



SOMAIYA
VIDYAVIHAR

K J Somaiya College of Science & Commerce
Autonomous (Affiliated to University of Mumbai)

Somaiya
TRUST



संस्कृती
२०१९ - २०२०



The Magazine of
K. J. Somaiya College of Science & Commerce

Re-accredited by NAAC with 'A' Grade with CGPA 3.24
Autonomous - Affiliated to University of Mumbai

COLLEGE PRAYER

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ॐ पूर्णमदः पूर्णमिदं पूर्णात् पूर्णमुदच्यते ।
पूर्णस्य पूर्णमादाय पूर्णमेवावशिष्यते ॥१॥

1. OM. Whole is that (Brahman), Whole also is this (world). From Whole comes the Whole; take Whole from Whole; (yet) Whole remains.

ॐ ईशावास्यमिदं सर्वं यत् किं च जगत्यां जगत् ।
तेन त्यक्तेन भुञ्जीथा मा गृधःकस्यस्विद्धनम् ॥२॥

2. OM. Whatever exists in this world is enveloped by God (the Ruler). By renouncing it (the world), thou mayst enjoy. Do not covet the riches of any one.

मूकं करोति वाचालं पङ्गुं लङ्घयते गिरीम् ।
यत्कृपा त्वमहं वन्दे परमानन्दमाधवम् ॥३॥

3. I bow down to Madhava, the Bliss Eternal; to Him whose grace enables the dumb to speak (and) the lame to go across a mountain.

ॐ प्रणो देवी सरस्वती वाजेभिर्वाजिनीवती धीनामवित्र्यवतु ।
ॐ चोदयित्री सूनूतानां चेतन्ती सुमतीनाम् । यज्ञं दधे सरस्वती ॥४॥

4. OM. May Sarasvati, the Divine, protect us by her strength-giving favours, she who is rich in strength-giving favours, the protector of our thoughts. Saraswati, who inspires hymns and promotes pious thoughts, brings about our sacrifice.

ॐ असतो मा सद्गमय । तमसो मा ज्योतिर्गमय ।
मृत्योर्माऽमृतं गमय ॥५॥

5. OM. From the unreal lead me to the real. From darkness lead me to light. From death lead me to immortality.

ॐ सहनाववतु । सहनौ भुनक्तु । सहवीर्यं करवावहै ।
तेजस्विनावधीतमस्तु, मा विद्विषावहै ॥६॥

6. OM. May God protect us both at the same time; at the same time support us both; May both of us the same time apply (our) strength. May our learning be illustrious. May there be no hatred (between us).

सर्वेऽत्र सुखिनः सन्तु सर्वे सन्तु निरामयाः ।
सर्वे भद्राणि पश्यन्तु मा कश्चिद् दुःखमाप्नुयात् ॥७॥

7. May all here be happy. May all be free from disease. M May nobody experience misery.

ॐ शांतिः । शांतिः । शांतिः ।
OM. Peace, Peace, Peace.

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Sanskriti

2019-20

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Our Founder



Padmabhusan

(Late) Pujya Shree Karamshibhai Jethabhai Somaiya

(May 16, 1902 - May 9, 1999)

A Message From The Founder

My Dear Young Students,

Welcome to you to the Institutions of Vidyavihar!

Your finest hour is here. The future belongs to you.

Let us all zealously work together and dedicate ourselves to build India of our dreams. Remember, nothing was ever achieved without hard work.

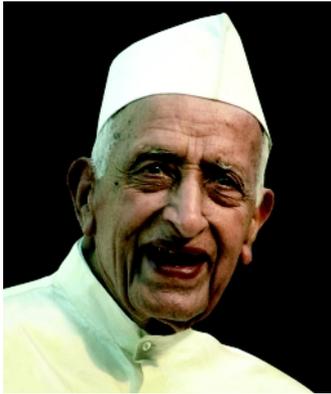
Be bold but not be bowled over. Let Truth and Duty be your watchwords.

Never despair in the face of setbacks.

Keep courage and continue to work with Fortitude.

Have faith in yourselves and in the Almighty.

Strive for your Goals and the future is yours!



Padmabhushan (Late) Pujya Shree
Karamshibhai Jethabhai Somaiya



Shrimati Sakarbai Somaiya

Mission Statement

Equip the student with knowledge and skills of their chosen vocation, inculcate values, provide them opportunities for all-round growth and prepare them for life.

Vision of the founder

Service to mankind

Understand and respond to the needs of modern Science and Technology

Provide a sound spiritual foundation to march into the future

Provide opportunities for all-round development of individuals

Vision Statement

- 1) To equip the students with advanced knowledge and skills in their chosen vocation
- 2) To provide value-based education and opportunities to students to help them to face challenges in life
- 3) To nurture a scientific attitude, temperament and culture among the students
- 4) To continually review, develop and renew the approach to build India of the Founder's dream

Goals And Objectives

- 1) To build a strong Academia-Industry bridge
- 2) To provide flexibility in the courses offered and proactively adapt to the changing needs of students and the society
- 3) To establish a center for multidisciplinary activities
- 4) To mould individuals who would nurture the cultural heritage of our country and contribute to the betterment of the society

Our Inspiration



The Great Visionary and Transformational leader

(Late) Dr. Shantilal K. Somaiya

29 - 12 - 1927 to 01 - 01 - 2010



President

Shri Samirbhai Somaiya



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Secretary, Somaiya Vidyavihar
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Provost, Somaiya Vidyavihar
Prof. V. N. Rajasekharan Pillai

15 Reasons to join K. J. Somaiya College of Science and Commerce

1. **Brand Name:**
Somaiya is a brand name in the higher education.
2. **Autonomous Status:**
The College was conferred Autonomous Status by UGC and University of Mumbai. College is known for its academic flexibilities. There are innumerable combinations which you can choose from. More than 10 elective courses on foreign languages, immersion experience, dual degree, Honours programmes, sports as a credit course.
3. **Accreditation:**
K.J. Somaiya College of Science and Commerce has got accredited by National Assessment & Accreditation Council (NAAC) with "A" Grade in 2004 and re-accredited with "A" Grade (CGPA 3.21) in 2010.
4. **Awards and Grants:**
The College has been adjudged as the Best College of University of Mumbai in the Urban Category.
Recipient of FIST grant from DST, STAR college Status from DBT this year.
5. **Transparent Admission process:**
Admissions only on merit. We do not take any donation or capitation fee.
6. **Most sought after college:**
25 students compete for each seat at K.J. Somaiya College of Science and Commerce.
7. **Strong Alumni:**
Over last 50 years Somaiya Vidyavihar produced thousands of successful graduates contributing to various development taking place all over the world.
8. **Scholarships:**
Merit-cum-need-based scholarship the students
9. **Staff:**
Students friendly, experienced, dedicated staff.
10. **Synergy:**
Synergy of 35 institutions from various discipline.
11. **Innovation incubator:**
End to end guidance to foster innovative ideas in to company.
12. **Vibrant campus life:**
Many festivals, workshops like Kabir Festival, Dance Festival, Vigyan Yagna, Asmita, Vibes, Tarang etc.
13. **Conducive Environment:**
Conducive environment for teaching and learning.
14. **Dual Assessment:**
Dual blind assessment for Accurate Results.
15. **Secure Campus:**
Round the clock security and guarded environment.

From the Principal's Desk

Learning gives creativity
Creativity leads to thinking
Thinking provides knowledge
Knowledge makes you great



APJ Abdul Kalam

These lines clearly echo the dreams of our founder. Over the years we have gone an extra mile to win many laurels. We opted for autonomy and endeavoured to impart creative learning leading to innovative thinking thereby endowing our students with knowledge. It's a great achievement to have been accredited A grade, thrice by NAAC. We are the recipient of the Best College Award and have been adjudged as the Centre for Potential of Excellence. Since then, there has been no looking back. The journey of our institution is marked with moments of success and glory.

Our objective has always been to enhance the quality of education and to that effect we organized various workshops related to teaching learning methods. A two day RBPT workshop was organized by the IQAC wherein the teachers were motivated to improvise on their teaching methods for the benefit of the students. Various stalwarts from the field of education enlightened the faculty.

Our environment has become a cause for concern in recent times. The exponentially increasing population, pollution and the technological advancements are causing environment degradation. It's a need of the hour to protect our environment and maintain the beauty and harmony of nature. Educational institutes play a vital role in spreading this awareness among the youth. We conduct various programmes for the same.

We have left no stone unturned to highlight all the events held in our college and also the achievements of our staff and students in our magazine, Sanskriti. Our magazine tries to articulate the ideas and views of students and staff on various issues, in poetry or prose form. The various activities of all committees and departments are also detailed out in the magazine.

Last but not the least, the hard work and patience put in by the members of the magazine committee to bring out this issue, deserve my heartfelt appreciation.

Dr. Pradnya Prabhu
Principal



Pandemic, Pandemonium and Persistence

Greetings! As the Convenor of “Sanskriti”, I would like to proudly welcome you to the “Sanskriti”, magazine’s most unique edition so far. When the year 2020 began, we were all clueless about what it was going to entail.

As the world stood still, so did all our lives. The covid-19 pandemic truly demanded, that we introspect our institutions, systems and lives. Moving forward, continuing life, seemed incomprehensible. As teachers and parents, we are expected to have solutions to everything, but this was one of my career’s most quizzical moments. I am not a techno-savvy person, and at the 25th year of my teaching career I didn’t imagine the academic world would have to change and adapt so drastically. Teachers and students, both had to learn to reconstruct the four walls of classroom and make it digital. I want to congratulate everyone for achieving this successfully, especially the ones who are just as techno-impaired as me. Once again, we have proved that with persistence and patience nothing is impossible.

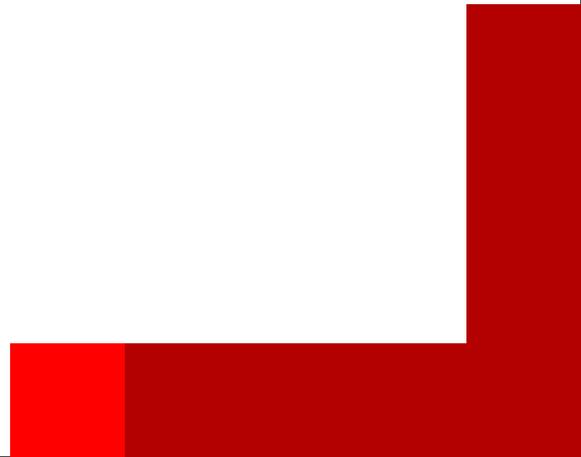
I want to specially thank everyone from the magazine committee for accomplishing the feat of completing this edition of the magazine without having a physical space to collaborate and work. At the same time, I want to apologize for the delay.

