village 'Hingne' near Pune city, Maharshi Karve started the 'Home for Widows' along with a school for widows, in order to empower them to become educated and self-reliant. He fought throughout his life to make this happen. Maharshi Karve Stree Shikshan Samstha, (MKSSS), Pune has diversified branches all over Maharashtra in India and about 25,000 girls are learning in these institutions. Over the period of last 119 years, the Institution has grown like a banyan tree and at present is running 62 educational and other units. These units are located at Pune, Satara, Wai, Ratnagiri, Nagpur and Kamshet. All these units are meant only for women.

CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE - 411052

Members Of College Development Committee AY 2020-2021

Sr. No.	Name	Post
1	Shri. Jayant Inamdar	Chairperson of the Management MKSSS's Cummins College of Engineering for Women
2	Dr. P.V.S. Shastry	Secretary of the Management (MKSSS)
3	Dr. Ajit Bhosale	Head of the Department nominated by the Principal
4 5 6	Dr. Sandeep Musale Dr. Swati Madhe Prof. Vishal Deore	Three Elected Teachers
7	Shri. Chetan Kumbre	Elected Nonteaching Employee
8 9 10 11	Mr. Ravindra Deo Mr. Rajendra Jog Dr. Dhananjay Kulkarni Mr. Atul Nagras	Local Members Nominated by the Management in the field of Education / Industry / Research / Social Service
12	Mrs. Meghana Vaidya	Nominated Alumnus
13	Dr. Vikram Athalye	Co-ordinator - Internal Quality Assurance Cell
14 15	- -	President and Secretary of the College Students' Council
16	Dr. Madhuri Khambete	Principal of the College - Member Secretary

FROM THE PRINCIPAL'S DESK

Greetings!!!



Dr Madhuri Khambete
Director

The year started on an excellent note for all of us at college this year. The year kept unveiling highly satisfying news to us with every passing year, helping each of us find our faith in our abilities, talents and efforts anew. Like always, I commend and appreciate the effort that our staff, non teaching staff and the students put in everything they set their sights on.

I am very happy and highly satisfied as the year kept unveiling commendable news regarding the success of our college. Our Institute i.e. Cummins College of Engineering for Women, received SPPU foundation day award – Best college award under Urban professional college category for the year 2020-21 .

Outlook's annual ranking of India's best government and private engineering colleges has been declared in August 2021. I am happy to share with you all that our institute ranking in the Outlook 2021 Survey is " 42" out of the top 100 private engineering institutes across India.

Turning to the theme, Melange which means a varied mixture. It is an apt description of the way we are dealing with the past year. With sudden changes, some adjustments.

Only when we swim in deep, foreign waters (both literal and actual) will we truly unlock the hitherto hidden strengths and talents that we carry inside us.

Happy reading, and may the following year be full of unlocking of new doors and secrets, as well exciting discoveries!

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Editors Introduction

Mrs. Namrata Karandikar
Faculty coordinator - Kshitij Magazine



Akanksha Bharambe

I'm someone who loves poetry and is an introverted - extrovert, who often likes discussing world politics and is a food fanatic! A mix of Monica Geller and Phoebe Buffet, is what I'm often called by my F.R.I.E.N.D.S. I love animals and am a cooking freak! I try to make the most of the time in my life and try to spread happiness and joy as much as I can!

Niharika Dhande

Hey there! I love reading books and engage in heated discussions regarding those books. I love travelling, and vicariously travel virtually(for now) through 3D street views on google maps. I love making content and regularly write my blog. Baking is my stress reliever and I love distributing my freshly baked cupcakes, cheesecakes and cookies to my friends and family!



Srushti Nikam

Hey there, I am Anushka. I am an avid reader and you will never see me NOT reading a book. I love dancing and watching movies. If you want anime recommendations, I am here for you. The best way to befriend me is with food and if you give me food, you have a forever friend in me buddy. I am an introverted extrovert and am shy at first but love to talk when I get familiar with you.





Anushka Chikhale

She is a wandering soul amidst the clattering noise of the bustling crowd, trying to find her rightful place in this humongous world. She is someone who likes to read, write, paint, dance and sketch. Someone who spends time daydreaming about unrealistic situations that might not happen in a million years. Someone who is fascinated by the stars, constellations and the Universe beyond. An empathetic, open-minded and accepting person, as she likes to believe. Oh and she's also the kind of person who sometimes intentionally addresses herself in third person. ;)

Deeksha Sharma

Deeksha is an ancient vampire, secretly on a quest for world domination. Always awake during the quiet hours of the night, she plots chaotic ways to overthrow mankind — specifically the variety that favors morning. In the displeasing bright and cheerful time of the day, she enchants gullible humans with her kind and helpful ways, often giving unsolicited culinary advice and book recommendations. Finding the mundane ways of humanity quite boring, she has a flair for dramatics. Close friends claim that she can be spotted reading poems and endlessly scrolling through pictures.



Rucha Limaye

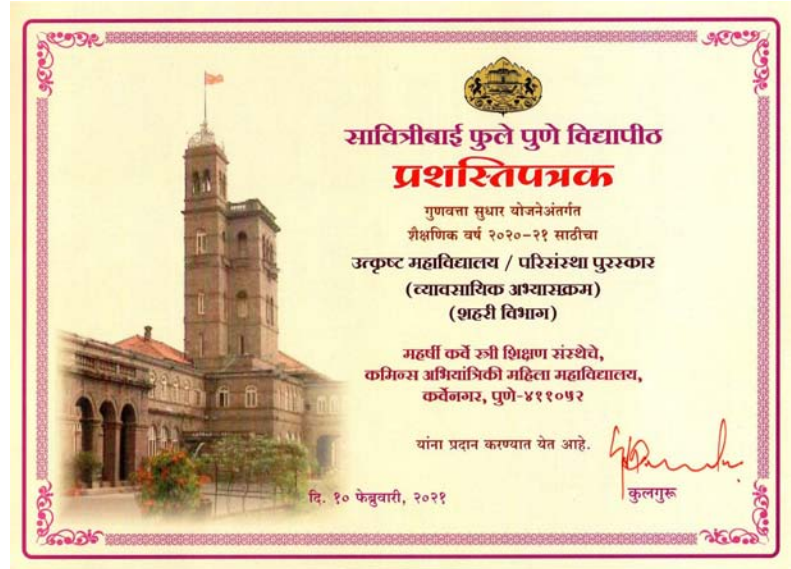
Being a student of technical field, I had always been surrounded by the technical knowledge which least nurtured my creative mind. I actually required something that could pull me out of the box and give me immense satisfaction and happiness. Reading some books, writing a few outspoken narrations, playing violin and doing a bit of nature photography was all that I did for my mental healing and emotional pleasure. To become a Marathi editor was never a part of the plan. But today, I am pleased by going through many articles and blogs, gaining new knowledge and exploring this unknown virtue of mine is the best thing I have been experiencing. This editor duty not only helped me explore my skills but also help me boost my confidence.

Shreya Vijith

Hey ! I am Shreya Vijith, a 20th century soul currently residing in a 21st century body. An overthinker by birth, shy in the beginning, but once you get to know me well, I won't give you time to talk (kidding) !! My hobbies include reading (anything and everything that I can lay eyes on), sketching and roasting people :-)) I enjoyed reading everyone's articles very much, and it was an amazing experience to look at the world, in others' perspectives through their words.



**SPPU foundation day award for the year 2020-21
(Urban professional college category)**



Journey from Engineers to Globetrotters!

INTERVIEWEE: MEGHA (M) AND SAURABH (S)

INTERVIEWERS: NIHARIKA DHANDE AND AKANKSHA BHARAMBE (I)

DATE OF INTERVIEW: 2nd OCTOBER 2021

LOCATION: GOOGLE MEET

Megha and Saurabh are the epitome of living life to the fullest! They are the ones whom we should look up to and learn how to live a balanced and happy life while we work full time in the IT industry and pursue our hobbies simultaneously. So let's keep up with their spirits and start their interview with their catchphrase 'LET'S GO!'

I: Could you please brief us and our readers about your journey from India to the Netherlands?

M: Our journey began in Madhya Pradesh where we both completed our Computer Science engineering degree from the same college. We started our jobs in Tech Mahindra and Infosys respectively and moved to Pune. I got an opportunity to move to Italy when I was in Cognizant. Eventually, I got an opportunity to move to the Netherlands.

S: Meanwhile, I received an opportunity to move to the Netherlands too.

I: What were your feelings when you first moved to Europe? How different was it from India?

M: So, let me tell you about my first day in the Netherlands. I was in Pune so my Dad came to drop me off at Mumbai and I had a flight 'Turkish Airlines' from Mumbai till Amsterdam and there was a stop in Istanbul. And the thing was that... somehow there was bad weather so my connecting flight got cancelled and I was like... I am not sure what I was supposed to do! But I managed it somehow. I was supposed to reach Amsterdam by afternoon but due to the delay I reached at 1 AM in the night. My company had arranged a cab and he dropped me off and came inside to turn the lights on and left. I was completely tired and I wanted to sleep but I couldn't find the place where he turned the lights on. Finally, I had to resort to sleeping with the lights on. In the morning after I woke up to go to work and saw 2 remotes on the bedside table. I started playing with buttons and suddenly with one button, the whole light went off! I went to work that day and came back, I went for the remote to switch the lights on and the lights were not turning on! Then I realized that while figuring out the light switches, I had pressed a button I was not supposed to and the whole house short-circuited! You never realize that turning on the lights can be the first main problem of your life!

S: That's when you realize that coming out of India is kind of a research, you cannot imagine that turning on and off a light can be a challenge! India is your comfort zone, and you know how things work there, so these experiences help you get out of your comfort zone. In a new country,

you have no choice but to start from scratch. Luckily for me Megha had gone 2 months before me, so it was easier for me to settle.

M: After coming here, my first learning was that you don't have to adjust everytime and you can say no if you think that it is not possible for you to do the work.

I: Students are preferring to go to Europe and the UK for their higher studies, but their only problem is the language barrier. Since the Netherlands has only one official language: dutch, is it an obstruction?

M: In the Netherlands, most of the people are traders so they have to speak the language that most other countries use and hence English is spoken and understood by many people in the Netherlands. There are jobs with English language, but if you want to get into more leadership or managerial positions, then you need to know the local language(Dutch).

S: From a student's perspective, masters courses are available in English, but I think, aim of students is to complete their education and get a job, and that's where language plays a crucial part.

I: Now, moving on to the more youtube side, having travelled across so many countries, which trip has been your most memorable?

S: That's a tricky one! Iceland has to be my favourite destination, and there is a reason that I have travelled there twice, more than seven times to Switzerland, however, the landscapes, the experiences that Iceland provides are very unique in the world.

M: It is not a country but a place named Cappadocia in Turkey. There are hot air balloons everywhere, it seems so unreal. I have never seen anything as beautiful as that. There are hundreds of balloons all around you.

I: A successful YouTube career needs a lot of time, how did you manage to spend time for your channel and work and maintain a happy life altogether?

M: Now we are getting views and people are starting to enjoy our videos. But we started our youtube five years back, since then we have put in efforts to make videos more polished and learned good editing. But, we are still doing it with our full time job, and that's how we want to pursue it. Because, I love my job and that brings food to my table. And it's our hobby to travel and share our experiences with everyone, learn new things, from different people and that is the thing that brings food to our soul. We divide our work holidays throughout the entire year and



organize short trips in Europe so we can include extended weekends. And we edit our videos after our work or on weekends. And manage our videos and social media.

I: Even though you have a successful youtube channel, maintaining social media and interacting with viewers is whole another thing!

S: That's why we never try to replace our passion with our job. Otherwise it becomes overwhelming.

I: When your videos did not hit as well as you thought, where did you find the motivation to move ahead from?

M: There are times when you think that this is the best video that I have edited and this should hit a million views for example but it doesn't happen many times and anxiety comes with it. But during this five year journey, I have learnt that there are these highs and lows that come and we have to face them. Maybe the video didn't perform but we have travelled there and had wonderful moments.

S: One day people will watch and like your videos but the other day they won't. This might be discouraging but this is the game of social media. So the less you expect the more you can focus on making the video better. We do the things that make us happy and travelling is one of them. It might look like we spend the whole day shooting for the videos but actually we only do it for sometime and enjoy the rest of it.



M: We are not that kind of travellers who go to each and every tourist spot. We try to spend time and enjoy and experience little moments that you can cherish for your life. For example, instead of visiting all the destinations in a place, we travel to only four places out of ten and make sure to be in the moment. Only then you can talk about it and let others know how beautiful it is.

I: Does being "on the go" get overwhelming sometimes? If so, what do you do to cool off?

S: We both try to keep our schedules flexible and sometimes we do a digital detox. We don't try to overachieve. We don't edit four videos at once so that it could be used later, this is a never ending cycle and try to stay away from it.

I: Does being a vegetarian become a hindrance? Especially when you travel to villages in Europe?

S: In short the answer is yes, because you need adjustment from your side too. You have to get used to the things. You always get bread, butter, and fruits. Like there is a delicacy in each country, you have to get used to the taste.

M: Now-a-days a lot of people are turning vegan. Therefore, you get vegetarian options everywhere. But Indian vegetarian options are very less. You will not get roti, but you can get bread. So if you can eat bread and cheese, you are good to go. But in all our travels, we have never gone to bed on an empty stomach.

I: What advice would you give to the budding engineers that wish to pursue a social media career along with their tech job?

M: What I would say is that it is difficult but not impossible. Because you can't be really platform dependent, and social media is very platform dependent, you never know for any good reason the platform may get banned. If that happens, all the efforts that you have put in will be gone. So do not be platform dependent if you want to pursue your career in social media. Another thing to remember is that it should be your passion as well, because when you are doing it with your work, you should be enjoying that as well, and not treat it as your secondary job. Building videos is not our hobby, travelling is our hobby, The outcome is youtube. So if that happens, then why not?



S: Social media is no longer an app or an activity but a part of our life, so that's why this is neverending. So you should be clear on what you want to do with it.

I: Thank you so much for taking the time to inspire budding engineers from our college! I am sure, just like us, after reading this interview, many girls will realize that their hobbies, passions and careers can co-exist without compromising happiness.

Electronics and Telecommunication Department Report

The department of ETC has 39 teaching faculty, 12 Technical assistants, and 8 members of the staff. The department runs B.Tech. , M. Tech. (Artificial Intelligence) and Ph. D. programmes. The total number of students in S.Y. B. Tech. is 236, T.Y. B.Tech. is 209 and B. Tech. is 231. Department has IEEE student chapter and IET student chapter.

Faculty contribution:

AICTE sponsored STTP on “Advances in Biomedical Signal Processing with Hands-On “(2020) Schedule I: 7 -12 Sept 2020, Schedule II: 5 -10 Oct 2020, Schedule III: 2 – 7 Nov 2020 was organised by the department. Dr. Anita Patil was Co-ordinator organizing Amount sanctioned by AICTE was Rs. 4,13,333/-Dr. Ashwini M. Deshpande Completed a funded research project by ISRO-SPPU Joint Research Programme,

Title of Research Project: Development of Image Quality Improvement

Algorithms for Satellite imagery-Radiometric data, amount sanctioned Rs. 870000/- Dr. Nitin Palan filed two patents.

Title of Patent filed: 1) Touchless electrical switch device and 2) System for indicating deformation and damage of manhole closure.

Faculty members received multiple Awards:

Dr. Prachi Mukherji was awarded "International Academic Leader Award 2020-21", Instituted by the International Institute of organized Research (I2OR). Dr. Sharada Ohatkar was awarded "The Best Women award for innovative technology in teaching” by Genesin of Educational Impressions, Roorkee. Dr. Sharada Ohatkar Letter of Appreciation, Swayam NPTEL Local Chapter, CCEW as the Single Point of Contact (SPOC). Dr. Ashwini Deshpande was awarded “Outstanding Women Award for Research Project of the Year” by Genesin of Educational Impressions, Roorkee. Dr. Anita Jain was awarded Silver faculty certification- 'Start Me Up Awards Ceremony' Global Jury and NEN Faculty recognition by Wadhvani Foundation.

Paper Publication: 44 papers are published in International and National Conference and Journals. 12 are International and National Conference papers, and 32 papers in International and National Journals.

Student achievement:

Chanchal Choudhary received a grant of 5000 USD for a gaming lens that she had created as a part of Snap AR Gaming Residency. She had also received a small spotlight at the global lens fest as an 'official lens creator' from India. Manasi Mujumdar won 2nd position at the Sci-Fi story writing competition, 'tech-tales' at NMIMS Mumbai annual tech and cultural extravaganza 'Ignite'21', Won 3rd place at IIT Jammu's script writing competition at their annual cultural fest 'Renao'21'. She is also winner of Eaton's Pratibha award of excellence from our college for her analysis and presentation on Predictive health analysis of UPS battery systems. Vanshika Agarwal and Shruti Gawas are selected for Avery Dennison Foundation InvEnt Scholarship Program 2021 they received scholarship amount 1300 USD. Aditi Jadhav got recruited as Pune chapter lead for The Girl Code which is a non-profit organization, also got selected for the Schneider Global Student Experience program.

Shruti Bharat is selected in the 'Space Generation Advisory Council', Germany for 'Under Space Cybersecurity Project'.