On behalf of Magazine Committee, I would like to express our deep sense of appreciation to the staff, the students and patrons, for their invaluable cooperation and patience.

My Best Wishes

Dr. Smita Paranjape

English Section



Reflection of Social Media on Youths...

Karan P. Patel
T.Y.B.Com

Social Media has been ingrained into our society today to such extent that it is virtually impossible for people to take you seriously, if you are not on any social media platform. Everyone is on social media - young, old rich, poor etc. Everyone is always in a frenzy when it comes to socializing online. Even the corporate world has tuned into the bandwagon and companies are very active online posting updates and answering queries.

There are many social networks to choose from : saree of the popular ones include facebook, twitter, snapchat and also Instagram. As the popularity of social media keeps an spreading all over the world there have been mixed feelings about these networks and how they impact the youth. Going with the formally first, social media has reduced the world to a global village. Youth can interact with people from other parts of the lanth by just a click of the button.

Through these interaction, Young People can share idea, acquire information and also be exposed to many opportunities out there. Secondly social media give them the avenue and opportunity to make new friends and also allows them to maintain their old friends. With social media they can trace their formally friends by simply typing their names or just indicating the school they attended. Then, the network will do all dirty work and link them to all people they went to school with.

Apart from just socializing the social networks have become frontiers of the corporate world to advertise their goods and services. They may either do it directly or pay celebrities to advertise their products for them. Therefore social media offers an many of opportunities for youth. Popular young people can be hired by corporations to be their brand ambassadors online.

These social platforms are also risky and dangerous and may be frontiers of crime. The first crime that comes to mind when we talk about social media is Cyber Bullying. Most people is social media take both their personas and personal information. Then there are those who are actually themselves in social media. Most times than not the take ones bully and humiliate the real ones. While many people may argue that it is not that serious & young people are just having fun. The truth of the matter is that same people get affected especially when the insults rejoice around their insecurities such as looks, religion or social status. Furthermore it is quite easy to trace anyone using their social media information, such as location, school attended and place of work. So if a criminal wanted to target at someone the first place he will look for information is social media.

Lastly social media takes away empathy from its users. We see people getting into trouble but instead of getting help from the people present their misfortune is recorded and the footages posted on social media. The poster expects likes and comments while the others have a fild day judging mocking and making funs of the person recorded.

As Albert Einstein once said, "I from the day that technology will surpass our human interaction. The world will have a generation of idiots." Social media is a great way to pass time and see whatever is happening around the world. It is very interesting and also very addictive. However social media is eclipsed by so many challenges, because it is unregulated.

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Reflection of Social Media on Youth

Sakina Saify
F.Y.B.Com

Everything comes with its own pros and cons like wise social media could be a blessing or a curse. Social media plays a very important role in youths life. It gives ample of opportunities, a platform to showcase ones talent. At the sometime it mutes the voice of many. A lot of people don't raise their voice because they are afraid of bullying, trolls etc. It results in depression, stress etc. Social media could be leave for one at the sometime held for another.

Social media plays a very important role in young generations life. It shapes one's personality, brings out best in them as social media is the best platform to showcase your talent whether it be a dance, songs, stand-up, blogs anything could be Roosted and can reach out to thousands. It could be admired or critize. It helps in greening one's content, it also boosts or build self confidence in youth.

Social media also helps in developing social awareness. It raises awareness in the youth regarding sensitive issues that are not discussed in many societies. It raises the consciousness of the hardships that people in different society face. Social media also serves as a gateway of exchanging information. It has become a platform for different sources for youth to improve their education. It enables us to communicate in an effective manner. Teenagers improve their networks all by being actual on the social forms.

While having Resisting things social media does not exclude itself from being the modern thing that badly influence the youth. Anxiety, depression, cyber bullying, thwarts of independents thinking, reduction in productivity and it does not stop here it even invades in personal life of a person.

Social media use has often resulted in high level of anxiety and stress. The teenagers mostly compare themselves with their friends on social medial and perceive inadequacies if others are better at something which affects their life. Cyber bullying is one of the main ills of the social media because of the anonymity it offers.

The young generation is generally found loafing around on the internet instead of spending their time in a productive task. They waste their time on these platforms. The risk of networking on social media among youth is the loss of privacy. This can have some serious repercussion in further at both personal and professional level.

Social media is basic need for the individuals. It is essential that me educate the youth on the usage of social media. They should use it in such a way that it bring out best and enhances there skills. Youngsters should not waste their time on social media.

Digital Marketing Need Today Introduction

Tanzila A. Chunawal
F.Y.B.Com

What is digital marketing?

Digital marketing can be called as the process of promoting brands or products using the electronic media. It mainly takes place on the Internet. Other Platforms

include mobile phones, digital displays and any other digital medium as the name suggests, it make use of digital technologies.

The primitive way of marketing

included business owners to publican their services or products on prints media like radio and TV ads, boarding's, business cards and in numerous other comparable ways where internet or online networking sites were not utilized for propositional activities. Traditional marketing strategies had constrained customer reach ability and extent of driving customers purchasing pattern. Using social networks, one cannot only share a private picture of one's birthday but also earn customers for one's business and reach them conveniently. The speed and ease with which the digital media Hermits information and help boost a business information and help boost a business in imaging. Communication is bidirectional. The customer also can ask queries or make suggestions about the business products and services. Medium of communication is mostly through social media websites, chat and email. There is always a fast way to develop an online campaign and carry out changes along its development. With digital tools, campaigning easier. The content is available for general public. It is then made to reach the specific audience by employing search engine techniques. It is best for reaching global audience. It is easier to measure the effectiveness of a campaign through analytics. All social networking websites support sharing of content, but all are not necessarily employed for digital marketing. While facebook emphasizes on personal sharing, Twitter emphasizes on tweeting short messages about one's opinions or reactions and LinkedIn goes for professional networking, Pinterest motivates to market one's ideas and online businesses.

Interact with your Shoppers Online

In this digital world interaction with your shoppers is extremity simple because of social media and your own website. Today's audience is more often exploring Google and Social Media for their queries. Therefore you should be able to interact with your clients on these channels and solve their problem just in time. This can lead you to boost the relationship with your cutomers.

Economic as campared to Traditional Marketing

Digital Marketing is a cost-efficient medium for promotion of any product services or brand because this does not need any physical setup like any Traditional Market Strategies that has several limitations on different conditions and very costly also. Apart from this, it needs a distinct kind of setup that is technology oriented and it doesn't cost too much. This also needs completely different skills and abilities to achieve the goal.

Just in Time Problem Solving

Through the internet, businesses can interact with their clients and customers to resolve their issues and queries. Thus digital marketing provides the upper hand to the businesses to boost their customer support and provide the best possible services to their clients.

No Geographical Boundaries

With digital marketing, the geographical boundary isn't any more a huge concern for businesses. With the assistance of digital marketing you'll be able to market and sell your product and services all across the world.

Be ahead of Competition

In digital marketing, there are plenty of choices through which you'll be able to go ahead of your competition. There's no issue of the budget as well if you've got a little budget then also you'll be able to run compiling and create your digital strategy to complete along with your competitors. There are always some areas where your competitors may be lagging behind thus if you'll be able to carafe that then you can go ahead of your competitions using all these thinge smartly.

Content connects Customers

Digital marketing offers you to serve content to your customers in form of text, pictures, info graphics, audio, video etc. You can serve this through blogs, social media posts, personal / business websites, discussions forums etc. This will be utilized

in regular routine for more interaction and engagement with customers.

High return on Investment (ROI)

Return on Investment (ROI) is a very important consideration of any marketing strategy. Traditional marketing strategies have a low return on investment and sometimes don't suit for small businesses. Whereas digital marketing can be applied in low cost so the small businesses can also afford it so it is the best method to expand customer base and gain high return on investment.

Measurable

Results of traditional marketing methods are rough to measure without knowing the detailed outcome, It's rough to determine the outcome of a campaign.

This is not the case with digital marketing, each single digital marketing rarities you use is measurable. You can do an in-depth analysis through analytical tools such as google analytics, google webmaster.

Expansion

Many consumers do almost all of their shopping online. Digital marketing lets you appeal to these people and thus expand the reach of your company. Between Google Shopping Ads and brand awareness campaigns, you can expand your brand recognition and boost sales.

Multimedia

Customers tend to engage more with marketing materials that combine multiple types of content, including photos, video clips and audio.

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Unsung women heroes

(Spy Princess – Noor Inayat Khan)

Pratibha Mishra

“Women is capable of every great heroism; it was women who found a means of conquering the formidable obstacles of her environment, establishing herself creator of the earth, and laying the foundations of civilization“

Noor Inayat Khan was an Indian spy and the only female radio operator to be sent to Nazi-occupied France in WWII. It is remarkable how Noor, who was raised on the principles of religious tolerance, and non-violence decided to take up the most dangerous mission that lead to her daring career. A tigress on the field, this lady remains an inspiration for generations.

“The role of women has always been undervalued in the spy world, always undermined in terms of recognition. Unfairly so. It's a world that needs women”

The war heroine was born on 2nd January 1914 in Moscow to an Indian father, Hazrat Inayat Khan and an American

mother. She is the great-great-great granddaughter of Tipu Sultan, the eighteenth-century Muslim ruler. Her father was a Sufi Muslim who founded the *Mystical Sufi Order of the West*.

Inayat's father decided to spread his peaceful and non-dogmatic faith through music. She grew up in the suburbs of Paris in a loving house called '*Fazal Manzil*'. Even today, a military band plays outside her house on Bastille Day to honour her for the French Resistance.

She studied music at the *Paris Conservatory* and Child Psychology at *Sorbonne*. At 25, she wrote the book '*Twenty Jataka Tales*' which is drawn from the famous legends of the former life of the Buddha in 1939. Most remember her as a kind, dreamy and sensitive girl.

She was the eldest of the four children. She was forced to grow up and become a leader when she suddenly lost her father

during his visit to India in 1927. As for her personal life, it is said that she was engaged to a pianist of Jewish origin and later had an engagement with a fellow British officer.

“Courage is the one choice if you want to live your best life. Rise above everything that may bring you down or make you feel inferior”

After Germany invaded France in 1940, Khan and her brother Vilayet decided to face Nazi aggression. Vilayet told Shrabani Basu (author of the biography *Spy Princess: The life of Noor Inayat Khan*) that the brother-sister duo pledged “to thwart the aggression of the tyrant”. They took a flight from Paris to Bordeaux and then undertook a seaborne journey in a boat to England.