Co-curricular activities:

- 23 Students have presented papers in international conferences and Journals and 6 students presented papers in National conferences.
 - Pratiksha Temgire, Namira Shekh, Ankita Kajale, Paper title – “Smart Gadget for Women Safety Using IoT” were awarded Best Research Paper at ICETEMS-2021
 - Mahima Talegaonkar, Roshni Sensarma, Sanjukta Chaudhary, Paper Title “User Counselling Voice Controlled Chatbot AI Powered Human Interaction”, were awarded Best Research Paper at ICETEMS-2021
 - Manasi Shinde, Gayatri Amrutkar, Kalyani Thattekar, Paper title “Hand Gesture Recognition using Deep Learning”, were awarded, 2nd Rank for Oral Presentation at ICCIES-2021.
 - **Project Competition:** five students participated in International and National level project competition. Sakshi Wakde, Gunjan Mohad, Somya Gupta were Elected for Semi Finals in 'Ericsson Innovation Awards 2020', also awarded with '1000 Euros'.
- **BAJA 2020:** Team BAJA 2021 received 'Engineering Design Award' (All India Rank 2nd). Gargi Jain and Kunjal Kokadwar are part of the team.

NSS Activity: The students participate in various activities. There are overall 50 students under NSS. 15 students are from ETC department. 11 activities were conducted.

Activities include International Day of Yoga, NSS Orientation, Fit India, NSS Day, Fit India Freedom Run 2020, Majhaye Kutumbe Majhe Javabdari Campaign, Fit India Campaign, Not Zero Net Zero, Harit Shappat, Voters Day, and Poshan Pakhwada.

Projects: The final year students build Projects as a part of their curriculum. There are total 77 project groups. Industry sponsored 13 projects and 64 projects are inhouse.

Students have worked on real time projects sponsored by AlgoAsylum, CPR, Leap & Scale, Automate, Digital Twin, Cummins India Limited, Emprotek Solutions, Technozen, Logic Bricks, Star Engineers Pvt. Lmt, Emprotek Solutions.

Internship: Total 209 T.Y. students have completed internship. 63 students have undergone internship in Industry. Industries: Oracle, VISA, Becton Dickinson, Walmart, RBL BANK, Boeing, Sssaail, Schindler India, Icertis, MasterCard, Mastercard, Deutsche Bank, Mercedes Benz RDI, First Ventures, PWC, lexiQA, Givetastic. 143 Students completed internship projects under the mentorship of faculty

Placement: Out of 232 students, 163 students are placed. 70.25 % of B.Tech. students are placed till date. The salary offered is ranging from 3 to 20.67 Lakhs p.a.

Our recruiters are Walmart Labs, SAP, Deutsche Bank, WDC, Xilinx, Micron, Citi, BNY Mellon, Oracle, Veritas, Mastercard, Siemens PLM, PWC, RBL Bank, ZS Associates, Michelin, DELL, Addverb, Schlumberger, Athenahealth, Michelin, Fractal analytics, Conde’Nast, Incedo, Se2, Schneider Electric, Eaton, Standard Chartered, Smiths Detection, Brillio, TE Connectivity, Amazon, Alstom, Varroc, Accenture, Vodafone, Altimetrik, Persistent, TCS, Agiliad, Cognizant, Capgemini, Ericsson, DXC, Yotta, KPIT, HCL and Integrichain.

Dr. Prachi Mukherji
Head

Department of Electronics and Telecommunication.

Computer Engineering Department Annual Report

The Department of Computer Engineering proudly presents to you the faculty and student achievements along with other department happenings for the academic year 2020-21.

- Dr. Madhuri Tasgaonkar **received her Ph.D.** from Savitribai Phule Pune University.
- Mrs. Pranjali Deshpande got her patent granted Patent granted for an invention entitled “ System and Method for Providing Musical Notations” under Intellectual Property of India Patent Office
- Dr.Sunita Jahirabadkar received 3rd International Annual Award “GECL 2020” (LWT India)
- Dr. Anjali Naik, Mrs.Sakshi Mandke and Mrs. Pranjali Deshpande along with Students filed their patents. Mrs. Jyoti Bangare also published her patent.
- Dr. Sandhya Arora published a book under Universities Press. Prof. Pranjali Deshpande published a book under Technical Publication. Dr.Chhaya Gosavi and Mrs.Pranjali Deshpande published a book chapter.
- Dr. Chhaya Gosavi was the editor of book "Handbook of Research on Designing User Interfaces With a Data Science Approach," IGI Global
- Dr.Sandhya Arora is the editor for the CRC Press, Taylor & Francis, Group - Book on "Blockchain Technology"
- Dr. Sunita Jahirabadkar,Dr. Anjali Naik, Mrs. Varsha Pimprale and Dr. Chhaya Gosavi were awarded with “Best Paper” awards for their research papers with students in different conferences/symposiums.
- Mr. Hitendra Khairnar got his NPTEL Certificates for translating the files of the courses “ Software Project Management” and “VLSI Physical Design” in Marathi
- Dr.Sunita Jahirabadkar got certification in “SWAYAM-NPTEL Domain Certification in Patents and Intellectual Property Rights”
- Dr. Chhaya Gosavi received Certificate of Participation for successfully completed partition in the “Guinness World Record Event- Most users to take an online computer programming lesson in 24 hrs”
- Dr.Supriya Kelkar, Mrs. Varsha Pimprale, Dr. Sunita Jahirabadkar, Mrs. Pranjali Deshpande, Dr.Anjali Naik, Prof. Hitendra Khairnar, Dr.Chhaya Gosavi, Mrs. Neha Korla, Dr.Sandhya Arora, Dr. Neeta Maitre, Mrs. Ashwini Bhugul, Mrs. Sushila Shelke, Mrs. Rita Shelke Mrs. Sheetal Barekar and Mrs. Nutan Deshmukh published research papers in various journals and conferences. Few of these research publications were with the students.
- Dr.Supriya Kelkar was invited to present a national level webinar on “Automotive electronics and Communication” at Prestige Institute of Engineering, Management and Research, Indore
- Dr.Chhaya Gosavi (cPGCON 2020),Dr. Sandhya Arora (ICINC -2021) and Dr. Sunita Jahirabadkar(ICINC -2021) were session chairs for the mentioned events.
- Dr.Supriya Kelkar is appointed as member expert for BOS-IT (K.K.Wagh Institute of Engg Edu & Research), BOS-Computer and IT Board, SPPU and BOS-Electronics and Telecommunication (PG), GIT, Belgaum.
- Dr. Sunita Jahirabadkar is appointed as member BOS-Computer (PCCOE) and as a member (Academics) of the Computer Department Advisory Board, PCCOE , Pune. She was also Invited as a subject expert on RAC panel for research scholars at PCCOE Comp Engg Research center and schedule of RAC Review of Ph.D Research Proposals for Ph.D Admissions 2019 (Round 2)

- Dr. Madhuri Tasgaonkar, Dr. Chhaya Gosavi, Dr. Neeta Maitre and Prof. Hitendra Khairnar were the reviewers for various research papers and book chapters in reputed journals and conferences.
- Dr. Sandhya Arora and Dr. Chhaya Gosavi were invited as AICTE-ISTE Speakers for a refresher course on Research Methodology and Data Analysis, JSPM's Rajarshi Shahu College of Engineering. Dr. Sandhya Arora also acted as a guest speaker at RIET.
- Dr. Chhaya Gosavi, Mrs. Nutan Deshmukh, Prof. H.S. Khairnar and Prof. Sakshi Mandke acted as external examiners for MET Institute of Computer Science, Mumbai, Vishwakarma Institute of Technology, Vidyalankar Institute of Technology, Mumbai and College of Engineering, Pune respectively
- Dr. Chhaya Gosavi was the M.Tech Guide under SPPU.
- Dr. Chhaya Gosavi & Mrs. Meenal Kamalakar were 2nd runner up in the idea presentation competition in STTP organized by E&TC department in our college.
- Dr. Chhaya Gosavi got Fit India Freedom Run Finishers Certificate for completing 7 km walk/run
- Dr. Neeta Maitre successfully completed the 5 course series : Subhashitam Samskritam Course with Distinction Organized by IIT Roorkee and Sanskrit Bharati
- Faculty members from the Computer Engineering Department actively completed many FDPs in advanced technical areas. Majority of these FDPs are AICTE, TEQIP, ATAL or industry sponsored.
- The Summer Internship for TY was scheduled from 1st June 21 to 31st July 21. Total there were 225 students. Out of which 159 students have got Internships in the companies. The Department has organized a special "Get-Set-Groom " Programme" for those students who have not received the Internship. Total 52 students participated in the programme. The programme aims at providing coding level confidence to the students through various activities including tutorial sessions, sessions by guest speakers, In house Mini Project Implementation etc. Some of the guest lecture sessions covered topics like Coding Practices and Design Principles, Preparation for HR Interviews, Hands on QA tools, Design Patterns, Web Application security. The Highest Stipend was offered is Rs 1.5 Lakh from DE Shaw to one student.

Student achievements in co-curricular and extra curricular activities.

- **ACMW chapter conducted** a workshop on "Create your own website" for all SY students of all departments. ACMW Regional event, on " INNOVATION- A STEP TOWARDS WOMEN ENTREPRENEURSHIP" for all students of different colleges was also conducted. A Webinar on "Natural Language Processing" and "Mind Hacks" was conducted for all CCOEW students
- Zayeema Masoom, Sakshi Saoji, Eniya Kulshrestha, Sakshi Karanjekar from B.Tech (comp) filed patent for title "Lung Cancer Detection System and Therefore".
- Sakshi Dokrat, Devina Dhuri, Utkarsha Funde, Prajakta Gawaki from B.Tech (comp) filed patent for title "A system and method for capturing user gestures to interact with virtual environment"
- Kimanya Badhe, Neha Choudhary, Samruddhi Kanhed, Kanchan Sarolkar from B.Tech (comp) filed patent for title "System for Individual Identification based on eye tracking and methods thereof"
- Shreya Shinde and Mansi Shinde from B.Tech (comp) won scholarship from Udacity and Goldman Sach's respectively.
- Sakshi Pophale from B.Tech(Comp) won inspiration award in Smart India Hackathon

- Vaishnavi Rasane, Rutuja Patil, Muskan Nechlani, Rucha nandgirikar from B.Tech (comp) has won appreciation letter and a cheque of Rs. 1000/- from Softcorner for their Project.
- Kranti Gangurde from B.Tech (comp) has selected for zonal level in Avishkar Project Competition
- Prajakt Narsay, Shivani Pharande, Gardi Deshpande, Anusha Kitture from B.Tech (comp) has Runner up in CompE international conference for paper title “Space Object Classification Techniques: A Survey”
- Siddhi Sawant, Puja Shinde, Rutuja Khaire, Neha Mandge, Gauri Deshmukh from B.Tech (comp) has won Best Paper Award in conference ICINC-2021 for paper “Laprosopic Surgical Phase Recognition Using ML”
- Sonal Shilimkar, Prajakta Dharade, Ayushi Patel, Pratiksha Thosar from B.Tech (comp) has won Best Paper Award in conference ICINC-2021 for paper “Early Stage Diseases prediction using machine learning and image processing”
- T.Y. student Vishakha Narang received “**Best in college**” recognition in coding competition of **Android App development Program** which was organized by Android Study jams Developer student club (DSC) of Cummins College of Engineering For Women (CCOEW) in 2021.
- T.Y. student Vishakha Narang has achieved **26th Rank** in **Coding Challenge** in Finale Round and is also awarded for **outstanding performance** and **exemplary contribution** on TechGig.com which was organized by Techgig in 2021.
- T.Y. student Richa Pawar received “**Appreciation**” in **Hackathon Major League Hacking (MLH)** which was organized by ENTREPRENEURSHIP CELL (E cell) of Delhi Technological University(DTU) in 2020.
- T.Y. student Radhika Sethi awarded as “ **Pratibha Eaton Scholar** ” and received “**Pratibha Eaton Excellence Award-2021**” along with scholarship in Pratibha Excellence Award event which was organized by Eaton in 2021.
- T.Y. student Shreya Pawaskar received **1st prize** in **Spotle AI-Thon Business Plan Track Competition** which was organized by Spotle.ai in 2020.
- T.Y. students Shambhavi Joshi and Zope Shravani belonging to Kalawant Cultural Club have received **3rd Prize** in intercollegiate **Natyavachan competition** in Symbiosis Karandak 2020.
- SY B. Tech(Computer Engineering) student Gauri Amin received **Gold Medal** in Social Media Marketing Internship college Ambassador organized by TechFest IIT Bombay in September 2020.
- SY B. Tech(Computer Engineering) student Pratiksha Jagtap awarded as a ‘**Winner**’ in Techfest 2020 organized by College of Engineering Pune(COEP) in September 2020.
- SY B. Tech(Computer Engineering) student Aparna Agrawal won **2nd Prize** in ACM Code-It, organized by Maharshi Karve Stree Shikshan Samstha’s (MKSSS's) Cummins College of Engineering for Women in October 2020.
- SY B. Tech(Computer Engineering) student Anshika Dubey from **received an International level scholarship amount** - 1000 \$ USD in Generation Google Scholarship 2021 APAC organized by Google in June 2021.
- SY B. Tech(Computer Engineering) student Chetana Nagare participated in International english score british council certification on 22nd July 2020.
- SY B. Tech(Computer Engineering) student Gauri Amin participated in Solo Singing Competition, MIT WPU, Pune on 23 Jan 2020.

Dr. (Mrs.) Supriya Kelkar
Head of Computer Engineering Department

Information Technology Department Report

It is a privilege to present the annual report of Information Technology Department. The faculty members and students of the department are highly motivated to pursue excellence in academics and co-curricular and extracurricular activities.

All the teachers have conducted online lectures and practical sessions. We all have learnt new ways to make sure our students are learning.

This year Mr Harshad Wadkar, Mr Praful Meshram and Mrs Sneha Thombre were awarded Ph D degrees. Mr Harshad Wadkar completed his Ph D from DIAT, Pune, Mr Praful Meshram from SGGGS, Nanded and Mrs Sneha Thombre from IIT Guwahati. Hearty congratulations, three of you!

Dr Dipti Patil received "Best Innovation Award" for year 2021 by Savitribai Phule Pune University. Well done Madam!

Dr Anagha Kulkarni received research funding of Rs. 11.91/- from IBM Shared University Relations. Dr Dipti Patil has received research funding of Rs. 11/- lakh from ISRO.

Dr Anagha Kulkarni has received Society of Women Engineers (SWE) Scholarship for attending SWE Conference. Dr Dipti Patil has received a Grace Hopper Celebration (GHC) Scholarship to attend GHC Conference.

Patents were filed by Mrs Madhura Tokekar and Dr Anagha Kulkarni this year.

Aditi Patil, Prajakta Satav, Minal Sadani and Harshada Yesane won NES Innovation Award 2021 in the category Special Mention – Social Impact.

9 papers were published by students in various conferences and journals.

5 students have gone for Higher Studies to USA and UK.

86% students were placed in esteemed companies such as Goldman Sachs, Walmart Labs, Wells Fargo, Citi and so on.

I hope coming year will bring similar performance from faculty members and students.

-Dr Anagha Kulkarni
(HOD –IT)


Instrumentation & Control Department Report

Hope all are well and taking the necessary care in this prolonged COVID situation. The major challenge that this situation presented to us all was the transition of the teaching learning process from offline to online mode. I am happy to say that my faculty and students adapted very well to this transition and the online teaching-learning process is being successfully executed. Various online teaching platforms like Moodle, GMeet, Zoom were manoeuvred by the department faculty. ICT tools like Virtual Lab, Matlab, Multisim, TinkerCad, Proteus, Online IDEs for various programming languages and many more for the online conduction of lab sessions were utilized smoothly by the faculty and the students.

Considering the latest trend and need of online training, the department collaborated with Virtual Lab Nodal Center at COEP, Pune and established our own Nodal Center. This VLNC will cater to the requirements of all departments of the college.

A brief overview of the various activities is mentioned below,

1. Many of the department faculty are actively involved at college level as well. They hold key positions like Associate Dean, Committee member and Convenor for Quality Cell, R&D, CDC, Alumni Association and IIC.
2. Online Guest sessions, webinars and technical talks on various recent and upcoming topics like MEMS, Industrial Automation, Biomedical, IoT were arranged for the students.
3. One of the final year project group consisting of team members - Ms. Shalmali Kadu, Ms. Medha Moorching, Ms. Sayali Padmawar and Ms. Saniya Mandavkar and working on the project entitled - "Water Pollution Analysis Using Machine Learning " under the guidance of Prof. Pratima Kulkarni and Dr. Dhananjay Bodas participated in the prestigious Natrajan Education Society Competition (NES2020) for Innovative projects and secured First Position NES Innovation Awards 2020. This group bagged a prize worth INR. 50000.
4. It is for the first time in the history of our department that two of the final year students - Ms. Shalmali Kadu and Ms. Medha Moorching have taken up their final year project as a startup. They have successfully established their own LLP, 'Aivara Solutions' and received the one year Nidhi EIR Grant from SPPU.



5. This was the 25th year for the Forbes Marshall Project competition being held for the final year class. The award was bagged by the project group of Ms. Devika Deshmukh, Ms. Prajakta Joshi and Ms. Sayali Nirgudkar along with their project guide Dr. Atul Joshi for the project titled 'Automation of MLR controlled jet dyeing machine'.

6. In Spite of this pandemic situation, the placement scenario this year was in accord with the past years. Core companies like Wabtech, Honeywell, Emerson, Aditya Birla, Rockwell Automation, Siemens, Thermax, Johnson Control recruited our students taking the placement percentile to a good 82% .

7. With an aim to enhance the knowledge further, the faculty and the students enrolled and completed various online certification courses, published technical papers in renowned conferences and journals.

I am proud of my faculty and my students. With this passion and enthusiasm, I am confident that the department will retain its path towards achieving the organizational mission.

Dr. Mrs. Anagha Panditrao
Head,
Instrumentation and Control Department

Mechanical Department Report

Greetings to all!!

The academic year 2020-21 saw the pandemic completely full of new additions, exciting events, incredible achievements and collaborations, but ending on a somber note. Hope this pandemic goes away as soon as possible and we are back to normal.

The compulsory internship program for the current Third Year students under the curriculum has also been met with success and companies, such as Cummins India, Mercedes Benz R&D India, Boeing, EATON, Siemens, etc., have offered 2-3 months paid internships to the students. , even in the pandemic period.

The placements for both the UG and PG programs have been outstanding with nearly 95% students getting job offers in companies across the country. Mercedes Benz R&D India, Cummins India, Wabtech Corp., PwC (PricewaterhouseCoopers) Hero Motors, EATON, TATA Motors, Boeing, Alstom, JCB etc have recruited students and have offered excellent salary packages.

The BAJA team of the College, Team Zenith, attended the Virtual Event of the annual BAJA SAE India Competition, and they passed the test with flying colors.

Due to the pandemic the entire event was held virtually & our team secured 2nd prize in Engineering Design. We also got All India 13th rank. As per last year, this year we also participated in the International BAJA competition. Again, the event was held virtually.

In the competition our team secured 9th rank in the design category & 16th rank overall.

ASME (American Society of Mechanical Engineers) Cummins Student Chapter also had quite an eventful year. Though the actual events could not be held due to the pandemic, many webinars, guest lectures were conducted online which benefited the students immensely.

Overall it has been a year of learning adaptation & perseverance. We all hope that the pandemic recedes as early as possible and we get back to the normal routine.

Best Wishes for a bright future!!!

Dr. A.A.Bhosale

I Don't Know

- Komal Vaishnav

It's been so long since I've written what I feel,
I think it ain't no big deal,
Cause lately it's all about "I don't know"
I don't know how I feel anymore,
It's like I'm sitting in an empty room with closed doors.



I don't feel the hate, I don't feel the love
And why I feel this way I really don't know,
I'm neither happy nor sad,
Anyways all of this ain't that bad,
Actually feeling nothing is also too much to feel.

The Confines Of Life

- Juhi Ganvir

Life is what we choose to define it. Its definition keeps varying from person to person or in an imaginary world from a thing to a thing also, since everyone has a story to tell, regardless of being a living thing; it's all just a matter of perception. Life didn't choose its meaning, it just wanted to be understood; just like everybody else. But we humans, we want perfection and crave for idealization which probably hasn't landed the ball in our court but it remains a question of undeniable legitimacy. So we carved and shaped various ideologies and concluded to summon life as a limit. In the race of idealism, we forgot the original essence of the ravishes of life. We created our demons and made everyone: establish the idea of immortality; eventually veiling the truth: that death comes to one and all. Nothing is certain, we just have to look through it. The cloak of invisibility upon the truth was established and we never considered accepting the truth: death.

Life comes in many colours and forms. We try to measure life in years and forget the measurement kit to bring along. The measurement tool is the only tool that consists of the kit. We all possess it, but fail to recognize it because the cloak of invisibility is truly doing it's very hard! But it couldn't afford to prevail in life, so instead, it let happiness find its way and set it free. Happiness is found by one: only when it is created by one person. Life is all about happy moments. Life is limitless. It is we, who chose to give it meaning but it never fails to startle us by showing its radiating tinctures of colours upon us, and we still lose into the cloak without fail.

As Peace is: accepting the truth, life is finding your joy and achieving happiness. It is indeed an achievement rather than just a noun and the most important player of all times is the mind.

It's all in the mind until we achieve, we overcome and we live to the fullest of our hearts. The world is a beautiful place and to unlock this level of Life, we may destroy every level of it and be satisfied with what life shows us!

Let's appreciate an example of this ideology: a country which is currently named "Bhutan". It is ranked as the first in the Happiness Index of the World. The country has a limited territory in terms of area, a smaller place to quote more easily. It has few natural resources, fewer emerging technologies; and it is dependent on India for most of its basic needs, necessities and requirements; so how did it manage to be indexed as the first happy country in the whole world?

Upon taking a closer look, how was it managed to achieve this key to life and the most important question which nobody asks: how is it even sustainable?

The answer to this is simple - "content". They follow the five basic principles of Buddhism:

- mutual respect for each other's territorial integrity and sovereignty,
- mutual non-aggression,

- mutual non-interference in each other's internal affairs,
- equality and mutual benefit, and
- peaceful co-existing.

The everyday struggles remain the same, but what makes them special is their serenity. No matter what work they do, they enjoy doing it. One may find it pretty absurd in the current crisis but the truth always prevails.

It has a free school, medical facilities, depicting that the emergence of administration has also implemented "the not-so-complicated-key" in Life; leading it as the happiest country in the world and some beautiful advice for each one of us to aspire to.

Nature is incredible and it possesses its natural way to everything. The one who lived to acknowledge these splendid ways of nature has truly lived a Life and added its essence to the definition.

In conclusion, I want to quote some lines -

Leaving behind all the pain,

Living avidly the laughter's finally in the rain,

I have now appropriately learned the skills to live life,

And here I come to the oceans of pure bliss and the adventure to dive.

And now, I will retrieve myself and into the game - I'll be revived.

The Walk

- Meghana Dhanke

Stumbling, juggling, jumping, skipping across numerous tasks throughout the week my frustrated mind came to a point of blockage and an unending loop of dormant ideas with no escape. Looking at her daughter struggling and in the slightest pain, Aai thought to rescue her as her motherly instincts surged. She suggested I go take a walk. There's a world outside too and as humans even if we try we cannot lock ourselves down into a house with no touch of nature.

Looking at her caring eyes I thought I should give it a try as I am tired of this proclaimed compulsion of having to be connected every single time to this online world, this work from home which would not allow me to separate from my devices at any cost.

Putting on my shoes, my mask and my mobile in my pocket out of unconscious habit, there I go walking on the sideways of our colony noticing barricades and streets dug up because someone must have been infected.

My route was decided to go to the hill near my house; there were few people and vehicles on the busiest streets. People with their version of masks walking slowly. Someone called out my name, I couldn't define who they were with their face mask on. As she approached me, I recognized her as my friend's Aaji. She proposed we go walk together to the hill only to find out the entrance was closed.

Returning, I saw this beautiful tree with white paper flowers. I wanted to show this beauty to my friends through my social media story and I realized I don't have the internet (cause I was always home on wifi). There was this uncertain feeling of not being connected, not having to be able to communicate instantly. I felt a panic in my heart that the world is running ahead of me and I am resting like the rabbit from the fabled tortoise and the rabbit, with these upsurging feelings I was shaking, breathing heavily. I felt small in this gigantic world and I heard "oh! look at that beautiful flock of birds" it was Aaji.

I looked at the sky and took a deep breath. I was calm. I felt I deserved this rest. On the way Aaji met with her friends, she stopped to chat with them as I continued my way home. With scarce people on the road, I was scared with the slightest hints of men around me. I rushed home and saw Aai with her glasses busy with her chores and all my devices waiting for me to turn on the wifi and get back to the grind.

Ping! "Your assignment is due 11:59 PM."



International Women's Day #IWD2021

- Meghana Dhanke

Take the leap

Stabilize your flight

Make your presence

exemplified

Beware of stalls as you fly

With your brilliance

conquer the whole sky.



(PC - Keerthana Panyam)

Gateway Of Hallyu Wave In India

- Anushka Sawai

For everyone who isn't aware, or has never heard of the word "HALLYU", is a Chinese word that roughly translates to "Korean wave"; which in simple words can be described as the current Korean entertainment craze that has almost taken over most of the Indian youth. Ever since the lockdown was imposed, all of us were involuntarily stuck at our homes, spending quality time with our families and giving ourselves the much needed 'ME TIME'. I, I'm sure everyone must have picked up a new hobby or skill in this pandemic. Some might have done several technical courses while others must have spent time on digital OTT platforms as a means of entertainment.



As

As soon as my ears get to hear the term "ENTERTAINMENT", the Korean wave is what strikes first to me. I mean, it has almost been 9 years ever since I've been a; as what they call fans captivated by Korean entertainment: a 'koreaboo'. In short, I'm a veteran koreaboo! Ask any middle teen or late teen-aged population in the country and there is a high chance that they have watched at least 1 K-Drama. Ask me and I can give at least 50 K-drama recommendations and name over 100 actors and actresses. This is how I've spent much of my lockdown time simultaneously coping with my studies.

I don't have anything against Bollywood or Indian entertainment in general, but the way K-dramas are written and expressed so charmingly just appeals to the one watching it. Ethically speaking, Indian Television serials or soap operas; the k-drama equivalent in India, tends to get mawkish over some time. I believe that just like music has no language, it seems alluring in whatever language; the same goes for entertainment. The characters are soo relatable in k-dramas that one can't resist being agog regarding how the next episodes unfold.

Unlike Indian soap operas, K-Dramas are limited to 15-20 episodes with a duration of an average of 1 hour. The bucolic, rustic filming locations also add to the charm. Also, each drama has its music album with songs soothing to hear. K-Dramas lack banalness and each of them is germane and unique in its ways. They don't air daily; they typically air on Saturdays and Sundays or any two days of the week which makes sure that the audience wonder as to what happens next.

As for 2020, K-dramas like Crash Landing On You, Itaewon Class, Record of youth, The king: eternal monarch and many more have attracted several Indians fans. All these dramas are full of swoon-worthy moments and relatable situations; especially Crash landing you. Has anyone ever imagined a theme for a TV series in which a Rich South Korean Heiress, while paragliding, due to a sudden rage of the storm, accidentally "crash



not reactions I've seen to k-dramas on social media, people said nothing but were only praises and exalts about them. So, HAPPY "K-DRAMAING" EVERYONE!!!

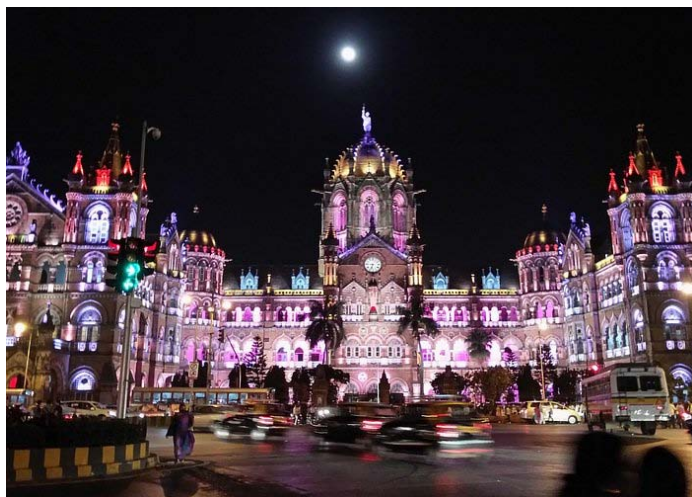
lands" into the North Korean DMZ (Demilitarized zone)? Rudimentary plots and the unrushed development of the story engenders a perfect series.

Expounded plots and, for the first-time watchers, abstruseness may persist initially but, I'm not necessarily forcing anyone to go and binge-watch them; but, all I want to say is, giving it a try is a bad idea! Keeping in mind the

Nainital and Lockdown

- Disha Morye

The last bell in the exam hall rang, indicating that the students stop writing and the supervisors start collecting. Hurriedly I submitted my paper and ran out of the room. As I came out of the building, I saw my friends putting their stuff back in their bags and discussing the paper. I joined the discussion and told them about my Nainital trip while I was still packing my bag. As we were returning home, I did a quick Google search on 'Things to do in Nainital'. A diverse list of things popped up on the screen taking my excitement to a higher level. Boating in the Nainital Lake, The Naina Devi temple, The Himalayan viewpoint, The Tibetan market, and the most thrilling and famous Safari in Jim Corbett National Park were all eagerly waiting to see us. As I reached home, my eyes gaped at the news headlines which said "Corona finding its way to India. The first covid



cases have been recorded in Pune, Maharashtra." My mother instantly called my dad informing him about the news and asked if it would be safe to travel. My parents had put a huge amount of time into planning the trip and all the tickets were booked. So we finally decided to go. It was a one-week trip with Mumbai and Delhi our intermediary stops. We packed our luggage and departed for Mumbai where we stayed at my uncle's house. The following night we left for Delhi in The Rajdhani Express. It was previously going to provide us with 3 meals and

blankets but due to the rising covid cases, they did not provide blankets. It was just one of the many plethoras of problems we were going to face. Nevertheless, we reached Delhi the next morning with the start of a beautiful day, had our breakfast, and set our step out to explore. That day in Delhi was the only best day of the trip. We visited Humayun's Tomb, Lodhi Garden, Raj Ghat, and Sarojini Nagar for shopping. After a tiring day, we came back to our hotel and took a quick glimpse of the news. The covid cases were now rising. There were a few cases in Mumbai and Delhi and a lot in Pune.

The next day we started our journey to Kathgodam in The Shatabdi Express from where we reached Nainital in a private car. By the time we arrived at our hotel, it was afternoon so we filled our tummies and went to explore! The Naina Lake was shimmering in the afternoon sun when we went boating and then visited the local market. I felt like I was in some European country. The climate was colder than I anticipated it to be. The next day we left for Jim Corbett National park. Only after reaching there, we came to know that it was closed due to covid. Another plan flopped. Now, I was moaning about the decision of taking a trip during covid. My parents felt it would be best if we prepone our trip by a day and return. So we cancelled our tickets and booked new ones for the next evening. I

spent the rest of the evening under stress but the next day brought my hopes back when I enjoyed the sun in its best colours and played with snow near the Himalayan mountain viewpoint. We also saw the mesmerizing summit of The Himalayas and had a hot plate of Maggie taking in the ice-cold aura of the mountains. We then packed our luggage and left for Kathgodam railway station. On our way to the railway station, we paused at a restaurant to have lunch where the owner asked me if we were from Maharashtra as he heard us speak Marathi. After having a small talk I came to know that he was a waiter at The Westin in Pune and after a few years of working, he came back to his hometown and opened up a restaurant. We then reached back to Delhi from Kathgodam. We had plans to visit The Akshardham temple of Delhi but again due to covid had to cancel it. Finally, we bid goodbye to all those cancelled plans and reached Mumbai at our uncle's home after a long trip of troubles.

The same day, our honourable Prime Minister announced a complete lockdown. We were all stranded in Mumbai, at least it was better than being stranded at Nainital, I thought. The lockdown meant that schools, colleges, exam centres and everything would be shut down. Oh wait, I haven't given my entrance exams yet. My JEE, BITS, CET were all scheduled for May but now I am here in Mumbai with no books to study and classes to go to. This was the period when digital learning became the most important part of my life. While all my cousins were busy playing ludo and doing the Dalgona Coffee trend, I was busy with my studies. I saw the lockdown as an opportunity to ace the exams. So for

the next three months, I did nothing but study. This was also the time when I tested positive for corona. I was kept in isolation in a nearby hospital. The nurses were very kind and polite and took good care of me. Even after taking injections for immunity and having desired meals, my health showed no signs of recovery. But as it is correctly said that every grey cloud has a silver lining, the silver lining



to my cloud of health recovered me from the deadly virus and I returned home. After this incident, I realized the value of living and the cost of living. I then played ludo every day with my cousins, made an extra bitter Dalgona coffee, baked the first cake of my life and enjoyed being with my family. After four months of staying at my uncle's home, we returned to Pune and resumed our "New Normal" lives. While this pandemic showed us the flip side of life, it also showed us how to value our lives which is the best gift that we received in the year 2020.

A Ray Of Hope

- Gauri Amin

It's quite obvious

Imagination playing tricks on you these days,

You being mused

Landing up futile,

Tedious days building a huge pile!

But yeah

Anxieties will ebb away

Time to relish will find its way,

Try not brooding over your fate today

Instead, chase inspiration anyway!

So

Look at those tiny flowers, peeping through

Searching for the sun as if

Beholding nature drizzles a happy ambience,

Right onto the sturdy cliff!

Entire mankind strives on hope

Time has taught us to easily cope,

Bright days will illuminate one day

And these pity days shall soon pass away!



The Female Face of Science and Technology

- Shruti Gawas

“No country can ever truly flourish if it stifles the potential of its women and deprives itself of the contributions of half of its citizens.”- Michelle Obama.

Women face immense difficulties in the pursuit of their careers especially in the field of science and technology and these hardships become even

broader within Indian contexts. The upbringing and socio-cultural conditioning and norms prevalent in society are still significant factors that control the path of women's careers. Despite Global connectivity and technological advancements, women are still underrepresented and the IT sector continues to be largely dominated by men.

Although feminism has extensively taken over social media and has been proactively spoken about, it is still misunderstood in quite a few terms. Feminism does not mean exactness. It is about equal cerebral opportunities, having equal rights and giving women equal choices as their male counterparts.