There, Inayat joined the Women’s Auxiliary Air Force (WAAA) and was later recruited by Winston Churchill’s secret force, Special Operation Executive (SOE). She was the first female radio operator who was sent to Nazi-occupied France in World War II with the codename ‘Madeline’. Most lasted only six weeks for this job. The report accounted her as ‘unsuitable to work in her field’.

There was a mass arrest by the Gestapo (German states secret police during the Nazi regime) who completely destroyed the SOE’s spy network back in Paris. She was ordered to go back home but she decided not to leave the job. This was because she did not want to leave her fellow commanders without any communication.

“It takes a great deal of bravery to stand up to our enemies, but just as much to stand up to our friends.”

The job was described by General Sir Colin Gubbins as the principal and most dangerous post in France. She lasted for 3 and a half months for this job by changing appearances and allies. Being the only undercover agent left, she was single-handedly sending messages back to London.

“Success is not final, failure is not fatal: it is the courage to continue that counts.”

But as fate would have it, she was

betrayed by Renne Garry, the sister of one of the colleagues. It took six men to hold her down while she was being arrested. Later, she was imprisoned in Pforzheim prison in Germany. For almost ten months, she did not reveal any details despite being starved, beaten and tortured by the Nazis.

“It takes courage to grow up and become who you really are.”

Later, due to her courage and two escape attempts, she was labelled as ‘dangerous’. As a result of which, she was sent to the Dachau concentration camp. There she was shot dead on 13 September 1944, at the age of 30. The spy heroine’s last words were ‘liberte’ which she screamed at the Nazi shooting squad.

“Legacy is not leaving something for people. It’s leaving something in people.”

She was posthumously awarded the George Cross (the highest gallantry award alongside Victoria Cross). Later, she was honoured with a Croix de Guerre with a silver star in France along with two memorials and a ceremony. In 2006, Shrabani Basu wrote an autobiography called *Spy Princess: The Life of Noor Inayat Khan* and is also the founder of the Noor Inayat Khan Memorial Trust.

Noor was an incredibly brave woman who died fighting for her country. This memorial was made so that she does not fade away from our memory. Stacy Erickson wrote a poem called ‘resistance’ and dedicated it to Noor on 6th September 2010. Noor’s life was full of courage and an admirable vision – which makes it inspirational for generations.

Maurice Buckmaster, a former colonel of Noor, said that “*no one had mentioned Noor’s extraordinary beauty*”. From her fellow commanders at SOE to the governor of Pforzheim Jail she left everyone moved. She decided her own journey, without any obligation from family, friends, traditions, or country.

It was her decision to risk becoming a spy when most said she was unfit; stayed back in Paris when her fellow commanders

asked her to leave for home and fought with the Nazi's with invincible courage. This was not it. When arrested, she tried to make two escape attempts to fight even further. Noor Inayat Khan remains the epitome of

invincible courage and determination.

“I glorified you on earth, having accomplished the work that you gave me to do.”

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Diversity of fauna in the Somaiya, Vidyavihar campus

Prathamesh Amberkar
Department of Zoology,
K J Somaiya College of Science and Commerce.

I, Prathamesh Amberkar, am a student of TYBSc. Zoology. I am a passionate naturalist and conservationalist and have made an attempt to document the Faunal diversity of Somaiya Vidyavihar campus.

Since the past year I have been keeping a record of fauna within the campus which includes birds, reptiles, amphibians, butterflies, spiders and various other insects. All the birds, reptiles, amphibians, insects etc. make a very important part of the ecosystem. Even if one of them is disturbed or vanished it disturbs the whole ecosystem including us, humans. So in order to maintain a healthy ecosystem it is important to know about the species, both flora and fauna around us and how they are correlated or how they are interdependent on each other. In spite of Mumbai being a city with a large population of humans and a great amount of pollution and disturbance, it has a good diversity of flora and fauna.

Birds are great pollinators and they also help in dispersing seeds. As birds also feed on insects they keep a good control on the insect population. I recorded a total of 32 bird species, which includes a few raptors (birds of prey), few flycatchers, nectar feeders, waders (water birds), sparrows, parakeets, munias, orioles, hoopoe, swifts, drongos two species of Kingfishers etc. Despite the fact that our campus is placed in the middle of the city, such number of species in such a small area is sign of a healthy ecosystem. There were also few bird nesting site spotted in the campus.

Reptiles are one the best pest controllers, they feed on rats, mice and various other insects controlling the spread of various disease. The reptile count went up to a total of ten species which included five snake species (out of the five snakes four were totally harmless or non-venomous while the one specie the Russell's viper is highly venomous), four lizard species and a terrapin (freshwater turtle) specie. The presence of terrapin and snakes turned out to be a total surprise.

Amphibians are pollution indicators they only found in clean and pollution free environment. Two species of frogs were recorded, the Indian bull frog and frogs from the genus Fejervarya.

A total of 32 species of butterflies are recorded which also included some uncommon butterflies like the Black rajah butterfly. The other butterflies species include Common Mormon, Painted lady, Commander butterfly, Tiger butterfly, the Wanderer, few butterflies from the family of Blues etc. Apart from the butterflies other insects like the praying mantis, dragonflies, various bugs and beetles, Ants and bees are also present.

Spiders belong to the class Arachnida, they are known for their ability to produce silk like material which they also use for spinning their webs. Not all spiders build webs like the Jumping and the wolf spiders. The Spider species included various species of Jumping spiders, Orbs weavers, Lynx Spiders, Wolf spiders, two tailed spider, the ant mimic spider from the family of Jumping spiders, cellar spiders.

With such great diversity of fauna in the campus it turns out to be a good habitat and a healthy ecosystem, in spite of being in the heart of the city and surrounded by many building. The Campus is surrounded

with a good canopy of trees, shrubs and other small bushes which make a good habitat for the animals.



A Story of Young Indian Girl

Jheel Panchal

A girl was born in an Indian Hindu family. She was full of enthusiasm and joy. Wherever she went, she kept people around her happy. Her childhood was full of Happiness. As soon as she turned 13, A day in her life changed everything. When her menstruation phase started for the first time. Everything was new to her. She was told not to touch anyone at home and also not to visit temples for 5 days.

She had many questions in her mind, As she decided to ask her elders. She said, menstruation is just the excretion of the waste coming out of body through blood, During these days she is not impure, infact every women is very strong to deal with the pain and still continue to do her household work. No one answered to her questions. And now she is 20yrs old, still searching for the answer.



FEW INTERESTING FACTS

Sahil Vikram Patil
TYBSC (Botany)

1. WHAT MAKES FINGERPRINTS UNIQUE?
 - A FINGERPRINT IS MADE BY THIN RIDGES OF SKIN ON THE TIP OF EACH FINGER AND THUMB.THE RIDGES FORM A PATTERN OF LINES,OR WHORLS AND NO TWO PEOPLE HAVE THE SAME PATTERN.
2. WHICH PLANT GROWS THE FASTEST?
 - THE GIANT BAMBOO OF MYANMAR (BURMA) GROWS AT UP TO 46cm (18 IN) A DAY.
3. WHEN DID THE FIRST TRAINS RUN?
 - THE FIRST PASSENGER RAILWAY WAS OPENED BY GEORGE STEPHENSON IN THE NORTH OF ENGLAND IN 1825.
4. WHERE WERE BANKNOTES INVENTED?
 - PAPER MONEY WAS FIRST USED IN CHINA, A THOUSAND YEARS AGO.
5. WHEN DID PEOPLE START TO READ AND WRITE?
 - ABOUT 6,000 YEARS AGO. THE SUMERIANS (WHO LIVED IN PRESENT-DAY IRAQ) WERE THE FIRST PEOPLE TO INVENT WRITING. THEY USED LITTLE PICTURE SYMBOLS SCRATCHED ON TO TABLETS OF SOFT CLAY. ONLY SPECIALLY TRAINED SCRIBES COULD READ THEM.
6. WHERE DO YOU BUY MILK BY THE KILO?
 - IN THE RUSSIAN ARCTIC IT IS SO COLD IN WINTER THAT MILK IS SOLD IN FROZEN CHUNKS RATHER THAN BY THE LITRE.
7. WHEN DID PEOPLE FIRST LIVE ON EARTH?
 - HOMINIDS FIRST APPEARED ON EARTH MORE THAN FOUR MILLION YEARS AGO.BUT MODERN HUMANS APPEARED ONLY AROUND 100,000 YEARS AGO.
8. WHAT'S THE FATSEST THING IN THE UNIVERSE?

➤ LIGHT, WHICH TRAVELS AT 300,000 KM (186,000 MILES) PER SECOND.

9. WHY CAN'T YOU SEE COLOUR WHEN IT STARTS TO GET DARK?

➤ THE CELLS THAT REACT TO COLOURED LIGHT-CALLED CONES-ONLY WORK WELL IN BRIGHT LIGHT.

10. HOW MUCH DO ELEPHANTS EAT?

➤ A FULLY GROWN ELEPHANTS EAT 100 TO 200 KG (220 TO 240 LB) OF PLANT FOOD A DAY, INCLUDING, GRASS, TWIGS, BRANCHES, FLOWERS, LEAVES AND FRUITS.



Years have passed on
And though have generations
An Image still is kept on
The things, as decisions

An Image ,that people bind
On the difference of gene
Though this century is pretty kind.
As issue on genders have been seen

He, for his deeds, shall get his due
As she for her's , is kept aside
Actions on things, he'll pursue
And she won't be asked still beside

He is kept as lucky boy charm
Features he has are pretty great and warm
She may be expensive or be cheap
Good for nothing, though all qualities she keep

Well, they escaped doing their part
Left us behind, with an image apart
Image that all gene has met
Difference in male and females are set

Hope is though there, around
In some people, those images never drown
For never can we forget
This is fate, which we've met.

Kumari Nikita



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Kumari Nikita
MSc. - I



Msg

Grandours sky, having clouds
the moving one trying to convey
ohh litte girl..
Gloomy days are transient they!!
She sudden saw the boon
Lo!! It's night's shoon
Wearing its silvery coat
Trying to convey her :
Despondence of gloomy cloud
I m yet here in proud
Casments was scopes of light
Indecating her future
You are heritage of knight
Dreams are not far away creature
Spit of despondence:
Believe in yourself
Jest we checking your tenacity
Prove and pass how long u walk alone
Although watching ur capacity
I have written path of both
Together with shiny eyes
Twin flame is peeping out from their soul
Go and taste the success of the goal

Manisha Tiwari
SYBSC (PC)

◆◆◆

In the dark, when the moon shines
stars glitters and everything rhyme
with the drops of rain I rise
Fine myself engrossed in the beautiful sky
with every butterfly and cocoon finding home
I wish, I pray, I try not to give up
Then the raindrops teaches a lesson
“Fall ! but be the fall everyone likes”.