According to a survey, women can complete a given task 10% as fast and efficiently as men can do in today's offices. Over the period, many such pieces of research have proven female capabilities of time management and strong multitasking. Yet women end up in situations like wage gaps, stagnant posts and biased intellectual break. Shirley Chisholm rightly said, "Tremendous amounts of talent are being lost to our society just because that talent wears a skirt."

However, overcoming the hurdles we do have great examples of strong resilient women who have set solid benchmarks and embedded their footprints in the field of science and technology. Marie Curie, a physicist and chemist was the first woman to receive a Nobel Prize for her research on Radioactive Decay. Rajeshwari Chatterjee was the first Indian Women Scientist to pioneer the field of Microwave and Antenna Engineering in India. Sudha Murthy, despite coming from a typical Indian middle-class family, with her father's support was the first female student to have completed her BTech from an all-boys college who later became the first female engineer hired at TELCO. Women have also excelled equally in entrepreneurship. Some examples include Vandana Luthra, founder of VLCC and Kiran Mazumdar Shaw, India's wealthiest self-made woman and founder of Biocon Limited.

Endeavours of many such women in proving themselves efficient and breaking the stereotypes in the male-dominated realm have attracted a lot of support in these domains and otherwise. Appreciable efforts are being made by the government to encourage young female students to take up STEM [Science, Technology, Engineering



and Mathematics]. Apart from this, many companies have started a new initiative of providing a day off to women on the first menstruating day which is widely applauded and is seen as a huge step towards encouraging women to take up jobs in sectors like these.

Despite women's contribution to society, they faced a lot of bias and unfair treatment in the field of technology until recent times. However, this phenomenon is seen changing. Efforts are being made and support is

being extended to encourage more and more women to explore technology and enhance it with their creativity because in the end a progressing community can only be built by uniform efforts by both men and women.

Never Stop

- Suprada Mahadik

"...Each time you give your best. Every time You put in your best efforts. You sacrifice. You do anything and everything that it Takes. Still, you fail. The next time you get Up to start all over again, you again fail. You keep failing despite all your hard work. And this isn't the case where you just smile since you become used to it. But This is it when tears don't take a back seat. You Cry And Cry And Cry, no matter How strong you are! Failures hurt. But, You try again. Infinite times. Sooner or Later, everyone watches you there. At the Top..."



There's a famous saying: Fall seven times and stand up eight. Quite inspiring.

But the moment you fall, you feel a void. People have seen you. But you are the one who has been through each struggle on the path to reach the destination. And it hurts like hell to see it slipping off your hands each time. No matter how close you were to the finish line or

your condition throughout the race-injured or not, good or bad-doesn't make a difference as well. There's only one thing that is judged: The result or the outcome. You start doubting yourself. You are done. And you want to give up.

But, wait! Give it another try. Introspect. Rectify your errors. And do it all over again. Repeat. Seems tiring and monotonous to do it for the n^{th} time. But it's worth it. One fine day, you succeed. And else, I don't have to explain!

Pause, Breathe, Reflect

- Mahi Shukla

Last year taught me that everything is temporary. Everything that we are used to taking for granted, everything we thought would last forever is just a fleeting moment in the bigger picture that we are mere blimps in. It took the whole world ripping at the seams for us to-Pause, Breathe and Reflect.

This year made me accept my pain and embrace it. To let the heart squirm with emotions, both good and bad, and not brush away things that make me sad but to rather listen to them. To find the strength within my scars and search for light in the dark. I focused on healing, healing that helped me grow.

Healing ironed out the creases of my ache and melted me back to softness. I accepted that there is so much wrong with the world and there are countless excuses that we make to not think about the wrongness. To push it to the side. But it took me a lot of strength to understand that now's the right time to act and do what's right for all.

I learned that the phrase: "A single person can change the world" brings with it a lot more pain than I thought it would but here we are, still fighting and hoping for a better place to live in.



Decoction Of Life

- Nisha Deshmukh

Extract some hope from sun rays at dawn,
Collect all colours from the rainbow before it's gone.
Recall your strength from broken cocoons,
And I shall blend an elixir to heal all your wounds.

Steal some blush from a bright, red rose.
Steal some rush from a river as it flows.
Smuggle some dreams from sparkling stars,
And I shall brew some love in your heart's jars.

Gather some courage from the roaring sea.
Get some endurance from a proud, old tree.
Borrow some fervour from heroes
of history,
And I shall make a potion to render
you victory.



Until

- Nisha Deshmukh

Bear my silence for a while

Until I fix the broken guitar of my heart.

Until I sort its strings entangled with feelings.

And then, hear me play merry music from the start.

Bear my absence for a while

Until I search myself in the wildest forests of thoughts.

Until I pull myself out of dark caves of anxiety.

And then, watch me undo all the painful knots.

Bear that blank space for a while

Until I find words that rhyme with my mind.

Until I write verses on that blank paper.

And then, read those lines and watch my heart unwind.



Sunflower

- Gayatri Belhekar

Summer, winter and rainy

It went through seasons many;

Never the freshness became less nor the aroma faded

Blooming confidently, facing towards the sun, sunflower headed!

Bright yellow and golden rays

In the fresh air merrily it sways;

Looking closely, it brings glow on pretty face

Reminds you to love yourself and to bloom with grace!

In the 20s you are running at a great speed

But don't forget to remove weeds of hatred, jealousy and greed

Chasing your dreams is okay buddy

But often give your heart a warm read!

Just like a sunflower, believe in each new sunrise

Broken maybe your time but never be your spine

You may become a bit mature but keep that child lively within you

Because your sunflower still waits to dance with you!

Getting depressed and regretting over past

Dwelling on the future and overthinking will get you nothing but wrinkles

Do I worry about the night?

I just believe in sunlight, the sunflower smiled!



Every line of your poem may not rhyme

And that's the life champ

Believe in yourself and keep climbing

Live in the moment, Carpe Diem!

Music: A Computational Perspective

- Makarand Velankar

Music is ubiquitous and is an integral part of our life. It is an old performing art to convey emotions. Various approaches have been developed to analyze and compose music in the computational musicology domain. Computational musicology is an interdisciplinary domain involving signal processing, machine learning, artificial intelligence, psychology, cognition and music itself.

The prominent research approaches include the Ethnomusicologist approach based on Cultural and social aspects such as genre, geographical area, folk songs etc, Linguistic approach based on music as a language including music structures, style etc, Cognitive approach which deals with components such as memorization, similarity etc, Popularity approach with the study of commercially successful music in the specific genre, Psychology with a study of meaning and emotion analysis, Holistic approach involving multiple approaches. The multimodal approach involves the analysis of info from various sources such as audio, lyrics, notations, tags, videos, social media comments etc.

Rule-based approaches were popular to analyze music before machine learning became a popular approach that uses a data-driven approach. Data-driven approaches are more suitable and promising approaches considering recent advancements in machine learning. Indian music is relatively less explored and lots of research opportunities are present in this domain. It includes advancement in the existing applications or building more suitable user-centric applications. Various mobile apps or web-based applications are presently related to recommendations such as Spotify and composition such as Google magenta to name a few.

ISMIR (International Society for music information retrieval) is making special efforts to promote women's participation (WIMIR) in musicological research by offering services like mentoring, financial support for participation in conferences, fully or partially funded masters courses and Ph.D(s) in reputed universities. MIREX provides different tasks and competitions for the researchers in the domain.



Some useful links for exploration

<https://www.ismir.net/wimir/>

https://www.music-ir.org/mirex/wiki/MIREX_HOME

<https://magenta.tensorflow.org/>

Lockdown From An Introvert's Perspective

- Niharika Dhande

On 23rd March 2020, PM Narendra Modi declared a nationwide lockdown. That was the day, the world stopped moving, quite literally. The empty streets, the stark stillness of the air, it was something no one had seen or experienced before. The strict restrictions of being in a single place for several days made many people stir crazy! My brother, being an extrovert, was constantly fidgeting, calling family, FaceTiming friends. Whilst, there in a small corner of the room, lying in bed with a cosy comforter and a book in hand was me.

Being an introvert was not something I thought would bring me solace in time of need, but somehow it was exactly what happened. I was enthralled with the sudden spare time I had. My mind going 100 miles a minute thinking of the things I could do, learn, catch up with. The dust-ridden pages, due to my prior busy schedule were bringing some much-needed colour to my life. I was travelling through the 12th century in the book 'The king's last song', to the land of Oz from 'The Wizard of Oz' and to Hogwarts from 'Harry Potter'. I was sailing in my book paradise after a long time.

I picked up a new hobby of sewing, and made 4 new dresses, of which I can proudly say 2 are wearable! I also caught up with multiple podcasts which I couldn't spare time for before. But most important of all I was able to catch some Zs. And I cannot forget enacting like those princesses peering out of windows, stuck in those towers singing "When will my life begin" like Rapunzel.

All jokes aside, after hearing multiple times phrases like "get out of my head, you think too much!" or "why are you so quiet" it was nice to experience that being an introvert is not a disadvantage. If you are an introvert like me, take it in stride. The world would be such a boring place without our imagination, observations and subtlety. And don't forget, like yin needs yang and Ash needs Pikachu, our fellow extroverts need us to mellow out their vigorous energy as we need them to balance out our reserved nature.



Offbeat

- Anisha Londhe

I am on top of the world when I achieve it!

I am the most vulnerable when I lose at it!

I may invest myself in the building of my future draft,

I may waste myself in the unchangeable actions of the past!

I can be an extremely social, affable,

I can be extremely introverted, non-approachable!

I am sometimes ambitious & energetic,

I am sometimes unexcited & lethargic!

I tend to compete with time,

I tend to surrender before the 'Prime'!

I adorn the child in me,

I admire the sane in me,

I laud the wildness in me,

I hail the calmness in me!

I fear of height, I fear of depth

I fear scarcity, I fear wealth!

I radiate positive vibes sometimes,

I turn out to be toxic sometimes!

I may be obedient, I may be a 'rebel' though!

I may be typical, I may be an 'OFFBEAT' though!

I may travel & explore, I may stay back & ignore it though!

I reward myself, I torture myself

I hide my bruises, I show off my 'Scars'!

I make the roads messy, I make the roads effortless
 I encourage my internal peace, I sustain my internal wars!
 I am not okay at times, I am perfectly fine at times!
 I love the darkness at times, I swear by the sunshine at times!

I learn from my mistakes a lot!
 I keep repeating my mistakes a lot!
 I own the love that the world showers on me!
 I own the hatred that the world imposes on me!

I am brave, I am timid!
 I fade, I am vivid!

I wander through Stars and Galaxies
 I limit myself to the truths and realities!
 I have known myself a bit!
 I have to discover myself a bit!
 I oversaw a medley of 'Shadows of ME'!
 I celebrate a Mélange of 'Shades of ME'!



(PC: Komal Vaishnav)

Being Unproductive

- Deeksha Jagtap

Everyone is running their rat race,
Without realizing its loss and gain;
Let's stop a moment and ask yourself,
What would I get at life's end?

Life is full of enigma and emulsion,
Where we are all chained to the rhythm;
From the day we are born and the day we die,
In the middle is what we call life.

It's never going to be smooth and sometimes sloppy,
Always being productive doesn't mean leading;
So take a moment and ask yourself,
What's bad about being futile?

The time when you settle and mild,
Enjoy little moments with yourself and essence;
The beauty of efflorescence, and pasture,
Was some things that we always failed to grasp.

Having time with yourself isn't always awful,
But it's a period when you find yourself;
You boost your spirit and strength,
Being sterile isn't abysmal.

(PC: Komal Vaishnav)



Rapunzel

- Nisha Deshmukh

Yes, I'm the one with long, magical hair,
I was abducted by a witch who did sorcery.
Yes, I was locked in an isolated tower,
But is that all you know about me?

My naive mind was curious about what lies beyond,
It was all I could see in my dreams and my art.
I wanted to explore the mysteries of the outside world.
The walls of the tower couldn't confine my rebellious heart.

I was brave enough to escape into the wild
I took freedom at the cost of comfort.
I strove to reclaim my identity,
I stood for my faithful love.



So the next time you introduce my story to little girls,
Don't just talk about my blonde hair and my beauty.
Tell them how courageous I was
And how much I longed for liberty.

Disguise

- Nisha Deshmukh

I wonder why I express my thoughts
cautiously behind the veil of verses.

Why do I dress them in fancy stanzas, careful not to spill any secrets?

All my memories, dreams and emotions
Always find a way through elusive words,
But cloaking my feelings from the world
Sometimes they seem like mere cowards.

But if this pretence shall give me solace,
I shall heartily embrace this cowardice.
What is bravery? I do not seek its false glory.
I shall keep writing out my heart in disguise.



Sita

Nisha Deshmukh

A divine daughter, a devoted wife
 With a heart as gentle as a feather.
 She was the righteous queen of the righteous king,
 But destiny had a different fate written for her.

She was disowned by her own people
 when her own subjects suspected her purity.

Her soul as pure as the driven snow
 Could not survive amidst the tainted mindset of the community.

She was tired of giving a test at every step
 She sought justice but found it nowhere
 Seeing all her plight and suffering
 Mother earth took her to eternal rest.

They offered her heartfelt sympathies
 And the same people raised doubts about her.
 They ruthlessly exiled her, left her helpless
 And later the same society worshipped her idol.



How many more Sitas is the society willing to exile?
 How many more Sitas will have to give proofs of purity?
 How many more Sitas will have to sacrifice themselves for the
 false glory of sanctity?

Slice of Life

Sanika Kalloorkar

When I got my cat, I had thought about it for years. It started as a childish fantasy, and it wasn't a kitten at first, it was a puppy. I thought about it a lot and did research, as much as a sixth-grader could. I timidly presented the idea to my mother, with backings of said research and promises of taking care.



"You won't do it in the long run," she said to me. "You'll get tired and it will fall to me, and I have enough to look after." She was a housewife and very capable and I understood but my promises were dismissed. I dragged her to the computer and showed her videos of smart pets who helped and human-animal duos that were inseparable and she got upset.

"Your love is conditional," she said. "If you can love it without it doing anything of value, then it's real love." I had been frustrated because she was taking the wrong things from it; it was a ploy on my part to get her to say yes, but it had turned into a lecture. But as I grew up, I

realized dogs were... work, albeit cute. Cats were easier, so I settled on that. I was moving away for college and having a pet would still not be an option. It was just not practical, but that was fine to me.

As I grew up, I realized that my mother was right about conditional love and it all applied not just to pets but humans as well, and maybe to the latter more. People had kids to check it off a list, or to fix their marriages and it was so wrong to pass trauma like that to the child, to pass responsibility before the child was even so much as conceived.

Let's have a child to fix our problems! Who thinks like that? What fucked up people, I thought to myself with disgust, what immoral, cruel people to not only curse the child with life and all of its woes but to also burden it with the success of your relationship. I voiced it, in a more polite language of course, to my mother. She's something of a puritan.

"You don't understand, you won't understand the joy of having a child till you have it yourself," she said. I glared.

"I don't want... I don't want children. I don't want a pregnancy. I don't like the idea of it. I don't like even the thought of subjecting my body to all that for something- for someone-"

"Nonsense," she said. "You will get used to the idea. Besides, you're in the age where things like these seem repulsive. There isn't a lot to it."

"There is," I insisted. "I've read about all of it."

She narrowed her eyes. "I've gone through it," she said, with a tone carefully mild. "So I know better."

I stared back disbelievingly because my mother was lying to my face- pregnancies were difficult, and sometimes gross and put the body through its paces. The 'joy of childbirth' meant nothing to me.

"I'll adopt," I suggested another time, and it felt doable. My mother expected me to have children. Not in a weird, compulsive way, this wasn't even a conversation we had regularly. It's just that when she mentioned my future there was always a husband and children, and I wasn't sure about a child at all. Maybe because I was only eighteen. It was still a distant expectation; the nearest was getting a degree, getting a job. It was always given that I would be a career woman. Nothing came before that. The problem was the after.

"Don't be silly," she said. "Blood is thicker than water. You want kids who are your flesh and blood."

"It's not true," I said, trying not to fume in anger. "It's actually, 'The blood of the covenant is thicker than the water of the womb.' That means chosen bonds are stronger than blood ones."

She pursed her lips. "That's not true."

I moved out then and our conversations never strayed past her smothering phone calls about my diet at college and my social life with my new friends and my studies, which of course took precedence. I was expected to do well academically. When I went home for vacations, I thought about unconditional love a lot, and how I could integrate it into my life. I was afraid at age twenty-one, one year from graduation, of a husband and three kids and a white picket fence and felt as repulsed as I had all those years ago. I was afraid of marriage, and I was afraid I would disappoint my mother because of my radical thinking because that's what this was to her.

I somehow concluded that maybe I wouldn't have to live my life out like she wanted me to. It wasn't that she wished badly- she wanted me happiest and this was her vision of that for me. Maybe we could compromise. One time I asked her, "If I adopt, will you love the children less?"

She fell silent and she looked conflicted. "I- of course, I will love them." That's all she said. I didn't bring it up again.

I kept watching pet videos and decided that that was unconditional love for me. I would get a cat and buy it anything it needed and bear its claws and bites and clean up its vomit and hairballs. I would treat it no less than a child. If after some years I was comfortable, I would get a puppy. All of this presumably after I graduated and got a job and had comfortable enough income for it.



I went on to graduate and moved to my place which I shared with some friends. No chance of a pet here either. I didn't mind; there are other stages in life. People move out from living with their friends. It was just yet to happen for me. And I was right. I moved out to another country in three years. There was an open spot there, and I volunteered, and it was almost a relief to put distance between myself and my own country as it would also distance it from my mother's expectation of the life she wanted me to have. The relocation bonus didn't hurt either.

It took me a year or two to rid myself of the culture shock. To be fully, completely, comfortable here. I was twenty-seven. People back home had started asking about my marriage and I resented it. Once my mother brought it up and stated the neighbours as the cause.

"Might as well give them my card numbers if they're deciding my life for me," I said stonily. She persuaded some more.

"You know, unconditional love goes all ways," I snapped. "If I marry, it will be of my own volition, and no one else's, and for no other reason than love." That shut her up. It's not like I was without romantic prospects, but nothing very serious.

I thought about getting a kitten... the time seemed right. I called an animal shelter near me that night and then I called my friends and said, "I'm going to be a mother." The shrieks were endless.

In short, that's how it happened. I restructured my entire life around Pearl, a tiny kitten with a shiny black coat. I took a Friday off and took her home that day, so I would have the weekend with her. I had already bought a treasury's worth of cat supplies, and I bottle fed her milk even though she was old enough to be able to drink it from a bowl. Like I had read several times over the years, I gave her space and let her come to me. She snuggled up to me every night by the month-end.

My life changed. I would think of her before agreeing to plans. She fell sick and I rushed her to the vet at midnight and took two days off and asked to work from home the rest of the week. I talked to her, told her about my day, and she would meow back sometimes like she was trying to communicate back. She was family. It didn't feel like anything less than the love a mother would have for her child; pure and unconditional. I showed her off to my mother and she smiled a little, sadly.

"It's like having a child," she said. "Maybe you're ready for something-"

I cut the phone off and strangely didn't feel anxious about having offended her. Pearl sat in the sun on the window sill by the table I sat on to talk to my mother.

"Meow?" she asked and head-butted my hand. I smiled at her.

"It's all good," I said reassuringly. And it all was. She stretched and settled in to nap in the crook of my arm.



Imperfect Perfection

Chinmayi Adsul

I wondered and wondered, amazed by the magnificent creation

What do I, you, us really mean here?

Are we some special beings that rule the world

or are we just Mother Earth's tears!

How funny is it that, we struggle so much to live

All the battles we fight

All the roads we take

All at the end will just vanish in bright light!

The importance we give to ourselves,

The constant struggle to get respect

Unattended thoughts and emotions we keep in our hearts

Which we are so terrified to inspect

The want to be recognised,

The want to be the best.

In this, we spent all our life

And who we really are just going to waste!

If life is really a race,

Why don't you go to the finish line first?

If life is just a story,

Why do you fear if it becomes worse?

Someday everyone will lose someone,

Everyone will witness death!

But there will always be a choice,

choice of becoming wounded or becoming wise!

All we want is really to be happy,

To enjoy this NOT FOREVER ride!

Then, why do we let situations decide our joy,

And thus, struggle to make everything by our side!

Life is much larger than our thoughts,
Life is much larger than our emotions!
In the entire cosmos,
What do you think is the value of your frustrations?

All we have to do is just peel off layers,
layers of false perceptions,
layers of prejudice, regrets and frustrations!

Let's decide today,
My happiness does not depend on any situation.
Let's understand this today,
I owe myself an ocean of freedom and imperfect perfection!



Godfather: Movie Review

Aditi Singhal

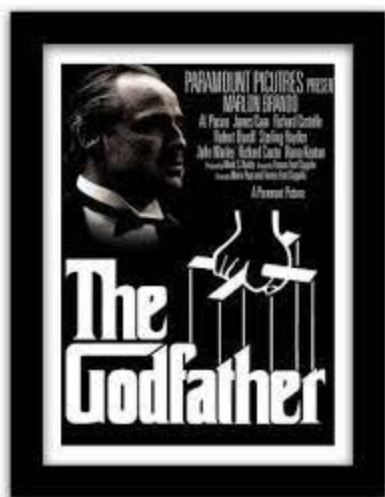
This majestic masterpiece directed by the immensely talented Francis Ford Coppola has gained classic recognition over the years. This trilogy is not just a set of three films about mafia and murder. It is more than that. My absolute favourite is the first instalment of this magnanimous stellar trilogy.

The first film 'The Godfather' was released in 1972 under the banner of Paramount Pictures with the screenplay of Mario Puzo and Francis Ford Coppola.

The first film sets the tone for all the coming films in the crime-thriller-mafia industry. Whether it is the astounding background score in the first scene or whether it is the first scene of the film which hooks you to the end, this film is by far one of the best films in the history of cinema. Marlon Brando leaves you on the edge of your seat beaming with satisfaction and in expectancy of his next dialogue. He plays the inimitable role of "Don Corleone" who is the head of the Corleone mafia family. Every dialogue uttered by him is sheer brilliance.

When you are about to think "Gosh! This guy is the best! No one else can top this acting" that is when Al Pacino makes his entry as Michael Corleone, Don Vito Corleone's son. At first appearance, he seems to be a handsome war hero with a very pretty girlfriend, who doesn't want to get mixed up in the family mafia business and is all about principles. Halfway in the film, tables turn.

Al Pacino is caught between the moral dilemma of being his father's son and having his aspirations separate from the family. The superb acting portrayed in this film is just beyond any words.



The second half of the film shows Vito Corleone has retired and has placed the business of his family in Michael's hands. Michael is now adjusting to his newly given responsibilities and facing the consequences. What the film also showcases is the fact that the consequences which have to be dealt with by people in the line of the mafia are heavily burdened. Throughout the film, Michael is trying to legitimize the underworld share his family has in the mafia. The struggle, the tragedies and the difficulties he faces are all that makes this film so special. All his battles, his losses and his successes hit close to the heart as if you are living them. This is the magic of Francis Ford Coppola. This is simply brilliant in all of its sections. The acting, the direction, the background score, the transition of every scene, the cinematography, every object and every centrepiece kept in the middle of every room, the background details and everything about this film. I have never seen a film better than The Godfather.

Self Love

- Sandipta Sahoo

Life is a dream, so live it,
Let the candles of hope be lit.
Let no failure depress you,
Grab the happy moments that are few,
Love the way you are,
You are unique; you are a star.
Don't be afraid if you aren't right,
Forgive yourself & hug yourself tight.
Fly with freedom like a dove.
Define your version of SELF LOVE!



(PC - Akanksha Thakarke)

My Brown Skin

Komal Vaishnav

I've been always given some compliments,
And somehow I've always wonder are they about my skin,
And I know they never meant to hurt me or my sentiments,
But why do we always have to make opinions about someone being black, white, thick or thin...

One of my classmates saw my mom in PTM
She said your mom and sister are milk-white beautiful and look like same,
"Why do you look like this" saying I'm just kidding,
I laughed and looked at my books pretending that I was reading.

I was suggested to wear light shades cause dark shades looks dull on me,
Everyone said white is beautiful but no one ever told me brown is bold,
I've got magic and melanin,
My most beautiful accessory is my brown skin.



A Saturday Evening Adventure

Vinita Chimalgi

I could still hear it in my head. Or had it all been a dream? I couldn't make sense of the hallucinations interlinked with reality. One thing was for sure, we had been drugged, heavily drugged. A hunch told me the grogginess wouldn't lose us anytime sooner. Suddenly the memory of the nerve-wracking strangling voice of my brother made me bolt upright. It all made sense now. It all came back.

Let's begin a few hours earlier. What should have been the quintessential fun Saturday evening for us turned into a spine-tingling couple of hours. It was 6 PM. My younger brother and I were elated. My parents were leaving for their monthly family gathering after we blatantly refused to accompany them. Having the house to ourselves was our ultimate dream, and we weren't going to let that go.

We loved these weekends filled with Pizza and cricket. So, after the regular set of instructions and goodbyes, my parents left, promising to return by 10 PM. Little did all of us know what was going to befall us. The moment we saw Our parents' car leave the driveway, there was a feeling of ecstasy in the air. Though I had recently turned 18 and my brother was just 11, our age gap rarely came into the picture when it came to our fun and frolic. My brother signalled me to order the Pizza while he switched on the television. He headed into the kitchen to make our favourite chocolate sandwiches, while I comfortably settled into the couch. After some healthy banter on the larger piece, we heard our doorbell. I quickly leapt out expecting the Pizza, but my brother stopped me. I turned back, puzzled. He seemed grim. I saw the shadow of fear cross his face. Quickly I stepped into my elder sister's shoes and asked him to brush away his fears. After all, who could it be? The security would have informed us in advance had it been someone other than the Pizza delivery guy.

Nonetheless, I could say nothing to stop his frantic protests or replace his alarming looks. He had seen a shadow cross the garden and it wasn't a pleasant sight for him. We peeped through the pinhole and saw a couple of harmless pizza delivery guys. For a moment Seeing two of them instead of one, suspicions crossed my mind too but I negated them thinking of it as an implanted thought.

Cautiously I opened the door, meeting with a warm smile. I tried taking the box from his hands, but out of nowhere the barrel of a gun appeared from the other guy's hands. My first instinct was to scream but my throat went dry the moment he pointed it to my brother. They whispered to us that they were robbers and wouldn't hesitate a moment before using their weapons in case we don't comply with their demands. The warm pretentious smiles had turned into menacing threats and we were too mortified to react. They quickly ushered us into the room. We soon learned that they had blacked out our security guard. They weren't just harmless robbers after all. I tried to comfort my terrified brother but to no effect at all. Soon we were blindfolded and drugged and lost our consciousness.

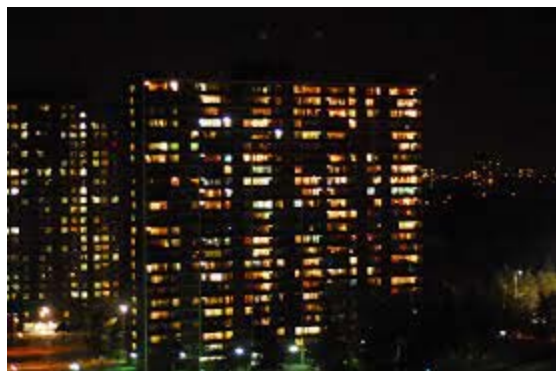
Cut to the present situation, I woke up in an empty room hearing my brother's screams from the adjacent room. My hands and legs had been tied. They had separated us in hope of us not trying any tricks on them. Every cell in my body was now alert, trying to comprehend a way out of the hapless situation. My eyes fell on a sharp object just within my reach. It was one of my brother's old toys. I managed to catch hold of it with my teeth. Slowly, I tried rubbing it against the harsh

ropes on my legs. Miraculously, they came off. The same went with the hands. I couldn't believe my luck.

I cautiously tiptoed across the room and peeped through the slight opening of the door. I saw the two men having a heated conversation on the goods to be stolen. They were seriously considering taking my mom's antique watch, whose value they had astonishingly guessed right, though apprehensive over the fact that it might be traceable to them since it was such a rarity. One of them then whispered something and they ran down the corridors. Jumping at the right opportunity I quickly slid into the bedroom my brother had been tied to. I saw him, struggling against the chair he was tied to. His eyes lit up when he saw me. I untied his ropes as quickly as I could without letting the panic set in. We almost started blabbering immediately on what our course of action should be. Should we call the police or our parents first? If so, How? I'd left my phone on the couch in the previous storey, And the intercom of the room we were standing in didn't work. My brother then had a flash of brilliance. He started writing notes and throwing them out of the window into the courtyard of another house. Shouting or screaming would be too risky, It would have immediately alerted the men downstairs. We tried throwing as many notes as we could while collecting odd pieces of metal in the meantime which could serve as a weapon in case it all came down to tackling them. I was hoping against it. My heart skipped a beat when I heard footsteps heading towards the door. My brother and I exchanged alarming glances. It would be tackling then.

One of the robbers barged into the room only to find us unclashed with objects in our hands. Almost as he reached out for his gun, My brother in a lightning bolt speed aimed a slingshot, which I hadn't even noticed until then, perfectly toppling over the gun. I took advantage of the momentary shock that crossed the man's face and hit him with another object. The blow knocked the air out of him.

And we ran. We heard the thudding of footsteps behind us. But We ran as though nothing else mattered. It took us around just a couple of minutes to get out of the house and make a couple of phone calls. We had managed to secure the main door, making it impossible for the robbers to escape from the house. They tried to bang the door as hard as they could but to no effect. Fast forward to 10 mins, several police vehicles had arrived. No sooner, my parents rushed home too, clearly appalled. It caused quite a commotion in the neighbourhood and we soaked in the limelight. The police immediately headed into the house easily handcuffing the two of them. The medical team checked us up on the drug injected and found that it had been a harmless one, intending to just pass us out for a couple of hours. I looked at my watch. It was 10 PM. I had completely lost track of time in the chaos. They asked us for all the tiny details and with great zeal, I narrated the sequence of events, interrupted by inputs from my overenthusiastic brother. He wasn't going to be left behind. Only when the police left did I realise the magnitude of exhaustion I felt. It had been an absurd day but the caressing and attention from our parents felt good. They were bewildered at the whole sequence of events and extremely terrified over the fact that we had been subjected to threats under the barrel of the gun. We had earned it.



I looked at my brother. We exchanged incredulous smiles. We got our Saturday evening after all.

Why?

- Rojina Shaikh

Someone asked me,
Why do you wanna do this?
I replied,
Why do you wanna know?
At least I can have something
Rather than going with this flow!
I do agree I can do nothing
But shift it slowly!
Who are we to set
Our lives in a cage,
And get stuck in a maze,
Design a path
We can never trace,
And live with something so less?
Let just get somewhere
Far from here
Don't let the world tear,
Whatever we have with
Or without smear!
Can we just get some time?
To talk thousands of miles,
Without a reason
But with a smile,
To know why are we alive?
It is okay to go get lost,
Rather than having
Just a shadow to cast,
No matter how we get ourselves
Whether too slow or too fast,
But, yes we can step into the light at last!

The Inspiring Scientific Miracle of My Life - I

Anushka Erande

"Science", the word itself, has fascinated me since childhood. I would always wonder, why is there a need to prove a phenomenon of a concept always? Why can't humans just believe in things until they are scientifically proven? But then as I grew older I began to realize that everything in this Universe which happens has a reason behind it and in this world of "Kaliyug", no one is going to believe you until you give them scientific proof or a reason. Based on this I would like to share an experience of life.

I was in my early teens at that time. The most popular and fascinating series on television of that time was "Harry Potter". Well, that movie is all about magic and fantasy. But after all magic only remains magic unless it has been explained scientifically. There was a scene in this movie where they have shown 'An Invisible Cloak' which could make a person invisible. I was very fascinated and obsessed with this Invisible Cloak. I always wanted to have one. But everyone and even my parents made me believe that nothing such could ever exist until a ray of hope came into my life.

After a few years, I was gifted a book, "Mahabharat - The Secret", by one of my friends on my 16th Birthday. And that's when I found hope to start believing in my childhood dream once again. The book mentioned different kinds of weapons used in Mahabharata and their research. In which one of the contents mentioned: "Viman Parwa"- The lost book of Mahabharat. It had clearly explained the possibility of making planes invisible. Yes, you heard right !! Well at first I couldn't believe what I was reading but then I found a scientific reason for it. In the book, it was mentioned that the amount of light that is reflected or refracted depends on the interaction of electromagnetic waves of light. There is a group of anisotropic metamaterials. This group comprises artificially synthesised materials. So theoretically, anisotropic material has a variable refractive index and can bend light. So if an object is sheathed in metamaterials, light isn't reflected or retracted but is simply guided around it. All natural materials bend electromagnetic radiation in one direction. But metamaterials on the other hand can be arranged so that their index of refraction forces waves to travel a path that bends towards normal. By diverting the waves upward and then down again the object from a visual point of view, doesn't even exist. So it explains that light waves are guided around the object in such a way that not only the object is invisible but it doesn't even cast a shadow.



And that's when, after reading this book I started believing that I could create an Invisible Cloak. Not only for personal use but such an invention could help us find answers to many mysterious events that occurred in the past. This can be used in the army also to make invisible planes and invisible cloaks for soldiers. Give a thought to it once, if we are getting successful in bending the light waves in such a way, then it could be also possible in future to bend space and time, which could make us able to travel enormous distances in less time which could bring a lot of benefit to mankind. These events inspired me a lot to take effort and give a try to be a part of such a great scientific invention.

This book inspired me a lot. It made me think beyond the concepts of today's existing science. I figured out that to achieve something you first need to believe in the thought of achieving it, even when you don't have proof yet. This thought itself leads a person to achieve his goal. No one ever believed that wireless communication would ever exist at first. But today the result is in front of you. Cellphones, telephones and many more electronic gadgets would connect you a thousand miles away. This is possible today because someone gave a thought to this wireless communication, he strongly believed that it is possible and that's why he was successful in achieving it. That's the main logic behind science, " You need to believe in things. when nobody else does when a proof doesn't even exist". So that once the thought catches your mind that "It is possible " then you can achieve anything. And the day I realized that invisibility is possible I decided that I will make this happen and I will give the world "The proof".