Priya Dwivedi

◆◆◆

Line of Love

Red sun; grey moon
Spread over the horizon of earth!!
They meet as earth & sky
At the line of ocean
Same as we will meet one day
The History will be again written
With the golden pen
The war for love will begin
Waiting for time,
The war, silent love war again
Ur presence is in my blood
As desert filled with flood
U will be mine any how
God will take revenge behalf us
Revenge of past life; revenge of love life
Fine be everything at the line of love

Manisha Tiwari
SYBSC (PC)

◆◆◆

Confession

It was that first time when I looked at you.
You started running through my mind.
Everything went along step by step
until that one day you'd look at me, and that's when I knew,
I'd always had this feeling when I'm around you.
Every time I see you I hold my breath
and my mind goes blank.
So I suppose I'll just always be on the other side of the room,
loving you from a far.
I step forward to meet you .
Heart beating so loudly through my ears
Hands tangled with anxiety and eyes wide open in fear
a voice echoing in my head urging me to start speaking
So I gather all my strength and I force my lips into motion.
The first word comes out trembling, it hits the huge crowd and starts crumbling
No one can hear you!
I whisper to my self ...
I was so relieved to see you,
but I tightened my knuckles and darted my eyes and shifted away in desperate hope that
you might notice my discomfort.
I knew the thought that I feared you would sting far more,
than any words I could ever speak.
The truth was,
A conversation with you was all I wanted.
And the truth is,
sometimes I wish this was still the case.
Yet now as you turn towards me,
I feel my stomach drop and my toes curl.
As I lie to myself that I want to raise my eyes to meet your grin.
How do I say this?
Ever since that day we met
You already caught my attention
My eyes were looking towards you
With every little thing you do.
Writing this piece not with my mind but my heart,
Not with my thoughts, but with my feelings
It's not easy to say
but I wanna say it anyway
I love you

Suhas Ghoke

Standing on the edge of life,
Looking towards the horizon,
Wondering about the best essence of life,
The essence of Love...

Standing in the crowd,
Yet you are alone,
Countless opportunities to be proud,
Taken away by the fear of being left
alone...

Talking to everyone but the loved ones,
Having a lot to say but no one to listen,
No one knows what debts you owe,
Only waiting for someone who would
listen...

The feeling of being stranded,
Put you in deep thoughts,
Not knowing where you have landed,
Untying the old knots...

Craving to be loved,
With a fear of being shattered,
Wearing a cloak of misguide,
All you need is a little attention...

Give-up the cloak of misguide,
Come out and express yourself,
Pen down your thoughts,
Don't let yourself down...

Show your true self,
Take a leap of faith,
Create a fine script,
The Masterpiece called "LIFE"

As the wind touches my face,
Slowly but in it's own pace,

All the thoughts go into the void,
And there's nothing left to avoid,

The peace in cool breeze,
Is a moment i wanna freeze,

Just want to travel,
Having no hurdles to tackle,

Having no fear even if I bleed,
Just want to take the lead,

I don't know what's more to come,
I hope to welcome it with a drum,

But let me feel the rush,
I too wanna feel the blush,

Just let me...

"That Someone"

The urge to have someone by your side,
Someone to share your ride,
The one who becomes your pride,
That Someone you don't wanna let slide..

Dreaming the possibility to collide,
The one to share the view at a riverside,
That Someone to help you glide,
The one with whom your voice is
amplified..

" There she was! "
Today i saw her!
Right by the alley she stood,
Involved in her own situation,
Talking to someone,
Busy in her own little world,

Here kicks in Irony..



I didn't realise untill,
I walked pass her,
That person i just went by,
Was her!

It has been,
Three years now,
Yet today,
I felt as if it was,
Just yesterday!

And it all hit me,
As hard as it possibly could,
The entire past,
The whole story,
Everything!

I was still walking,
Listening to music,
Which faded away,
As i walked down,
The memory lane!

I felt a huge stone,
Right on my chest,
I guess it weighed in tons,
The stone of feeling,
Guilt and regret!

I was blank,
Just walking,
In a whole new space,
Where i was numb,
The walking dead!

Back to my,
Hardly working brain,
I somehow walked,
Right by her,
Again!

Hoping that she'd see me,
Notice me!
I don't know,
Even if she did because,
I looked away..

The rushing blood,
My fastend heartbeat,
My mistakes,
Her name,
Everything came together!

I still feel responsible,
For what happened,
But the truth is,
It was the act of two,
Two individuals!

Few truths,
Are better untouched,
Because there is,
Always another side,
Another truth!

I was shaking,
I needed someone to talk to,
I wanted to speak,
I needed to talk,
To express!

After i spoke,
I was still,
Not relieved,
Not stabel,
Not yet done!

I felt like,
Talking to her,
For once and for all,
To truly apologize,
To be free!

I don't want to live,
In shame and dejection,
I wanna be free,
Guilt free,
Normal!

Yash Dedhia
S.Y.B.Com

◆◆◆

I'm the lion, king of jungle

Maybe mother nature is on fire
And showering us with her burning flame
Maybe karma has turned the table
And started to play the justice game

They were forced to left their home
Their helpless eyes were full of tears
You are also craving for your home
Your helpless eyes are also full of tears

"They were sad and devastated but not weak"
Comes out his voice in meak
They had advices for you to seek
But you avoided it like egoistic freak

I'm the Lion, King of Jungle
Lost my Kingdom but still I roar
You are the Human, Maybe King of Hell
Snatched my Kingdom but still have grief and sore

Shubham

I think Suicide among youngsters who is going through a lot in their life shouldn't be ignored..

This is one of my original, a step towards suicide prevention

ESCAPE

Behind closed doors
Are unsaid stories
Which are never heard of
Never spoken about
Visions having no wings to fly
Mind wandering off into space
But there's no way out of the cage
With heart fragile
And broken whispers
Dreaming for a stream of light
With hope and positive sight
Like a bird about to take it's flight
Little courage, little passion
Stroke of luck with coat of determination
Will strong as wall and aim laser sharp
One day all shall pass making it possible
With enough reasons to make it real
Standing straight with chin held high
Going to make that Escape
With emotions fierce
Happiness at it's peak
Going to fly high above clouds
Like the bird who has taken it's flight.

Shabnam Khan
SYBSC

◆◆◆

This Is not a pandemic phase, its a healing period. As the whole world is locked down, people are spending quality time with their families. playing games, talking about their childhood, remembering their old memories. The relation among the family members is getting better and better, as they spend more time together.

On the other hand, our mother earth is healing itself. Birds and dogd are moving freely on roads. Our waters bodies are getting less polluted, our air is getting purified.

This is the positive effect of corona virus.

- Jheel Panchal

◆◆◆

Suicide is not the answer

What did we perceived
With all those thoughts we did conceived
If you had just waited title longer,
that journey wasn't that harder,
If you had stayed little stronger,
there was so much left to conquer
Society's perspective plays the game otherwise
we are all still the same
It wasn't wise to leave us,
now you left us in the disgusts..
all the ways your soul wandered,
when your hear needed to be pondered,
Your decision was squandered,
and mind was filled with all the blunders..
Loneliness may be greater fear than death,
we think easy way out is loosing the breath
You left tonnes of questions beneath,
without thinking about the aftermath
Society isn't concerned
coz you left them when it was your turn,
you left them without your answer
You thought suicide is the only answer
You stupid

❖❖❖

An Innocent Soul

*It happened.... AGAIN!
Yes, A Sexual violence.
This wasn't a part of a skirt too short,
But, a part of a modest soul being caught
He violently abused her fragile soul
Sparring no innocence for her cries..
He silenced her voice,
Leaving the little ones with no choice
No walls of defense, by her side
No courage... BLANK and EMPTY inside
Scars might heal,
but its the SOUL.. which FEELS*

Kumari Nikita
MSc. - I

❖❖❖

मराठी विभाग

नविन वर्ष हिंदूचं, नविन वर्ष उत्कर्षाचं
मनामध्ये चैत्रपालवी, तरीही सावट भितीचं ॥१॥

अदृश्याची भेसूर भिती, बाहेर मी जाऊ कशी
मनामध्ये चैत्रपालवी, सण साजरा करू कशी ॥२॥

कोणाचे कुठे चुकले, माणसामाणसात वैर जाहले
मनामध्ये चैत्रपालवी, हयातून बाहेर पडू कशी ॥३॥

सर्वत्र भिती, अज्ञान आणि अंधःकार
मनामध्ये चैत्रपालवी, दिवा आशेचा लावू कशी ॥४॥

काजळले मन माझे, काळोखत्या सर्व दिशी,
मनामध्ये चैत्रपालवी, कोणाला मदतीला बोलवू कशी ॥५॥

चैत्राचा दिवस पहिला, नविन वर्ष नव्या आशा
घालवून सर्व कर्कशा, उजळून टाकू दाही दिशा ॥६॥

मनामध्ये चैत्रपालवी, खूप खूप बहरली
प्रयत्नांच्या पराकाष्ठेने, रात्र काळी सरली ॥७॥

बावरलेली मनं, निराशलेला मानव
सान्यांवर घालून फुंकर, शंभो शंकरा थांबव हे तांडव ॥८॥

आलो तुझ्या पायी, केल्या चुका पदरात घाल
नवरात्राचे दिवस आईचे, मानव जातीला एवढा जोगवा घाल ॥९॥

उतरणार नाही, मातणार नाही, घेतला वसा टाकणार नाही
मनामध्ये चैत्रपालवी, यशाचा दिवा विझू देणार नाही ॥१०॥

सौ. मोनाली अमित देशपांडे

❖❖❖

तो आवाज

नील केतकर

ज्युनिअर कॉलेज सुरू होऊन नुकतेच ४ महिने झालेले. कॉलेज कॅम्पस हिंडता-फिरता आणि एका सेमच्या परीक्षेनंतर कॉलेज मध्ये सगळ्यांचे ग्रुप तयार झाले होते. कॉलेज ट्युशन सगळ्यांचा रगाडा अगदी यथासांग सुरू झाला होता. आता डिसेंबरचा महिना उजाडला आणि डिसेंबरमध्ये कॉलेज म्हंटल की एकाच गोष्टीची चर्चा असते आणि ते म्हणजे फेस्टिव्हल्सची. आता ज्युनिअर कॉलेजमधल्या प्रथम वर्षाच्या मुलांच्या अंगात फेस्ट म्हंटल की जो आकाश झेपावणारा जोश असतो त्या जोशात मी ही कॉलेज फेस्ट मध्ये भाग घेतला. फेस्ट चा दिवस जवळ