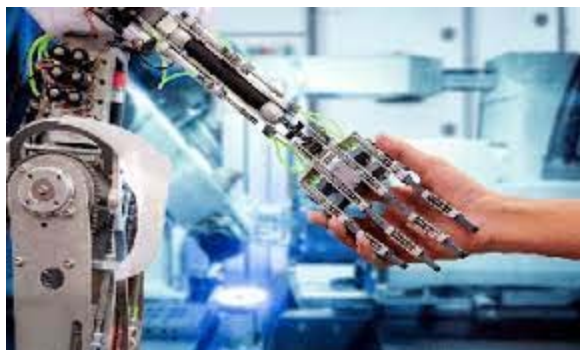
And finally, if this happens someday then it would be the best example for mankind. It would lead humans to achieve things that are known to exist just in the fantasy world. This would indeed lead to the betterment of mankind and society. After all, Someone has said - " There just needs to be a little spark of hope to achieve impossible things".

The Inspiring Scientific Miracle of My Life - II

Ishika Dande

Let's put our minds to the quest and share the first and foremost idea that strikes us when we hear the word "science... ". A high-tech techno-savvy lab containing various test tubes filled with multicoloured liquids, or numerous biological specimens placed behind shiny glass doors or something similar to that.... right?

But the fact is that this small, just seven alphabetical word is capable of accommodating and summing up not only innumerable topics but also of various fields from different walks of life. Since ancient times, science has played a pivotal role in shaping and strengthening society and paving the path into becoming a more evolved, progressed and self-independent nation. Countless wishes, which a person had the liberty to only fulfil in dreams, have come to reality and all these marvels have only been possible through the spectacular miracle worker named 'science'. Such phenomenal discoveries and inventions have motivated a myriad of individuals for seeking and solving varying questions and baffling mysteries of nature.



For me, one of the most inspiring moments had been when I had heard about the technique of development of artificial organs and their replacement in human beings. Till now we had always believed living organisms to be one of nature's most spectacular and unparalleled nature's creations and here we are today scaling another challenge through science by recreating nature's mechanism...sounds cool, doesn't it? They say and it is true "Science is a magic that works". The technique of artificial organ development has blazed a trail for young pioneers towards the unique interdisciplinary field called "bioengineering" which in simple terms can also be described as an important research area that lies at the intersection of medicines, life sciences and engineering. The first and foremost artificial organ came into corporeality in 1982 called the Jarvik-7 to be designed by medical researchers Robert Jarvik and inventor Willem Johan Kolff. Jarvik-7 was the first fully functional, artificial heart to be successfully implanted in a human.

Today as technology is progressing and advancing, the demand for artificial organs is also rising. This and similar techniques like tissue and cell engineering have given new lives and yet another chance to live for numerous. I feel that this development has played a vital role in evolution not only for science but also for the whole of mankind. In times before this technology came into the picture adults, youngsters and even babies used to die because of failure of various organs that got damaged due to an accident, or through trauma, disease, or a condition present since birth. Also, many people even lost their limbs in such unfortunate mishaps and hence such techniques have been of immense assistance to many, to help them in repairing, replacing and enhancing the systems. The thought of such an artificial organ that could replace a real, damaged one and give that person a new life is fascinating. Furthermore, the advancement in biomechanics has been proved to be a boon for science. That is, with the help of emerging

fields such as biophysics, bioelectronics people are thinking and analysing the problem through various angles and similarly are trying to find apt solutions for the same. A prosthesis is a yet another technique and a budding field that intends to restore the normal functions of the missing body part.



Consequently, this further research in the field of science has revolutionised the lives of billions and continues to do so. It has considerably altered society and in turn the world by its wonderful discoveries and inventions. It has removed the darkness of ignorance and lit a new path for the generations to come. But at the same time although science has given immense importance to the whole world it still does have its disadvantages. We should try to move forward with technology but at the same time, we should

also learn to not let it control us.

Hence, to compare and to conclude, science has been a wonderful friend of the whole human race which has helped in illuminating the world and a lot more remains undiscovered as Sir Isaac Newton has rightly said,

“To myself I seem to have been only like a boy playing on the seashore and diverting myself in now and then, finding a smoother pebble or a prettier shell than ordinary whilst the great ocean of truth lay all undiscovered before me.....”

India's Freedom Struggle - I

- Disha Morye

In 1498 Portuguese sailor Vasco Da Gama discovered a new sea route to India opening a wide market for trade between Asia and Europe. In the early 17th century, The Portuguese, Dutch Republic, British, and French established trading posts in India. As the Mughal Empire began to decline in the 18th century, the Europeans took the opportunity to establish their rule over India. In the later 18th century, Great Britain and France struggled for dominance when The East India Company defeated the Nawab of Bengal in the Battle of Plassey, marking the beginning of British conquests in India. Later, in the Fourth Anglo-Mysore War of 1799, The East India Company took over Mysore by defeating the army led by Tipu Sultan. The Third Anglo-Maratha War ended with the defeat of Bajirao II and the end of the Maratha Empire, leaving the East India Company with control of almost the whole of India. British policy in Asia during the early 19th century was chiefly concerned with expanding its trade and protecting its hold on India. The British abolished practices like Sati made social reforms like The Widow Remarriage Act, prohibited child marriage, explained the importance of education, and introduced the first railway between Bombay and Thane.

Later in 1857, the greasing of the cartridges for the Enfield Rifle with cow and pig fat hurt the sentiments of both Hindu and Muslim sepoys which paved the way to The Indian Rebellion. Fighters like Mangal Pandey, Rani Laxmibai, and Tatya Tope sacrificed their lives during the rebellion. The last Mughal Emperor Bahadur Shah Zafar was deposed by the British East India Company and India was transferred to the British Crown. This gave rise to the British Raj in India.

To form a platform for civil and political dialogue among educated Indians, Alan Octavian Hume established the Indian National Congress in 1885. Dadabhai Naoroji, Badruddin Tyabji, W C Bonnerji, and Romesh Chandra Dutt were its prominent members. Another major event took place in the year 1919 when General-Dyer and his troops opened fire on the crowd gathered to celebrate the festival of Baisakhi and peacefully protest the arrest of two national leaders, Satyapal and Saifuddin Kitchlew. This incident is widely known as The Jallianwala



Bagh Massacre, which killed 379 people and injured over 1,200. The Rowlatt Act passed in 1919 brought Mahatma Gandhi to the mainstream of the Indian struggle for independence and ushered the Gandhian Era of Indian politics. He launched the Non-cooperation movement on 4th September 1920 with the aim of self-governance and obtaining full independence (Purna Swaraj). The act motivated Gandhi to conceive the idea of Satyagraha (truth) and was a huge step forward in the battle for independence. In 1922, a large group of protesters participating in the Non-cooperation movement clashed with the police at Chauri Chaura and set fire to the police station. Mahatma Gandhi halted the non-cooperation movement as a direct result of this incident. The imposition of heavy taxes on salt led to the Salt Satyagraha or Dandi March in 1930, which marked the beginning of the Civil Disobedience Movement and shook the foundation of the British Empire. Successive events like the formation of The Quit India Movement and The Indian National Army by Subhash Chandra Bose were prominent steps towards independence. The work of these various movements ultimately led to the Indian Independence Act of 1947 and the creation of Pakistan. Pandit Jawaharlal Nehru was elected as the first prime minister of

Independent India.



Fighters like Mangal Pandey, Bhagat Singh, Rajguru, Sukhdev, Rani Laxmibai, Chandra Shekhar Azad, Batukeshwar Dutt, and many others sacrificed their lives for our independence. A very important learning from the freedom struggle has been the teachings of Mahatma Gandhi on 'Ahinsa'. India during its freedom struggle has proved that the biggest challenges could be overcome by following the principle of Ahinsa.



(PC -Manasi Mujumdar)

India's Freedom Struggle - II

Srija Sreenivasrao Gubbala

Celebrating 75 years of India's independence is to relive the moment and to enjoy the spirit of freedom. Another reason is to remember the sacrifices and lives we have lost in this struggle for freedom. On this occasion let us remember India's achievements in different fields that make India a proud nation.

The constitution of India was adopted by the constituent Assembly of India on 26 November 1949 and became effective on 26 January 1950. It was on this day India became the biggest democracy in the world. In the same year, the Indian Constitution officially granted women and men suffrage. India is among the first countries to grant voting rights to women without any discrimination. In the early independence period, we Indians proved that India is a country where women are treated as goddess Lakshmi.

यत्र नार्यस्तु पूज्यन्ते रमन्ते तत्र देवताः ।
यत्रैतास्तु न पूज्यन्ते सर्वास्तत्राफलाः क्रियाः ॥

The divine is extremely happy where women are respected.

Hence, on 24 September 2014 India's first aircraft to Mars entered Mars orbit making India the first Asian country and the only fourth country in the world to enter Mars orbit in its first attempt. Team Mangalyaan was a woman-dominated team.



India has a strong focus on science and technology but has never forgotten ethics and morals. During the covid pandemic, India has emerged as an 'Atmanirbhar nation' and now India is called the pharmacy of the world. Covid 19 vaccine rollout is India's gift to the world in combating the virus.

This shows India's strong belief in, "Sarve janaha sukhino bhavantu".

न कश्चित् कस्यचित् मित्रं न कश्चित् कस्यचित् रिपुः ।
व्यवहारेण जायन्ते, मित्राणि रिप्वस्तथा ॥

Neither is anyone's friend nor is an enemy, because of work and circumstances people become friends and enemies.

India has never attacked any nation to expand its territory but has always protected its territory and answered with strong dignity. The Indo-Pakistani war in 1971(Bangladesh Liberation war) and the Kargil war in 1999 are the best examples to justify that. India has always stood against terrorism and strongly answered to Uri attack, Pulwama attack (Black day) etc.

When it's time to show its strength and talent India has never stood back.

In 2008, Abhinav Bindra created history by bagging gold in men's 10m air rifle event at the Beijing games. In the 2010 Commonwealth Games, we won 101 medals, including 38 gold. P.V Sindhu achieved the silver medal in the world Badminton Championship 2017 and reached an all-time high of second-ranked woman badminton players. 10 years old R Praggnanandhaa became the world's youngest International Master in chess. India has been part of five men's Kabaddi World Cups held till now and won all of them. The Indian Women's team has also won all Kabaddi World Cups held to date. And the list goes on.

India is a nation of great leaders like Mahatma Gandhiji, Jawaharlal Nehru, Swami Vivekananda, Narendra Modiji etc. Also, a country of great scientists like APJ Abdul Kalam, C V Raman, J C Bose, Homi Bhabha etc. Great sports personalities like Dhyan Chand, Kapil Dev, Sachin Tendulkar, MS Dhoni, Saina Nehwal, P.V Sindhu etc. We also have globally well-known entrepreneurs like Narayan Murthy sir, Ratan Tata, Sabhir Bhatia (Hotmail founder), Ambanis etc. Not to forget our amazing musicians Mr A.R. Rahman, Ravi Shankar, Subbalakshmi etc.

In these 75 years of Independence India has evolved as a country with great diversity in culture, skilful human resources, art forms, IT technology, health facilities, defence weapons and also in educational facilities. The progress goes on.



Saare jahaan se accha Hindustan humara.

JAI HIND !!

Sehen Sie Wie die Natur ist am Leben

Priya Shah

Schau auf den Himmel
 Das war noch nie so Blau
 Schau auf den Fluss
 Das war noch nie so klar
 Da ist die Welt geschlossen
 Schauen Sie wie die Natur ist am Leben

Tiere auf der straße
 Das war noch nie so freue
 Glückliche sind alle
 Das recht ist gegeben
 Schauen Sie wie die Natur ist am Leben

Die Luft ist ruhig
 Das war einmal laut
 Jetzt nur mit die Bäume
 Hat es langsam fliegen
 Scahuen Sie wie die Natur ist am Leben



Aber wie viele lange?
 Nicht für die krakenheit
 Aber für die Menschen
 Machen eine Pause vom Rennen
 Eine Unterricht aus der Natur lernen
 So wie war wir uns hatten
 Zeigen Sie die Natur auch uns hatten
 Und sehen wie die Natur ist am Leben

क्षितिजावरचा सूर्यास्त

आकांक्षा निळकंठ माने
T.Y.B.Tech Comp(A)

दिवस मावळतीकडे झुकल्यावर आभाळात भरून येणारे सोनेरी रंग, क्षितिजावर दिसणारे ते केशरी सूर्यबिंब, अगदी डोळ्यात साठवून ठेवावं असं हे देखणं दृश्य मात्र सारखं नसतं.

कुठलाही सूर्यास्त कधीच एकसारखा नसतो.

प्रत्येक सांजवेळ ही काहीतरी नवीन रंगछटा उधळून जात असते तर मग प्रत्येक प्रवास तरी कसा एकसारखा असेल..?

कधी साधा सरळ तर कधी तो आडवळणी असणारच, कधी खूप सुखावह वाटणारा तर कधी पुरती दमछाक उडवून देणारा. प्रत्येकाच्या भोवताल नुसार, कुवतीनुसार तो बदलतोच.

टॅक्सीच्या खिडकीतून दिसणारा धावता सूर्यास्त आणि समुद्र किनारी किंवा डोंगरावर बसून पाहिलेला सूर्यास्त खूप वेगळा असतो ना...



' हे मात्र नक्कीच शिकवून जातो.

खिडकीतून दिसणारी सांजवेळ घाईत असते, तर डोंगराच्या उंच माथ्यावरची सांजवेळ ही संथ असते.

मग प्रश्न असा उरतो की टॅक्सीच्या खिडकीतून दिसणारा तो मनमोहक सूर्यास्त सुंदर की डोंगरदऱ्यातून क्षितिजावर दिसणारा डोळे दिपवणारा सूर्यास्त सुंदर..?

उत्तर काहीही असो...

क्षितिजावरील अस्ताला जाणारा तो सूर्य 'एखादी गोष्ट सरते शेवटी ही इतकी सुंदर असू शकते

आज काही थांबत नाही हा...

- वैष्णवी कुलकर्णी
T.Y. Mechanical

आकाश निरभ्र तरी पण कोसळतोच, अगदी माझ्या मनाच्या 'स्वच्छ' पाटीसारखंच म्हणावं याला !!! हातात एक शाईचा पेन, गरमागरम कॉफी, एक सुंदर शब्द स्वरांची किनार असलेली डायरी आणि बाहेर चिंब करणारा पाऊस! सायंकाळी पाच सहा वाजेपर्यंत सतत कोसळणारा पाऊस थांबला आणि कोवळी उन्हां साद घालू लागली.

इंद्रधनुच्या रंगांनी मलाही क्षणभर मोहरून टाकलं. आठवणीच्या सप्तरंगात जाऊन येताना काहीतरी सांडल्यासारखं वाटलं कोऱ्या पानांवर... तिकडेच खाली नाव लिहिलं आणि सरळ खिडकी बंद करून घेतली. एक दोन दिवसांनी काहीतरी कुजबुज झाली मनात आणि पुन्हा काहीतरी उतरलं त्या कोऱ्या पानांवर.... रात्री उशिरापर्यंत अमृतवेल संपवलं आज आणि पुन्हा काहीतरी घडलं आत...पुन्हा पानं रंगली आज मात्र प्रीतीचा रंग चढला होता त्यांस.....लेखकाच्या

जीवनातला आनंद म्हणजे ही कोरी वही काहीतरी रेखून रंगवावी, शब्दांच्या पलीकडले मन इकडे आणून सजवावे, रात्री जगाव्या, शब्दांवर प्रेम करावे अन् असंच कधीतरी, कुठेतरी वाचावी एखादी मनाची भाषा.... आवडली तर समाधान!!! कधीतरी कार्यक्रम करून रसिकांना ही सांगावं म्हणते

माझ्या मनीचं गूज ! 'हाऊसफुल्ल' कार्यक्रमाचा असाही आनंद घ्यावा म्हणते कधीतरी! पण तो पाऊस आणि कॉफी यासारखं काहीही नव्हे बरं का!

"मनाला माझ्या सावरणे सोपे नाही

आठवणीत राहतील अजूनही क्षण तुझे काही."



अहं ब्रम्हास्मि !

धनश्री तेलंग

B.Tech. Mechanical.

कधी कधी वाटतं ,मी पूर्वीही जगले आहे, या वर्षापूर्वीच्या कवितांमधून ,त्या अजरामर नाट्यातील नायकाच्या जिद्दीतून , अभयारण्यातल्या बागडणाऱ्या मुक्त पाडसाच्या निरागासतेतून!

अचानक जाणवतं मीच ती ज्युलिएट प्रियकराच्या प्राप्तीसाठी साऱ्या जगण्यावर उदक सोडायला तयार झालेली ; अन दुसऱ्याच क्षणी वाटतं, केवळ आपलाच बनून राहा असंही कृष्णाला न म्हणता त्याच्यावर जीवापाड प्रेम करणाऱ्या राधेचा निस्वार्थी अंशही माझ्या ठायी वसतो !

सारं काही मिळूनही वखवखलेला वासनालोलुप ययाती ;तर कधी जे आहे त्यालाच स्वर्गसुख मानणारी शर्मिष्ठा , ती सुद्धा मीच होते! एखाद्या सानुल्या फुलाचा सुगंध घेऊनही मनाला अमाप हर्ष होतो ; तर कधी एखाद्याच्या चेहऱ्यावरील समाधानाच्या भावाने नरकयातना भोगणारीही मीच होते !