येऊ लागला जोरदार तयारी सुरू झाली ! पताका, लेझीम, टाळ, मृदंग सगळ्याची जमाव जमाव सुरू झाली दिंडी ही थीम होती फेस्टची असंच सगळं सुरू होतं फेस्टच्या ३ दिवसापूर्वी अजून एक मित्राबरोबर तयारी कुठवर आली हे बघायला आम्ही बाहेर पडलो सगळं बघून झालेलं आता पहिल्या मजल्यावर प्रिमायसेस मध्ये पोस्टर लागेलत का नाही ते बघायला गेलो होतो. पोस्टर लागले होते आणि फार सुंदर दिसत होते आम्ही तिथून निघणार तोच एक आवाज कानावर पडला. कौसल्येचा राम बाई.... कौसल्येचा राम ! हे गाणं कोणीतरी गात होतं. कोणा मुलीचा आवाज

वाटला. गान स्पर्धेसाठी काही मुला-मुलींचा रियाज त्या खोलीत सुरू होताच तिथूनच आवाज येत असावा हे माझ्या ध्यानात आलं. का माहीत नाही, पण माझी मान लगेच त्या आवाजाच्या दिशेत वळली. आवाज इतरां गायकांचे सुद्धा ऐकले होते पण तिच्या आवाजाची लय थेट मनाला स्पर्श करत होती. तोच आवाज मला त्या खोलीकडे खेचून नेत होता पण माझीच हिंमत झाली नाही. खोलीच्या दरवाज्यापाशी उभं असल्याने तो लयबद्ध आवाज कानावर स्पष्ट पडत होता आणि त्या दरवाज्यातून जमिनीवर पडणाऱ्या प्रकाशात दिसत होती ती फक्त सावली, गाणाऱ्या तिची !

मी अजूनही खोलीच्या बाहेर उभा राहून गाणं ऐकत होतो. ४ ते ५ मिनिटं गाणं गायलं गेलं. मी त्या आवाजात एवढा हरवलो होतो की गाणं कधी संपलं हे लक्षातच आलं नाही. पण कडव्याचे शब्द संपले, तो कानावर पडणार आवाज कुठेतरी बंद झाल्याचे ध्यानात आले. कानातून कोणीतरी खच्चू करून हेडफोन काढल्यासारखे वाटले. गाणं संपताच खोलीतून टाळ्यांचा आवाज आला. मला ही तो गंधर्वी (उत्कृष्ट गाणारा) चेहरा पाहण्यासाठी त्या खोलीत जावेसे वाटले पण पाय पुढे टाकायची हिंमत होत नव्हती. एवढा वेळ मला त्या खोलीसमोर पाहून, माझ्या बरोबर आलेल्या मित्राने मला प्रिमायसेस मधून हाक मारली. ती हाक ऐकून कोणी माणूस खोलीतून बाहेर येत असल्याचं माझ्या ध्यानात आलं. मी धावत जाऊन त्या मित्राच्या बाजूला उभा राहिलो. आतून कोणी एक सर आले आणि आम्हाला प्रिमायसेस मध्ये आवाज करू नका असं सांगून पुन्हा रियाज कक्षेत गेले. आम्ही सुद्धा तिथून निघून आलो. पण तो आवाज अजूनही माझ्या कानात घुमत होता. अजूनही त्या गाणाऱ्या मुलीची सावली मला माझ्या डोळ्यासमोर दिसत होती. कोण असेल ती मुलगी ? तिचं नाव काय असेल ? कोणत्या वर्गात असेल ? या साऱ्या प्रश्नांनी माझं डोकं भंडावून सोडलं होतं त्या दिवशी. मोबाईलमध्ये कोणीतरी एखादं गाणं लूपवर लावावं त्याप्रमाणे तो आवाज ते गाणं पुढे ३ दिवस माझ्या कानात घुमत राहिलं. हे सगळं सुरूच होतं तोच चवथा दिवस उजाडला, त्या दिवशी कॉलेज मध्ये फेस्टिव्हलच्या निमित्ताने उत्साह ओसंडून वाहत होता. फेस्टची पूर्ण तयारी झाली होती. स्टेज स्वर्ग वाटेल इतका सजवला गेला होता. मी स्टेजचं नियंत्रण बघायला म्हणून जिन्यात उभा होतो. कार्यक्रम सुरू झालाच होता तोच नांदी (प्रार्थना) साठी गान-स्पर्धेच्या सर्व स्पर्धकांना स्टेज वर बोलावण्याची घोषणा झाली. गान-स्पर्धा म्हणताच माझ्या डोक्यात पुन्हा तो आवाज

घुमू लागला आणि माझे डोळे लगेच स्टेजकडे फिरले. आता तरी तो चेहरा बघता येईल या आशेने मी स्पर्धकांना नीट बघितले त्यात २ मुलं व ४ मुली होत्या. नांदी साठी मी प्रत्येकाच्या हातात माइक सोपवला. गायकांनी आपापल्या जागा घेतल्या. तो गाणारा आवाज पुन्हा ऐकायला आतुर मी प्रेक्षकांत जाऊन बसलो. गाणाऱ्या मुलांच्या नावाची घोषणा झाली. आणि पडदा उघडणार तोच मला गेटवर बोलावले. तो आवाज ऐकण्याची संधी मुकणारं या विचाराने मी हताश होऊन हॉल एक्झिट करायला निघालो तोच नांदी सुरू झाली तो आवाज पुन्हा कानावर पडला, हृदयाने एक दीर्घ श्वास भरला, डोळे तो चेहरा पाहायला आतुर झाले आणि पुन्हा माझी मान त्या आवाजाच्या दिशेत वळली आणि मला तो चेहरा दिसला

मला तो चेहरा दिसला, तिला बघताच मन त्या ३ रात्रींचं जागरण, तो घुमणार आवाज सगळं विसरलं. कोणीतरी मनाची पाटी कोरी करावी आणि नव्या आठवणींचे सूर टिपावे असं काही झालं माझ्यासोबत त्या क्षणी. काही काळासाठी का होईना पण मी आयुष्य, भविष्य, नातलग, जीवन, मरण या साऱ्यांचे हिशोब विसरलो होतो. प्रोम्प्टर मध्ये मला गेट वर येण्यासाठी सारख्या सूचना येत होत्या. पण मीच त्या वेळी एवढा हरवलो होतो माझ्यात, मला शोधण्यात, माझ्यातल्या तिला शोधण्यात !

या साऱ्यात नांदी संपली. मी ध्यानात आलो आणि माइक वर एक घोषणा झाली. सावंत मॅम माइक मध्ये म्हणाल्या, आता आपल्या समोर गगन सदन गीत सादर करायला येत आहे. ११वी ज(ग) मधून तेजश्री देशपांडे आणि पाहिले तर तोच चेहरा तीच मुलगी माझ्या समोर होती. सावंत मॅडमनी नाव, इयत्ता आणि वर्ग सांगितल्यावर तिची कुंडली कोणा ज्योतिष्यासमोर मांडली आहे असे मला वाटले. तिने माइक ऍडजस्ट केला आणि सूर झंकारायला सुरुवात केली.

गगन सदन तेजोमय, गगन सदन तेजोमय
तिमिर हरून करुणाकर, दे प्रकाश देई अभय
गगन सदन तेजोमय, गगन सदन तेजोमय.....

गात ती होती पण, माझं हृदय उसासे भरत होतं, पार वेडावून गेलं होतं. त्या आवाजावर, चेहऱ्यावर, तिच्यावर !

तिच्या परफॉर्मन्स नंतर मी शुद्धीतच नव्हतो. बॅकस्टेजला एक दोनदा ती दिसली होती पण काही बोलण झालं नाही. असाच पुढे कार्यक्रम संपला आणि मी आमच्या

(फ्रेंड्स) सर्कलसोबत हॉलमधून निघालोच होतो. पूजाची कोणी मैत्रीण येणार होती तिच्यासाठी पूजा मी आणि नुपूर थांबलो होतो बाकी ग्रुप पुढे गेला. मला ही वाटलं की बाकी सगळ्यांसोबत जायला पाहिजे होतं पण मी आपलं गप्प उभा राहिलो. बराच वेळ उभा राहून पाय दुखायला लागल्याने मी रस्त्याच्या बाजूला थोडं चालून घेतलं आणि मी वळलोच तोच मला तेजश्री दिसली, तेजश्री तीच मुलगी जी ३ दिवसांपूर्वी माझ्यासाठी एक आवाज होती, आज एक चेहरा, एक ओळख. तिला यायला बराच उशीर झाल्याने पूजा वैतागली होती. तेजश्री तिला सारी म्हणाली. पूजा सुद्धा लगेच शांत झाली आणि तेजश्रीला आधी नुपूरची ओळख करून दिली आणि माझ्या कडे वळली. तिला पाहिल्या क्षणीच माझे हातपाय गार पडले होते, तेजश्री म्हणाली की तिने मला बॅकस्टेज हँडल करताना बघितले होते आणि चांगल्या प्रकारे हँडल करण्यासाठी तिने कौतुकही केले आणि हात मिळवायला पुढे केला आणि मी सुद्धा हात मिळवला आणि बस्स ! तिथेच माझी विकेट उडाली...

त्या दिवसानंतर तेजश्री आणि माझी भेट अशी काही झाली नाही. कधी रस्त्यात दिसलो तर हाय आणि बायचं बोलणं असायचं. कधी नजर भिडलीच तर ती बघून हसायची. मी ही ओठांवर हास्य ओढून तिला प्रतिउत्तर द्यायचो. पण का कोणास ठाऊक पण मला तिचं हसू खोट वाटायच. तिच्या त्या हस्त्या ओठांच्या चेहऱ्यामागे एक हिरमुसला चेहरा मला कायम दिसायचा. एक महिना असाच गेला. आता डिसेंबर झालेला फेस्ट संपले होते आणि वेळ होता जानेवारी मधल्या चाचणी परीक्षांचा. पूर्ण महिना मजा मारून आता मी अभ्यासाला बसलो होतो. दोन-चार अजून दिवस गेले आणि अभ्यासात लक्ष्य लागू लागलं. असच एका सकाळी रिकाम्या वाचनालयात बसलो होतो निवांत अभ्यास करत बसलो होतो. वाचनालयातली माझी जागा ठरली होती तिथेच मी कायम अभ्यासाला बसायचो. कॉलेजच्या वाचनालय असं होत की डावी बाजू मुलांची आणि उजवी मुलींची होती आणि मध्ये पुस्तकांची कपाटं होती. त्या दिवशी सकाळी सुद्धा असाच बसलो असताना मला मुलींच्या सेक्शनमध्ये (भागात) कोणीतरी आल्याचे जाणवले. २ मिनिटे वाचनालयात शांतता टिकून होती पण नंतर कोणीतरी हुंदके भरत रडायचा आवाज मला येऊ लागला. मी लक्ष्य नाही दिलं. पण काही वेळानंतर तिथे कोणी,

नात्यास नाव आपुल्या देऊ नकोस काही ।
साऱ्याच चांदण्याची जगतास जाण नाही ॥

हे गाणं गाऊ लागलं. एका क्षणात मी तो आवाज तेजश्रीचा आहे हे ओळखलं. कोणीतरी गातयं हे ऐकून ग्रंथपाल शांत करायला म्हणून त्याच्या डेस्कबाहेर पडणार तो मीच तिला थांबवायला उठलो. मला पाहून ग्रंथपाल बसला आणि कोण गातय तिला शांत बसायला सांग म्हणून सांगितले. मी गर्ल्स सेक्शनमध्ये गेलो तोच मला तेजश्री दिसली. पण या वेळी तिच्या त्या आवाजात हुंदके जाणवत होते बोचऱ्या दुःखाचे !

फार बेढब (रुजुरीव) परिस्थितीत मी तिला हाय म्हंटल. तिने गाणं थांबवलं नाही डोळे उघडून मला बघितलं डोळ्यातली आसवं हलकेच टिपत तिनेही हाय म्हंटल आणि बघून हसली नेहमीसारखी. मी सहज म्हणून विचारलं की तू ठीक आहेस ना ? आणि तिने एका शब्दात उत्तर दिलं नाही आणि तिला मोकळेपणाने बोलायचं आहे असं म्हणून ती मला कॅन्टीनला घेऊन गेली. मला तीच अस वागणं थोडं वेगळं वाटलं पण एक कप चहा आणि ती समोर असताना मला आणखी काय हवं होत. तिने चहाचा एक घोट घेतला आकाशाकडे बघितलं आता ती बोलणार तोच, रेडिओची कॅसेट अडकावी तशी ती अडकली आणि शांत झाली. तिचा हिरमुसला चेहरा मी पुन्हा पकडला. कॉमर्स मधला असून एकवेळ मी हिशोबात चुकलो असतो पण कलाकार हाडाचा होतो खरे-खोटे भाव ओळखायला आजपर्यंत कधी चुकलो नव्हतो. माझ्या या विचारात तिने तिचा प्रश्न बदलला आणि विचारलं तू कोणती कला येते मी सुद्धा म्हणालो शब्दांची जुळवाजुळवं करून बनवतो काही कविता त्यावर ती म्हणाली, शब्द कसे असतात हे शब्द आकाशा एवढे विचार थोडक्यात समजावणारे, वळवू तसे वळणारे, सोपे, मधुर पण अपुरे !

कॉलेजच्या चाचणी परीक्षा होऊन आता महिना उलटला होता, सगळ्याच मुलांच्या मनात आता वार्षिक परीक्षेची धास्ती होती. सगळे बॅलन्स शीट बॅलन्स करत असताना माझी मात्र वेगळीच केमिस्ट्री सुरू झाली होती. त्या दिवसानंतर तेजश्री आणि मी रोज भेटायचो निदान ४-५ तास तरी गप्पा व्हायच्या आमच्या, काही वेळ ती तिच्या आवाजाची जादू दाखवायची तर मी कधी माझ्या शब्दांची. तिच्याशी बोलताना तोंडातून निघालेला प्रत्येक शब्द जड वाटायचा, तिचे विचारच तसे होते. गप्पांचा विषय कितीही हलका किंवा जड असो तिच्या चेहऱ्यावर

तो हसत्या चेहऱ्याचा मुखवटा कायम दिसायचा. असेच गप्पांमध्ये दिवसांमागून दिवस सरकत होते. आता वेळ होती वार्षिक परीक्षेची. परीक्षेसाठी जोरदार अभ्यास सुरू झाला. अकाउंट्स, मॅथ्स, इकॉनॉमिक्स सगळ्या विषयांना अभ्यास करताना अगदी खोदून काढलं, अर्थ समजून घेतले, आणि देवाचं नाव घेऊन केली सुरुवात परीक्षेच्या नवरात्रीला. काही सोपे काही कठीण असे असे एका मागून एक पेपर गेले शेवटच्या दिवशी इंग्लिशचा पेपर होता. मी आणि परीक्षेत माझ्या पुढच्या बेंचवर बसणार माझा मित्र नील पेपर संपवून वर्गाबाहेर निघालो. उत्तरांची जुळवाजुळवं करणं सुरू होतं, तोच समोरून पूजा आली हो तीच माझी आणि तेजश्रीची कॉमन फ्रेंड पूजा. तिने मला सांगितले की तेजश्रीने मला कॅन्टीन मध्ये बोलावले होते. हे ऐकताच नील ने निर्लज्जपणे पॅसेजमध्ये ओह हो ! अहम् अहम् ! असा आवाज काढला. त्याच्या अश्या वागण्याने पॅसेजमधली सगळी मुलं आमच्या कडे बघू लागली. मी नील कडे डोळे वटारून बघितलं त्याला गप्प बसायला सांगितलं. पूजा तिथून गेल्यावर नील लगेच म्हणाला, ओह हो ! आज प्रपोज होणार तर . . . कॉॅम्प्रेस ! मला काही कळेनासं झालं, प्रपोज म्हणजे ? त्यावर नील म्हणाला, अरे मूर्खा आज कॉलेजचा लास्ट दिवस आहे बरोबर मी हं म्हणून मान डोलावली. त्यावर नील म्हणाला, मग आज नाहीतर कधी बारावी झाल्यावर प्रपोज करणार आहे का ती, आता तू असा, सहा महिने झाले भेटताय एका शब्दाने कधी विचारलं नाहीस मग तीच विचारणार ना !. त्याच्या या बोलण्याने मी स्तब्ध झालो. अचानक हृदय जोरात धडधडू लागलं. मला हेच हवं होत हे रिलेशन, हा क्षण आणि ती. पण का कोणास ठाऊक पण आज त्याच क्षणाची भीती वाटत होती, हातपाय कापत होते. मी कॅन्टीनपर्यंत पोहचलो तोच माझे कान सुन्न झाले होते आणि हातपाय गार पडले होते. मला तिथे तेजश्री दिसली मी तिच्या समोरच्या खुर्चीत जाऊन बसलो. तिने पडल्या चेहऱ्याने मला हाय म्हंटल. आज तिने तो हास्याचा खोटा मुखवटा घातला नव्हता, ती रडली होती.

तिने बोलायला सुरुवात केली, कॉलेज सुरू झाल्यानंतर मला बरेच मित्र भेटले अगदी जवळचे असे पण माझ्या विचारांना समजणार अस कोणी नव्हतं. पण कॉलेज फेस्ट नंतर आपण भेटलो नंतर ते लायब्ररी आणि सगळं या एवढ्या दिवसात आपण एकमेकांना बरच जाणून घेतलं ती थांबली. माझी हृदयाची धडधड आता ऐकू येईल एवढी वाढली होती. आता तिने परत बोलणं सुरू केलं, मला

काही सांगायचं होतं. आता मी गार पडलो होतो तेवढ्यात ती म्हणाली, मी दिल्लीला शिफ्ट होते आहे. मी जागीच उडालो. ती मात्र बोलत राहिली, बऱ्याच वर्षांपासून माझ्या आई-बाबांचं जास्त पटत नव्हतं अँड ढॅट्स व्हाय दे आर सेपरेटेड आणि म्हणून मी माझ्या आजीकडे शिफ्ट होणार आहे. मी स्तब्ध डोक्याने सगळं ऐकत होतो माझं डोकं निकामी झालं होतं. या क्षणाबद्दल माझ्या अपेक्षा काही निराळ्या होत्या आणि काय घडलं याचा फरक माझं मन झेलू शकलं नाही. तिने काय झालं असं विचारत खांद्याला हात लावला आणि मी ध्यानात आलो. मला बघून ती पुढे म्हणाली, आपण जसे होतो किंवा आपल्यात जे होतं ते मला पुढे बघायला आवडलं असत पण आता जे झालंय या नंतर मी रिलेशनशिपचा किंवा ब्रेकअपचा त्रास सहन करायला तयार नाहीये करायला आताही कॅमिटेमेंट करू शकतो पण लाँग डिस्टन्स काम करेल असं मला वाटत नाही ! मी मान हलवली आणि बोलायला सुरुवात केली, मलाही मान्य आहे तुझं म्हणणं आफ्टरऑल तुलाच मान्य नसेल तर जगात कपल म्हणून फिरण्यात काय अर्थ आहे पण आपण निघण्याआधी मला एक सांगायचं आहे मी हिम्मत एकवटली, ६ महिने झाले तुला वर्गात गाताना ऐकलेलं तेंव्हाच तुझ्या प्रेमात पडलेलो पुढे तुला फेस्ट मध्ये गाताना ऐकून तुझ्या आवाजाने ओळखलं पुढे असंच बोलणं होत गेलं त्या बोलण्यात आपल्यात काय होतं ते माहीत नाही पण मला तू आवडतेस हे सांगायचं होत आणि नो प्रॉब्लेम परत उत्तर द्यायची गरज नाही, गिल्ट राहू नये म्हणून मी म्हणून दाखवले ती बघून हसली आणि उठून म्हणाली, ओके मग मी निघते ऑनलाईन भेटत राहू एक हँडशेक नंतर ती निघायला लागली. मी तिला हाक मारली आणि विचारलं, एक अजून विचारायचं होत तुलाही मी आवडायचो का? तिने माझा मोबाइलला घेऊन माझ्या डोक्याला डोकं टेकवलं आणि एक फोटो काढला आणि हसून म्हणाली, टच मध्ये राहा ! आणि कॉलेज गेट कडे वळून चालू लागली. मी सुद्धा कॅन्टीन कडे वळलो. अर्ध्या रस्त्यावर आम्ही एकमेकांना वळून पाहिले आणि बाय म्हंटले. तिच्या विचारात तो दिवस संपला, पुढचा दिवस उजाडला. आजपासून उन्हाळ्याची सुट्टी सुरू झालेली उन्हाळ्याची अर्धी सुट्टी मी तिच्याच विचारात घालवली होती. पण ती फार दूर गेली होती, मनाच्या कापडावर आठवणींचा डाग ठेवून ती निघून गेलेली, सुटलेल्या श्वासासारखी.