मी एक नाही, अनेक आहे, या सृष्टीच्या अमाप मोहक रूपांत , रौद्र अवतारांत , कवींच्या प्रेमगानात आणि नायिकेच्या विरहात ; अत्युच्च आध्यात्मिक सुखात आणि कधी कधी हीनतेला स्पर्शून उठणाऱ्या सुखलोलुप तेही मीच आहे! मीच ग्रहाताऱ्यांइतुकी प्रचंड आणि मीच वालुका कणा इतुकी नगण्य ! आज जरा डोळे उघडले तर उमजल माझेच तुकडे , माझीच प्रतिबिंबे या चराचरात भरून उरली आहेत ! कारण..... अहं ब्रम्हास्मि !

स्त्रियांनो..

-भाग्यश्री गौरीशंकर स्वामी

S.Y. Mechanical

स्त्रियांनो,

आज एक मागणे असावे, स्वतःचे स्वतः कडूनच ...! स्त्रियांनो, कोणी तुमचा हात धरून तुम्हाला उभं करावं, असं का ??... स्वतः उभं राहावं, स्वतःच्या इच्छांचा आदर करत. कारण, दुसऱ्यांनी उभं केलेलं असतं ते बुजगावणं अन् स्वतः उभं केलेलं असतं ते स्वतःच अभेद्य अस्तित्व, जे दुसऱ्यांच्या ही आयुष्यात लख्ख उजेड टाकतं! हे बघा, तुमच्या क्षमता निराळ्या असतील... त्यांचा वेध घ्या. त्यांना कर्तबगारीची धार द्या. सख्यांनो, तुम्ही स्वप्न पहा. अर्थात प्रत्येकाने स्वप्न पाहायला हवीच ! पण, ती पूर्ण करण्यासाठी तुम्ही वेड्याही व्हा !..... काय तुम्हाला भीती वाटते ? या समाजाच्या कठोर नियमांची भीती ? अगं राणींनो, मनुष्याने जीवन सुरळीतपणे जगण्यासाठी हे नियम बनवले आहेत . आपल्याच भोवतालचे लोक या नियमांची यथा शक्तीने अंमलबजावणी पाहतात. त्यांच्या या जोशात ते स्वतःच्या मनाचेही नियम बनवत असतात. एक लक्षात ठेवा, जगातला कोणताही नियम मनुष्याच्या प्रगतीपथावर बांध निर्माण करणारा नसतो....नसावा ! तुमच्या वाटेवर जर तुम्हाला असा एखादा बांध सापडला, तर तो निर्माण करणाऱ्या तमाम भोळ्याभाबड्या वर्गाला तुम्ही क्षमा करा आणि तुमचा रस्ता धीटपणाने चाला ! शेवटी, नियम मनुष्यासाठी असतात, मनुष्य नियमांच्या पूर्ततेसाठी नसतो. मनुष्याचे मन , जीवन उजळून टाकणाऱ्या तुमच्या सद्गुणांना , क्षमतेला आणि ध्येयाला आज मी आव्हान करते. ज्या स्त्रियांनी त्यांच्या जीवनातला अंधार दूर केला आहे, त्यांचा मी आदर करते, गौरव करते. त्यांचा सम तुमच्यात देखील उत्तुंग भरारी घेण्याचे धाडस निर्माण व्हावं आणि स्वतःच्या अस्तित्वाला स्वतःची ओळख देण्यासाठी तुमचे कर निर्भिड होवो यासाठी मी प्रार्थना करते ...!



काळजी घे म्हणजे काय?

- मुग्धा डवरे. SY EnTC

बळ देऊन आपल्या मनोबलाला,
झुंज दे तू अवघड समस्यांना ;
तोड तू आव्हानांच्या बेड्या,
घालून आत्मविश्वासाच्या कड्या ;
होईल नीट असं म्हणायची रीत जगाची,
लढा दे, कारण तुला ओळख आहे बनवायची ;
आपली माणसं आहेत संगी,
सामना कर हे लक्षात ठेऊनी;
नाही तू एकटा, नाही तू हारलेला स्वतःशी,
आहे तू अमूल्य पूंजी अवघ्या आयुष्याची

...आस उद्याची थोड्या सुखाची ...

संपदा संदीप बाठे - TY Comp

दिस मावळता सूर्य लपला,
चांदण्यांसोबत चंद्र हसला,
पेटले दीपक, वाजल्या घंटा,
थांबले वाद थांबल्या तंटा,
समेटून सगळे बाप निघाला घरला,
ऐकत ऐकत पाखरांचा गलबला,
कानी येता गजर कीर्तनाचा,
मनी आला विचार घरादाराचा,
पेटेल का चूल मिटेल का भूक,
सोन्यासारख्या बायकोला अन् मुलाला,
सांग देवा कसं देऊ सुखं?
परतूनी झोपडीत विचार थांबला,
एक भाकरी पाहून भूक नाही म्हणला,
टाकून अंथरुण वसा घेतला....
मिटूनी डोळे झोप लागेना,
उघडूनी पाहता रात्र संपेना,
रिकाम्या पोटातून येतील का आवाज?
झोपलेला बाप करितो चिंता...
करूनी मनन मांडतो व्यथा,
माझ्या विस्कटलेल्या घराला सावर रे भगवंता...
आस उद्याची थोड्या सुखाची ,
गोष्ट ही भाकर तुकड्याची...
कुटुंब असता जबाबदारी,
नको आणू रे देवा ही उपासमारी..
असो तो शेतकरी किंवा भिकारी..
आम्ही तुझे कैवारी, तूच आमचा कारभारी,
थोडी करूनी दे जाणीव माजू ज्यांना त्यांच्या जबाबदारीची,
आस उद्याची थोड्या सुखाची ...



“आयुष्य ” हे एकचं गाव ..

मयुरी महाजन
T.Y EnTC (B)

आठवणींचा उजाळा , प्रत्येक थेंबाचा ओलावा
पाण्याचा प्रत्येक थेंब , श्वासांचा तो प्रारंभ
जीवाचं रान करून केलेलं गाव ,
याला “ आयुष्य ” हे एकचं नाव

प्रत्येक क्षणात जोपलेला तो आधार ,
कुंपणाच्या बाहेर असणारा व्यवहार ...
वाऱ्याची ती सळसळत चाहूल,

आनंदासाठी रोपलेलं ते प्रत्येक पाऊल ,
आनंदापासून अनंताकडे जाणारा गाव ...
भगवंताच्या नामाच्या गर्जनेतुन मिळालेलं समाधानाचं हे एकच गाव
याला “ आयुष्य ” हे एकचं नाव



लखनऊ के जाड़े

पुणे में पड़ते नहीं जाड़े
सखियां मेरी ऐसा ना माने,
कहती तू आई है लखनऊ से
तेरी ठंडी हम ना जानें।

मेरी सर्दियों के दिनों में
तो कोहरे हैं घने वाले,
दिसंबर से जो आए जाड़े
तो रजाई के इंतजाम भी हो जाते।

मां के आदेश से जाते जो नहाने
तो एक बूंद छूने में लग जाते थे ज़माने,
कांपते शूरीवीर जब बाहर निकलकर आते
तो मां की कड़क चाय से सारे दुख मिट जाते।

छीनकर अखबार पापा से
सिर्फ स्कूल समाचार ढूंढे जाते,
15 जनवरी तक बंद कर दिए डीएम ने
पढ़कर ये खुशी से झूम जाते।

बिस्तर से किचन तक नंगे पैर जब जाते
निकले हों मानो हिमालय चोटी पर विजय पाने,
रसोई से गाजर और मूंग का हलवा जो चुराते
तो छोटे को भी मिलती रिशवत जो निकला था हमें डांट पड़वाने।

रंगीले स्वेटर, दस्ताने और टोपी बंदर वाले
इन्हीं में बसते थे जगत के सुख सारे,
दराजों में सिमट कर कहीं पड़े हैं ये बेचारे
जब से ये पांव पुणे हैं पधारे।

खुले जब आज यादों के पिटारे
तो बर्फीली हवाओं ने खोल दिए दरवाज़े,
ना जाने कैसे याद आ गए वो दिन सर्दी वाले
लगता है लखनऊ में फिर से पड़ने लगे हैं जाड़े।

-अंजलि
नागवानी
Anjali Nagwani
Year: S.Y
Branch: Computer
Division: A
Roll No: 2306

जहां शायद नया सवेरा है...

जो काल ने शहर ये घेरा है,
पग-पग पर पसरा यहां अंधेरा है

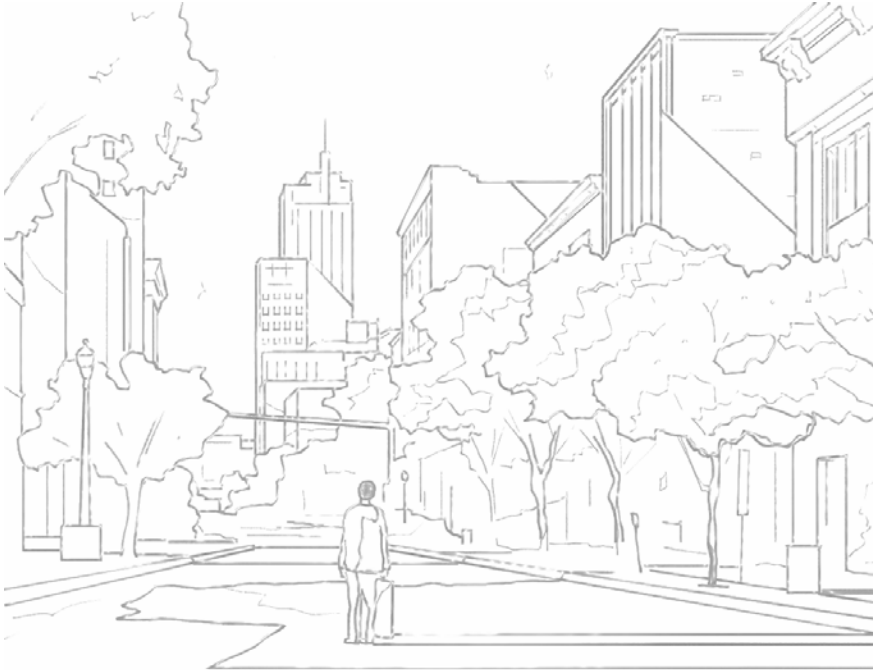
समय के चक्र में जीवन जो ठहरा है,
काले मेघों की आंधी में आंसुओं का बसेरा है

जीवन मरण का जो विशाल अग्नि फेरा है,
मणिकर्णिका¹ हुआ संसार मानो जैसे कोई मेला है

कोई शरीर से तो कोई मन से बिखरा है,
कौन समझे पीड़ा जो खुद अकेलेपन में सिमटा है

अनदेखा वो शत्रु हर धरा पर उसका डेरा है,
पार कौन हो उस किनारे जहां शायद नया सवेरा है
.....जहां शायद नया सवेरा है।

मणिकर्णिका – काशी में गंगा के किनारे एक घाट जहां हर समय अंतिम संस्कार होते हैं।



-अंजलि
नागवानी
Anjali Nagwani
Year: S.Y
Branch: Computer
Division: A
Roll No: 2306

स्त्री

ना हूं मैं जननी, ना हूं मैं भार्या
 ना हूं मैं कोई पुत्री, न कोहे की बहना
 ना चाहूं देवी का हार, ना ठहरूं मंदिर के द्वार
 ना सोहे मोहे ये संसार, जहां पग पग हो स्त्री से दुराचार
 ना चाहूं मैं तो कोई रिश्ता, चाहूं केवल कुछ सम्मान
 न पहनाओं मोहे कोई ताज, बस बनने दो एक स्त्री की मिसाल...
 बस बनने दो... एक स्त्री की मिसाल...।

अनुभव

बचपन में नानी हमेशा केहती थी लाख पते की बात ये,
 इस पृथ्वी पर अनुभवों से बढ़कर ना हैं कोई गुरु श्रेष्ठ ।

जीवन के इस परीक्षा में उतार चढ़ाव आतें हैं अनेक,
 और उस हालत में अनुभव कि ये किताब ही बच जाती हैं सहारा एक ।

वो अनुभव ही होता हैं जो हर्ष को नियंत्रित करने में मदद करता हैं,
 वो अनुभव ही होता हैं जो अंधेरो में हौसला बनकर हाथ थामता है ।

पर कभी किसी परिस्थिति का समाधान ना मिले इस किताब से
 तो मेरे दोस्त भयभीत ना होना,

ये ना अंत हैं उस किताब का,
 ना अंत हैं इस जीवन का,
 ये शुरुवात हैं नये पाठ के रचना कि,
 ये शुरुवात हैं जीवन के एक नये सफ़र कि।

- स्वाती बोरसे

SY COMP

सवाल

सवाल अनगिनत हैं...
 और कई सारे हैं
 सवालों से जुड़े सवाल भी...
 इस सवाल का, उसका और उसका भी
 जवाब चाहिए सब सवालों के...
 मेरे सारे सवालों के जवाब हैं क्या?
 एक सवाल ये भी हैं मेरा...
 सवालों के जवाब कहां मिलेंगे?
 पहले कौनसा पुंछू और किससे?
 मेरी गलतियों का नतीजा था?
 या उनकी नीयत का था अंजाम?
 उनकी फितरत ने लाया इस जगह?
 या मेरी खामोशियां थी वजह?
 उन्होंने क्या पाया? मुझे पता नहीं...
 मैंने क्या खोया? उन्हें अंदाजा नहीं...
 पता नहीं, किस भूल की सजा थी?
 मेरे अनूठेपन की या उनकी कमजोरी की?
 किसी दिन अगर मिला मुझे मौका,
 पुंछूंगी उन्हीं से जिन्होंने दिया धोखा...

Suprada Bhimrao Mahadik

FY BTech

Mechanical Engineering

सलाह

कल का तनाव सर में रख के खुल के जी नहीं पाओगे,
आज में जीके देखो साहब, जिंदगी का हर लम्हा खूबसूरत बाना दोगे!!!!

खेल खेलना तो जींदगी का काम है।
साथ सह हो तो चारों और बस अपना ही नाम है।

Mugdha Daware
SY ENTC



MATHS CLUB REPORT

Math Club CCOEW was started in April 2021 with an aim to provide students with a platform to showcase, share and improve their mathematical skills and to encourage them to explore the wonders of mathematics. The Math Club held its first event- an Aptitude Test Series for the students to prepare for their aptitude during the placement and internship season.

For 5 consecutive Sundays, starting 25th July, a test was taken on different topics every week, to help students obtain some much-needed aptitude practice. The Test Series received a very enthusiastic response for all the tests and got positive feedback from everyone.

The top-scorers of each test are:

AptiTest #1: Prachi Narlawar

AptiTest #2: Samiksha Kondawar

Isha Shetye

AptiTest #3: Mahima Sawant

AptiTest #4: Sejal Pagare

Vedika Potey

AptiTest #5: Sharvari Sonkusare

The Math Club plans to conduct more such math-related exciting events and sessions in the near future.

TEAM BHARADWAJ (AERO DESIGNING TEAM) CLUB REPORT

Team Bharadwaj is the official aeromodelling club at Cummins. We're a group of dedicated aerospace enthusiasts who design/model, fabricate and fly RC aeroplanes in competitions such as the SAE Aero Design Challenge. Our team has been breaking records since year 1. This year 2021 we bagged AIR 1 in Technical Presentation in SAE ADC 2021 competition for Regular class.

We see this win as one of the milestones in what we hope is a long journey filled with further insight, hard work and brilliance.



Aero Design Challenge 2021

Regular Class

Technical Presentation

Place	Team ID	Team Name	College
I	ADC20210130	Bharadwaj	Cummins College of Engineering for Women
II	ADC20210132	Team Garudashwa	AISSMS College of Engineering
III	ADC20210169	MIT VOYAGERS	MIT ADT UNIVERSITY



TEDxCCOEW CLUB REPORT

On 18th March 2021, TEDxCCOEW—the official TED club of Cummins College of Engineering for Women, brought to you—Strings. The theme of the event revolved around **Strings**—the threads that interconnect various facets of human life together and bind the ideas and emotions of people from different walks of life.

Strings provided a platform where ideas could manifest themselves into reality, where passion and inspiration were strung together to enrich the minds of our attendees and organizers alike.

Keeping in mind the pandemic guidelines, the event was successfully conducted virtually.

Brilliant minds gathered together to guide the next generation, on a path to innovation, technology and empathy:

1) Professor Vikram Athalye

Faculty of physics at Cummins College of Engineering, and a renowned theoretical physicist gave a talk on the dual nature of the human consciousness and our role as a participating observer.

2) Renelle Snelleskz

A dance movement therapist working with sex trafficking survivors introduced us to the therapeutic use of dance to connect and heal the emotional wounds, stress and trauma of the human mind.

3) Yajurvendra Mahajan

A highly qualified influential speaker talked about empathy, kindness and our role as humans in society and the environment, and how we can give back what we so kindly receive from them.

4) Sameer Belvalkar

A highly renowned photographer with a keen eye to find beauty in the ordinary, introduced us to the miraculous skill of freezing a moment in time through a single click and talked about the connection between the camera and the human psyche.

5) Pooja Pradeep

Founder and Executive director of Letters of Love, gave a highly empathetic and moving talk about the use of art to inspire, nurture and transform social problems and its role as an instigator.