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समाज-नाट्य !

रात काळी पसरत होती
सोनेरी, किरणांस नमवूनी
वस्तीचे दिवे पेटून उठले
नाट्ये दाखवीत भयभीतांची

नाट्य साजेसे परिस्थितीला
अभिनेत्यांचीही निर्मळ मैफिल
नजराणा तो खरा मांडला
मानवता ती झाली गंभीर

नाट्य संपता एक मुक्यांचा (मुक्या जमावाचा)
बंड असा तो पेटून उठला
करू न शकला तो ही काही
मशालीस त्या परी पाझर फुटला

- नील केतकर
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मराठी

शर्वरी प्रशांत बोटे

FYBSc.

भाषा म्हणजे काय? भाषेची गरज काय? तर अंतकरणातले भाव व्यक्त करते ती भाषा. संदेशवहनापासून संस्कृतीवहनापर्यंतचे काम करते ती भाषा. संस्कृती म्हणजे शरीर व भाषा म्हणजे आत्मा. ज्याप्रमाणे आत्मा नसल्यास शरीर निष्क्रिय होते त्याचप्रमाणे भाषेशिवाय संस्कृतीवहनाचे कार्य कठीण होऊन बसते. अशीच एक संस्कृतीवहनाचे कार्य करणारी आपली मायबोली मराठी भाषा.

असे म्हणतात, संस्कृत ही सर्व भाषांची जननी आहे म्हणूनच मराठी भाषेचा उगम संस्कृतपासून झाला. मराठी भाषा ही प्राकृत भाषा आहे. मन्हाष्ट्री, मराष्ट्री, महाराष्ट्रीय प्राकृत, अपभ्रंश मराठी ते आजची आधुनिक मराठी असा मराठी भाषेचा प्रवास जिला खऱ्या अर्थाने छत्रपती शिवाजी महाराजांच्या काळात राजाश्रय मिळाला.

भाषा साहित्य लोकांपर्यंत पोहचवते परंतु साहित्य म्हणजे काय? तर 'हितेन साहितम्' म्हणजेच जे हिताचे सांगते. ते साहित्य पूर्वीच्या काळात जेव्हा मोठ्या प्रमाणात साहित्य संस्कृत भाषेत लिहिले जायचे त्या काळात, मुकुंदराजाने मराठी भाषेतला आद्यग्रंथ लिहिणारे पहिले

कवी म्हणून मुकुंदराजाला आद्याकवी असे संबोधले जाते. त्याचबरोबर संतांनी मराठी भाषेचे साहित्य शोभिवंत केले. 'लोपले ज्ञान जगी। हित नेणीवे कोणी। अवतार पांडुरंगा।' म्हणजेच काय तर जेव्हा जगातले ज्ञान लोप पावत चालले होते. अज्ञानाचा अंधःकार झाला होता, हिताचे काय ते कोणीच सांगत नव्हते. अशा वेळी साक्षात पांडुरंगाचा अर्थात भगवंताचा अवतार घेऊन संत जन्माला आले. संत ज्ञानेश्वर जेव्हा 'अमृतानुभव' हा ग्रंथ लिहित होते. तेव्हा त्यात पहिले पाच श्लोक हे संस्कृत भाषेत होते. परंतु त्यांना निवृत्ती महाराजांनी सांगितले, "हे ज्ञान लोकांपर्यंत पोहचले पाहिजे व त्यासाठी ते बोलीभाषेत लिहिले पाहिजे." म्हणून त्या ग्रंथातील पाचव्या श्लोकानंतर पुढील सर्व श्लोक प्राकृत भाषेत लिहिले गेले.

जुन्या काळातील कालिदासांनी लिहिलेले 'शाकुंतल' बघितल्यास लक्षात येते की फक्त उच्चवर्णीय लोकांना संस्कृत भाषेत संवाद लिहिलेले होते तर इतरांना मात्र प्राकृत भाषेत संवाद देण्यात आलेले, अशी भेद करणारी संस्कृत वाणी. तिच्या बदल बोलताना संत एकनाथांनी

चपराक लगावली, 'संस्कृतवाणी देवे केली तर प्राकृत काय चोरापासूनी झाली?'

समाजाचा सांस्कृतिक इतिहास हा लोकसाहित्यातून जपला जातो. मराठी भाषेचे सर्वसमावेशक व समग्र रूप लोकसाहित्यात आढळते. म्हणी, वाक्प्रचार, नृत्यगीते, रमगीते, उपासना गीते, बारसेगीते, खेळगीते, फुगडी-फेरा-पिंगा-कांडणी-कापणी आणि जात्यावरच्या ओव्या असा मराठी भाषेला लाभलेला वारसा.

जुन्या काळातील लोक म्हणायचे की महाराष्ट्रामध्ये दर दहा कोसावर पाणी व वाणी बदलाताना दिसून येते. महाराष्ट्राच्या प्रत्येक भागात मराठीचे वेगळे रूप पाहायला व ऐकायला मिळते. विविध भागातल्या उपबोली, पोटभाषा या साऱ्यांचे मिळून मराठी भाषेचे अवकाश तयार होते. भाषिक सहभागाने भाषा समृद्ध व्हावी. तिची जडणघडण व्हावी. तसे असेल तरच ती भाषा सांस्कृतिक वैविध्य असलेल्या प्रदेशात एकसंघता राखू शकते.

मराठी भाषा म्हणजे केवळ प्रमाण भाषा नव्हे. बोलीभाषेवर प्रमाणभाषा लादणे म्हणजे भाषेच्या शेवटाकडे वाटचाल करण्यासारखे असते. इतरांच्या राजभाषा सिंहासनापुढे खालमानेने उभ्या असलेल्या दिसून येतात. परंतु आपली मराठी भाषा जिची जडणघडण सांस्कृतिक वर्चस्ववादाने झाली. तिच्यापुढे इतर भाषा व संस्कृती गौण ठरतात.

या साऱ्याची सुरुवात केली तो महानुभव पंथाच्या महदंबेच्या धवळ्यांनी. महानुभाव पंथाने संस्कृतीची जोखड

झुगारून देऊन बहुजनवादी मराठीचा पाया रोवला. संत जनाबाईची 'डोईचा पदर खांद्यावर घेऊन भरल्या बाजारात जाण्याची' भाषा स्त्रीमुक्तीचा उद्घोष करते. तर दुसऱ्या बाजूला त्यांच्या जात्यावरच्या ओव्या ग्रामीण लोकतत्त्वाशी नाते सांगून जातात.

आपल्या मराठी भाषेला आता 'अभिजात मराठी'चा दर्जा मिळवून देण्याच्या हालचाली चालू झाल्या व स्थापना झाली. 'प्रा. रंगनाथ पठारे समिती'ची 'अभिजात' हा केंद्र सरकारकडून दिला जाणार विशिष्ट दर्जा आहे. जो मिळाल्यास भाषेच्या संवर्धनासाठी भरीव अनुदान दिले जाते.

अभिजात भाषेचा दर्जा मिळावा यासाठी निकष असतात ते म्हणजे, पहिला - भाषा प्राचीन व साहित्य श्रेष्ठ असावी, दुसरा - भाषेचे वय दिड ते अडीच हजार वर्षे इतके असावे, तिसरा - भाषेचे स्वयंभूषण असावे, चौथा - भाषेचे प्राचीन व आधुनिक रूप यांच्यात गाभा कायम असावा.

अभिजात भाषेचा दर्जा मिळाल्यास मराठी भाषेचा साहित्यसंग्रह करणे, महाराष्ट्रातील १२००० ग्रंथालये मराठीत करणे, भारतातील ४५० विद्यापीठांमध्ये मराठी शिकवण्याची सोय होईल असे फायदे होतील. असे फायदे होत असल्यास मराठी नक्कीच 'अभिजात मराठी' झाली माहिजे. केंद्र सरकारने ठेवलेले चारही निकष सिद्ध करून आपली भाषा 'अभिजात' नक्कीच ठरेल व पुढील वर्षी निबंधस्पर्धेचा विषय फक्त मराठी नव्हे तर 'अभिजात मराठी' असेल हा विश्वास.

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मराठी

राजेश गणेश घायल

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मराठी भाषा म्हणजे शिवरायांच्या काळात एखाद्या व्यक्तीला वाघिणीच दुध पिण्यासाठी द्याव अस म्हणता येईल. मराठी भाषा आली म्हणजे कवी आले, लेखक, काव्य, भारुड हे सगळच आले. प्रत्येक विभागाप्रमाणे भाषा बदलत जाते अस म्हणतात म्हणजे त्याच भाषेच बोलण बदलत जात. त्याच बोलण्याच ट्युनींग काय ते म्हणतात ते बदलली जात. नकळत आताच्या युगामध्ये कुठेतरी हे बदलत चाललय. नकळत का होईना आपल्या भाषेचा विसर लोकांना पडत चाललाय. मोडकी म्हणाव की विसर हा मोठा प्रश्न सध्यातरी उभा राहिला आहे.

आयुष्याच्या ह्या वळणावर आपण सगळ्या पहिले आपल्या आई वडिलांना प्राधान्य देतो. मग बाकीसगळे जे उरलेले असतील त्यांना मग का नाही आपण आपल्या भाषेला प्राधान्य द्याव. कवी कुसुमाग्रजांनी आपल्या अनेक रचनांमध्ये आपल्या मराठी भाषेबद्दल लिहून ठेवलय आणि ते आता अस्तित्वात आहे ह्याचा थोडासा का होईना आनंद आहे. आजच्या युगात मराठी भाषा कोणी बोलत असेल तर त्याच्याकडे वेगळ्या दृष्टीकोनातून पाहिल जात. का तर तो मराठीमध्ये बोलत आहे. जिथे इंग्रजी ह्या भाषेला सगळ्यात जास्त मराठी जनता लोक प्राधान्य देत

आहेत तिथे मराठीला का नाही हा प्रश्न खूप कमी जनांना पडत असेल.