6) Rajib Gangopadhyay

Founder of EMotorad, talked about the powerful use of technology in the clean mobility revolution and how this technology can help make the world a healthier place to live in.

Strings was a grand success due to its stellar speaker lineup, passionate and hard-working organizers and the appreciative audience.

The event might be over, but this is just a new beginning for us at TEDxCCOEW. We are working towards making the next event even more of a success. Apart from the next big event scheduled next year, we are working on our social media to create an online platform for a fruitful exchange of ideas. Our interview series on Instagram brings to you the inner thoughts and views of those who have been working so hard for us, those without whom, we would quite simply be lost.

We have planned more activities on our page to build a community of people who nurture, inspire and most importantly are able to empathize with others.

We hope to contribute and leave a mark on the minds of people, their thoughts and their actions.



TEDxKOTHRUD REPORT (collab between cummins and pvg)

TEDxKOTHRUD organised a virtual COUNTDOWN event last year. It was a result of collaboration between TEDxCCOEW and TEDxPVGCOET. This helped our club broaden our horizon and gave us a new collaborative experience. Countdown is a global movement to find solutions to shift to a world having net zero greenhouse emissions and handle the climate crisis. TEDxKOTHRUD being a virtual event, enabled us to reach out to international speakers too! We had curated a panel of distinguished speakers from a wide spectrum of domains, ranging from meteorology to the arts. Dr Janak Palta McGilligan, Mr. Greg Ellis, Ar. Sayali Andhare, Mr Sid Tatham, and Mr. Vivek Gurav were the speakers selected for the event. With around 300 attendees from all around the globe, TEDxKOTHRUD was a huge success. This year too, the members from TEDxCCOEW will be collaborating with other colleges and organising the TEDxKOTHRUD online event. This is a small contribution on behalf of TEDxCCOEW for saving the environment!

TECHBUZZ CLUB REPORT

Club Description:

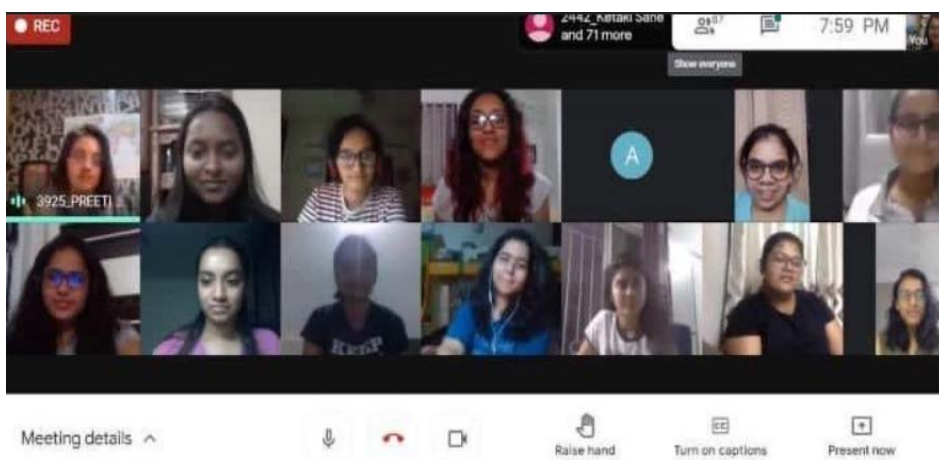
The TechBuzz Club conducts Technology and Business related guest sessions, debates, and discussions in order to create

a technological community of like-minded individuals interested in recent updates and innovation in the Business and Tech world.

Information about the TechBuzz Club for the year 2020-21:

Events:

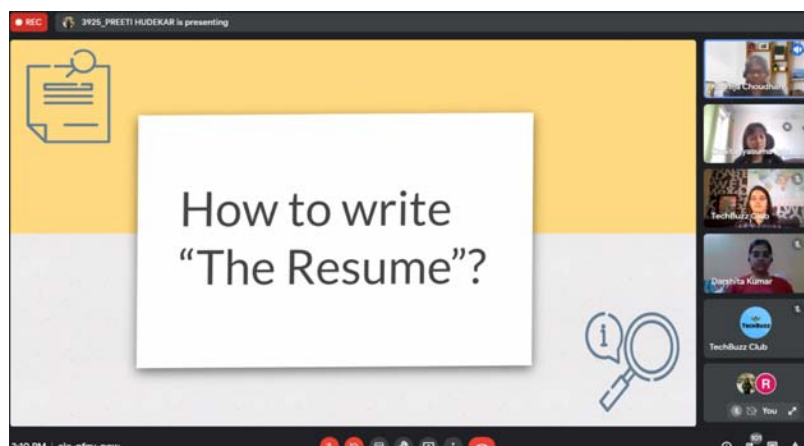
- 1) Guest Session: Investigating Cyber Attacks and the Scope of Cyber Forensics using Case Studies by Mr. Yogesh Thanage (29th Feb 2020)
- 2) Publishing Research Papers by Dr. Sunita Jahirabadkar (8th Dec 2020)



- 2) Recruitment of new Members (17th March 2021)

- 3) Orientation Session (16th April 2021)

- 4) Buzzing into the Corporate World! Session on Resume and LinkedIn Profile building (31st July, 2021)



AICVS CLUB REPORT

Artificial Intelligence and Computer Vision Society

Intelligence is taking the technology world by storm right now. It is one of the most marketable skills an engineer/scientist can have and has a wide inter-disciplinary appeal. What are the prerequisites? Nothing. We don't expect anything from our members but an enthusiasm to learn and dedication to put in effort, as we start from the very basics, and develop our skills as we move forward. We conduct various practical workshops, guest lectures, seminars and hackathons that all the members can be a part of.



What We Wish To Achieve

We, the AICVS Club of Cummins College of Engineering for Women, Pune, as a club aim to introduce the students to techniques of AI and Computer Vision. We aim to equip them with a primary skill set in Deep Learning and the knowledge to implement various algorithms and gain a good understanding of what happens behind the scenes.

TIMELINE OF OUR YEAR



AICVS 1.0

Date of Conduction: 6/7/2020 to 14/7/2020

No. of Registrations: 496

Event Type: Webinar Series

Platform conducted: Youtube live

No. of Speakers: 6

List of Speakers:

1. Michelle Thalakkottur - Pursuing Research as an Undergraduate. I'd talk

about my experience with research in Machine Learning and Programming Languages and talk about how students can pursue it themselves, etc.

2. Meghana Bhangale - Text Cleaning, Text Augmentation, Transfer Learning in NLProc
3. Shristi Jalan - General Interview / Internship approach and scholarships
4. Esha Chiplunkar - Regarding Eaton Pratibha award. How I participated and won it. I would like to talk about what exactly is the award about and how can students apply.
5. Chaitanyasuma Jain - Opportunities for undergrad students

- **Search and Personalization at ZOMATO - Date:** 27th September 2020
Speaker: Mayur Bhangale
Speaker Contact: mayur.bhangale@zomato.com
Registrations: 140
- **KAGGLE COMPETITIONS' WINNERS:**
 - 1) **House Price Prediction Competition**
1st: Vaishnavi Khilari , Score : 3.69578
2nd: Sejal Kshirsagar , Score : 3.89530
3rd: Nupur Shah , Score : 3.94156
 - 2) **Breast Cancer Prediction Competition**
Akanksha Hatle , Score : 0.98076
Radhika Wadekar , Score : 0.98076
 - 3) **Competition on credit card fraud detection**
Sakshi Ingale | Score : 0.99961
Nidhi Suryavanshi | Score : 0.99961
- **GUIDANCESCAPE (Mentorship Program for students of FY and SY): Date:** 8/03/21
Total Registrations: 313 **Mentee Registrations:** 255
Mentor Registrations: 58 **Successful Project Submissions:** 18

AICVS 2.0

Date of Conduction: 13/03/2021 to 8/04/2021

No. of Registrations: 361

Event Type: Webinar Series

Platform conducted: Youtube live

No. of Speakers: 4

1	Ashish Salunkhe	AI for Everyone
2	Manpreet Budhreja	Learning NLP - Fun Way
3	AFFAN SHAIKH	off -Campus Placements
4	Rutuja Kolhe	Spark AR

E-CELL YUKTA REPORT

Ecell Yukta appreciates this opportunity given to be published in our college's official magazine, Kshitij.

We are writing to you in order to highlight Ecell Yukta's achievements along with brief descriptions of the events we held throughout the year.

This academic year 2020-21 Ecell Yukta held a couple of activities ranging in huge spectrum right from machine learning to image uplifting and makeup workshops.

Here are a series of our activities:-

Technical event:

D.S.I Session: Chapter 2, Engineers Turned Entrepreneurs held in the month of September. Delivered by Priyanka Kasture-Founder of 'Machine Learning India', the largest machine learning community on Instagram. Priyanka being a great speaker, walked us through her journey from an engineer to entrepreneur shading light on machine learning.

Personal branding events:

1. Light it up, a Diwali makeup workshop held by a talented, our very own team member Jasmine Joshi who is also a MyGlammXO beauty creator. It was a free, hour-long 'from scratch' workshop that encouraged the participants to indulge in knowing how to effectively use beauty products.
2. Image Uplifting and Personal Branding webinar held by the amazing Karuna Bajaj, the founder of Karuna Bajaj Image consulting. Karuna Bajaj being the MRS INDIA finalist 2021 talked about grooming, clothing, body language. She even gave the participants few pointers on what changes you need to make in your personality to create personal branding.

Podcasts:

'I Have a Dream', a podcast series for every Entrepreneurship Mind by Ecell, available on Spotify. The main focus of the podcast being the budding entrepreneurs, we featured these truly inspiring entrepreneurs;

1. Amol Habib, co-founder of shubharambh,
2. Hardik Patni co-founder of Mushak,
3. Dhruvam Thaker founder of The Smart Taxi.

Empulse: A Virtual Entrepreneurship Fiesta ✨

IT was a 2-day event jam-packed with workshops, webinars and competitions. We had an array of speakers ranging from different areas.

Day 1:

1. It started with the Inauguration Ceremony with our principal Madhuri Khambete ma'am, faculty advisor Makarand Velankar sir, & CEO Ms Priyal Ekande 's wise words about Entrepreneurship & the E-cell YUKTA.
2. It was then taken forward by a very well known social start-up youtube live interview session of Ms Rucha Lokhande & Ms Sayali Deolassi from Aakriti - a startup redefining scrap

3. The day continued with Prof. Makarand Velankar, addressing the registered students for an " Idea to Venture " workshop, wherein he fine-tuned all the ideas of the students present. His valuable critics & comments on individual ideas taught us some amazing insights into our ideas.

4. The energy was again induced by the next speaker, Akshay Sonandkar Sir who was the Mechanical Team head at a quantum sensing & navigation based company, called Atomionics.

Day 2:

1. The day kicked off with an amazing Session by Ms *Paula McGlynn (CEO BhaDiPa)*, who spoke about her struggles as an actor and how the idea of BhaDiPa was conceived.

2. In the afternoon, we had a thrilling competition called E-Shark Tank, cell Yukta's version of the famous show.

3. and Last, but not least, we had Mr Mayur Damani - Director of Sales at Whitehat Jr, talk about trendy marketing insights and a little about WhiteHatJr too.



LIVE 17:12

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IDEATED AND CURATED BY : SAYALI DEOLASEE | RUCHI N.D. LOKHANDE
8983345671 7387550360

EMPULSE'21

MOZILLA CLUB REPORT

Mozilla Campus Club CCEW is a student committee working to spread awareness on Open Source software. We organize webinars and workshops on different technical topics and making Open Source contributions.

Information about various activities held by team Mozilla throughout the year.

1. Hands-on workshop on the track of Machine Learning and AI in Open Source and Mozilla Deep Speech.
2. Session on 'How to get started with Open Source Contributions'
3. Webinar on 'Understanding Git & Github' with hands-on
4. Club introductory Session
5. Getting started with Web Development
6. Webinar on Getting Started with Open Source (for AY 2021-22)



SPORTS REPORT (2020-2021)

1. **Sports Scholarship** - Our students Ms Vaishnavi Khare - Btech Computer, Ms Riya Jail – Btech IT, Miss Sharvari Kandarkar – TY IT and Miss Ruchita Herlekar – FYBtech were part of the SPPU All India Nationals team and represented our college. These students have won the Sports Prize Award Scheme 2019-20 from SPPU and won the scholarship amount of Rs 7000/- each.
2. **International Day of Yoga 2020-21** - Cummins College of Engineering for Women (CCOEW), Pune celebrated 6th IDY on 21st June 2020 from morning 8.00am to 9.00am. Due to COVID -19 pandemic the session was conducted through virtual mode (Google meet). The session was conducted by Mrs Anjushree Augustine (Director of Physical Education and sports), Ms Vaishnavi Khare (Btech Computer Department student and Yogasanna / Rope Mallakhamb National Player) and Ms Radhika Khandave (Guest speaker and Yoga expert from Yogvidyadham Nashik). Around 107 students and staff participated in the event.
3. **Activities conducted under Fit India Movement 2020-2021**
 - . **Fit India Freedom Run** - Conducted 7Km Virtual Fit India Freedom Run on 1st and 2nd October 2020 under the initiative taken by Department of Youth Affairs (AICTE) – Fit India Movement. The participants in the event were college students, staff, family, friends in which around 270 participants had participated in the event.
 - Fit India Movement Campaign December month- Fit India Thematic Campaign** "फिटनेस का डोस - आधा घंटा रोज" - Our college students took initiative to show us all a demonstration of our college students with the help of three different videos about full body workout at home without any equipment and outdoor activities by maintaining social distance. These videos were mailed to all staff and students, posted on college facebook page and college YouTube channel from 30th November 2020 to 5th December 2020 as a part of publicity of thematic campaign.
 - Fit India Cyclothon**-College had organized Fit India Cyclothon 2020 from 23rd December to 27th December 2020. College students and staff had participated and submitted the digital app screenshot of the activity performed in the google form circulated. College had registered the cyclothon event on FIT INDIA portal as an organizer where college received e-certificate as an organizer and the participants received e-certificate as performer from Ministry of youth Affairs and Sports, Department of Sports.
4. **Kreeda Bharti Pune Mahanagar (Suryanamaskar competition)** - Our two students participated in the online Suryanamaskar competition organized by Kreeda Bharti Pune Mahanagar from 1st February 2021 to 7th February 2021 in which Ms Ruchita Herlekar won 1st Position in under 21 girl's category.
5. **Guest Lecture (Topic - Gut Health And Probiotics)** - A Guest lecture was organized on the occasion of International Women's Day on 8th March 2021 from 3pm – 4pm through virtual mode under Fit India Movement for FYBtech students. The Guest speaker of the session was Ms Pratiksha Athwale (Jr Executive) from science department of Yakult Danone India Pvt. Ltd.



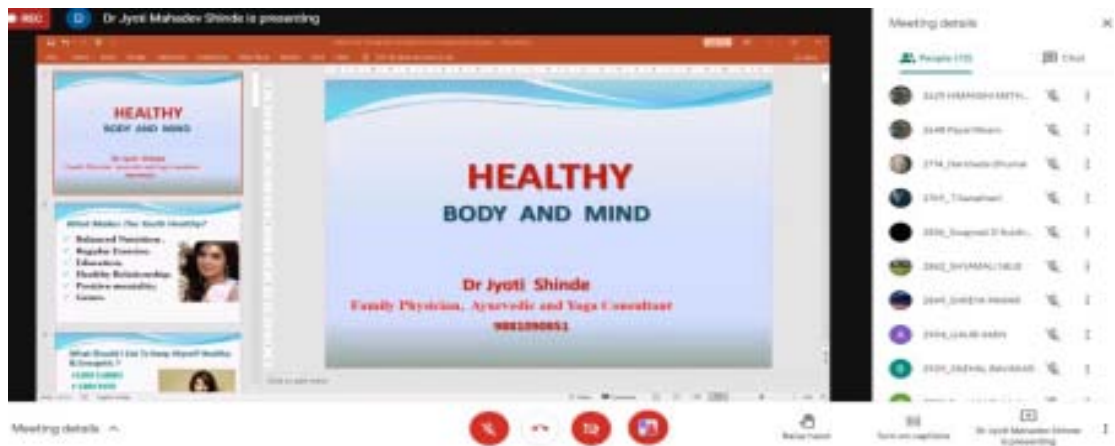
Mrs Anjushree Augustine
Director of Physical Education
CCOEW, PUNE.

NSS CLUB REPORT AY 2020-21

NSS ACTIVITIES 2020-21

Sr.No.	Name of Activity	Activity conduction date
1.	International Day of Yoga	21 st June 2020
2.	NSS ORIENTATION	6 th September 2020 – 7 th September 2020
3.	FIT INDIA	12 th September 2020 – 14 th September 2020.
4.	NSS DAY	21 st September 2020
5.	FIT INDIA FREEDOM RUN 2020	2 nd October 2020
6.	MAJHAYE KUTUMBE MAJHE JAVABDARI CAMPAIGN	8 th November 2020
7.	FIT INDIA CAMPAIGN	30th November 2020 to 5th December 2020.
8.	NOT ZERO NET ZERO	12 th December 2020
9.	HARIT SHAPPAT	1 st January 2021 - 15 th January 2021
10.	VOTERS DAY	25 th January 2021
11.	POSHAN PAKHWADA	30 th March 2021

NSS CLUB ACTIVITIES





MKSSS's
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