जन्माला आलेल्या मुलाला आई लहानपणी ओव्या, छान सुंदर अशा अंगाई ऐकवत असते. तिथेच काही दिवसानंतर बोलण्याची भाषा बदलली जाते. नकळत का होईना मराठी भाषेचा विसर पडत जातोय का तर आपण त्या म्हणजे इंग्रजी भाषेला प्राधान्य देत आहेत ह्या कारणामुळे पूर्णपणे मराठी काय इंग्रजी सुद्धा काही लोकांना येत नाही आहे. आता ह्यावर प्रश्न पडावा का हाच मोठा प्रश्न उद्भवतो आहे. आज मी कॉलेजमध्ये चुकून एखादा मराठी शब्द बोलला म्हणजे ज्याचा अर्थ खूप खोल आहे असा तर तो सहसा कोणाला कळत नाही. कारण मराठी भाषेच वाचन कमी झालाय लोकांना त्यात आनंद मिळत नाही आहे.

पण बघाना ज्या लोकांना मराठी नीट ये तसुद्धा नाही त्यांना मात्र मराठी साहित्याबद्दल खूप कुतुहल आहे. ते या सगळ्या साहित्याकडे ओढले जातात. मराठीमध्ये लिहिली गेलेली कविता, एखादा लेख इतका छान पद्धतीने मांडला गेलेला असतो की ज्याला मराठी कळत सुद्धा नाही तो देखील आनंदाने ह्या सगळ्या गोष्टींकडे ओढावला जातो.

मराठी हा शब्द उच्चारला जरी गेला तरी सगळ्या पहिले डोळ्यासमोर उभे राहतात ते महाराज श्री शिवछत्रपती अभिमानाची गोष्ट अशी की ज्यांनी आपले साम्राज्य स्वतःचे साम्राज्य जे स्वराज्य म्हणून ओळखले जाते. ते घडवणारे मराठी मातीत जन्माला आले अहो तेव्हापासून आपली

मराठी भाषा नसानसांमध्ये रुळत आली आहे.

एखाद्या प्रियकराने प्रेयसीला ती खूप छान दिसते हे त्याने मराठीमध्ये सांगितल म्हणजेच मराठी या भाषेत सांगितल तर त्यात वेगळीच मजा आणि माज आहे अस म्हणता येईल. मराठीबद्दल काय बोलाव, काय लिहाव हा प्रश्न कोणाला कधीच पडणार नाही कारण ते साधी सरळ आहे. एखाद्या नदीच्या प्रवाहात वाहत जावी अशी शांत पण तितकीच खोल कोणालाही वेड लावेल अशी. एखाद्याला जर खरच कोणत्या भाषेच्या प्रेमात पडायच असेल तर त्याने मराठी भाषेच्या प्रेमात पडाव. विषय मराठी असला तरी त्यात फक्त भाषाच मराठी येते अस नाही बरका मग त्यात आले त्या भाषेची माणसे, रूढी, परंपरा, सण सगळच.

मराठी सणांबद्दल लिहाव तितक कमी आहे. म्हणजे प्रत्येक सण आपल्याला काहीतरी शिकवून जात. मराठी भाषेच्या सहित्यात एवढ काही आहे की एखाद्या व्यक्तीच्या पिढ्यानपिढ्या त्याचा आस्वाद घेऊ शकतील. मला आपण मराठी आहोत याचा माजच नाही तर गर्व आहे. या मातीत जन्माला येण आणि तेही मराठीत यासारख सुख आयुष्यात नाही म्हणजे इतर सगळ वाईट आहे अस नाही.

गर्व नाही तर माज आहे मराठी असल्याचा कारण ती गर्वा प्रमाणे आम्ही वागवतो.

“आमुच्या रगारगात स्पंदते मराठी
आमुच्या नसानसात वाहते मराठी”

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मराठी

अमेय राणे

FYBSc

“संस्कृत भाषेची पुत्री पवित्र,
तेजस्वी रवीसम शीत जणू रात्र.
मराठीची माझ्या काय सांगू किर्ती,
मराठीच्या कथा जगभर फिरती.”

आपली ही मराठी मातीतली मराठी भाषा कधी ह्याच मातीसारखी कणखर तर त्यावर मायेचा माऊस पडला तर तितकीय सौम्य आणि सुंदर. अशा ह्या मराठीवर प्रेम करणे सहाजिकच आहे. जीभ वळवाल तशी भाषा वळते आणि

म्हणूनच वळणावळणावर आपली मराठी एक वेगळ वळण धरते आणि त्या प्रदेशाची भाषा बनून जाते. अशी मैलामैलावर बदलून सुद्धा तितकीच मौल्यवान वाढणारी भाषा श्रेष्ठ नव्हे का? माती कशी कुंभार आकार देतो तशी वळत जाते आणि एकदा कुंभाराने त्याचं काम केलं की मातीला मुल्य मिळतं, ओळख मिळते. तशीच मराठी एकदा वळली की वऱ्हाडी, अहिराणी, मालवणी, पुणेरी, कोकणी अशा अनेक मुल्यवान भाषांना ओळख मिळते.

स्वराज्याचा हक्क स्वतः मानणारे व तो ठामपणे मागणारे लोकमान्य टिळक मराठीच्या उद्बोधनासाठी अग्रेसर लेखक म्हणून उभे राहिले. केसरी हे मराठी वृत्तपत्र चालू करून त्यांनी इंग्रजांविरुद्ध मराठी भाषेत लढा दिला. स्वातंत्र्यासाठी लढणारे अनेक स्वातंत्र्य सेनानी मराठी होते. अनेक नेते जे आताच्या काळात श्रेष्ठ मानले जातात तेही मराठीच आहेत. महाराष्ट्राचे आराध्य दैवत श्री छत्रपती शिवाजी महाराज मराठी साम्राज्यासाठी लढले. ते साम्राज्य सांभाळत श्री छपती संभागजी महाराज मराठी जन्मले मराठी जगले आणि मराठी म्हणूनच स्वर्गवासी झाले. भारताची गाणकोकीळा लता मंगेशकर मराठी आहे. भारतात पहिला चित्रपट करणारे दादासाहेब फाळके मराठी होते. जगातील श्रेष्ठ गोलंदाज स्टॅनलीच्या स्वप्नात येऊन त्याच्या फिरकीची धुलाई करणारा क्रिकेटचा देव सचिन तेंडुलकर सुद्धा मराठीच. मराठीला श्रेष्ठ मिळवून देणाऱ्या ह्या महात्म्यांची नावे जगप्रसिद्ध आहेत.

नाट्यसृष्टीत मराठी रंगभूमी हीच सर्वात समृद्ध मानली जाते. साहित्यसुद्धा मराठी असेल तर वाचक मनापासून वाचतात. 'ने मजसी ने परत मातृभूमीला' असे म्हणून महासागराला आवाहन करून स्वातंत्र्य मागणारे स्वातंत्र्यवीर सावरकर, व्यक्ती व्यक्ती मधला वल्ली, शोधणारे व लेखकांचे कुलदैवत असे पु. ल. देशपांडे, 'तुला शिकवीन

चांगलाच धडा' म्हणून फुलराणी जगप्रसिद्ध करणारे कुसुमाग्रज, 'अरे संसार संसार' म्हणून संसारगाथा सांगणाऱ्या बहिणाबाई, प्र. के. अत्रे, रत्नाकर मतकरी, व. पु. काळे असे अनेक मराठी साहित्यिक मराठीला समृद्ध करतात. मराठी रंगभूमीला समृद्ध करण्यात काशिनाथ घाणेकर, पु. ल. देशपांडे, बालगंधर्व ह्या अनेक कलाकारांनी महत्त्वाचं योगदान दिले आहे.

आजच्या जगात जिथे इंग्रजीला व्यवहारातली भाषा आणिली जाते. ह्या जगात मराठी भाषिक व आपली सुंदर अशी मराठी लोप पावत चालली आहे. आजकाल मराठीच्या उद्बोधनासाठी आपण ठरवतो की फक्त मराठी बोलायचं आणि सकाळी कामाला किंवा महाविद्यालयात जाताना आपणच रिखावाल्याला हिंदीत विचारतो. कुठे ना कुठे चुक आपलीच आहे. मुलांना मराठी माध्यमाऐवजी इंग्रजी माध्यमात शिकवतो. शिव्यासुद्धा मराठी घाणेरड्या व इंग्रजी असल्यातर दर्जेदार. मराठी गाण्यांपेक्षा हिंदी व इंग्रजी गाणी जास्त पाठ असतात. हे सगळे थांबवले पाहिजे. मराठीसारखी सुंदर भाषा लुप्त होता कामा नये. मराठीसारखी सुंदर मातृभाषा लाभायला भाग्य लागतं. म्हणूनच म्हटले जाते,

“लाभले आम्हांस भाग्य बोलतो मराठी,
जाहलो बरेच धन्य ऐकतो मराठी”

❖❖❖

हिंदी विभाग

जो अपने खास होते हैं ।

उसे कहना...!
गिले उन्ही से होते है,
जो दिल के पास होते है
शिकायत उन्हीसे होती है,
जो अपने खास होते है
मेरा तुमसे गिला करना,
तुम्हे यूँही रुला देना
खफा करना मनालेना
प्यार की निशानी है,
ये प्रेम की निशानी है,
उसे दिल पर नहीं लेना..
उसे कहना प्रेम की आशंसा उन्ही से होती है
जिन से आस होती है
हाँ जिन से आस होती है
वह अपने खास होते है।

- अनसारी सूफिया

कोरोना के वजह से नहीं जा पा रहे हो
बाहर घूमने किसी के साथ,
तो थोड़ा समय गुर के देखो
परिवार के साथ।
इनके दिलो में है आपके लिए
ढेर सारा प्यार,
यह बनेंगे इस मुश्किल घड़ी मे
आपके सच्चे यार।
अपनाओ सोशियल डिस्टेंसिंग
इस प्रकार,
की कभी ना बन सको कोरोना
के शिकार।
रखो देश की सुरक्षा का मान,
और बनो मोदीजी की शान।
जय हिंद।
जय भारत

गइल

में समेट रहा हूँ खदको धीरे-धीरे
वो आयेगा और बरबाद कर जायेगा
वो बहोत खुश रख रहा है मुझे आज कल,
और फिर एक दिन उदास कर जायेगा
में चाहता तो उसे रोख भी लेता
लेकिन रोखूँगा नहीं और वो चला जायेगा
में उसको चाहूँगा तो हद कर दूँगा
वह मुझे चाहेगा तो हादसे गौर जायेगा
तो मनाये रो वो मानेगा नहीं
और वो मनाये तो तू फौरन मान जायेगा
तू आया है तो अकेले ही जायेगा
वो कहते है ना की अकेले आया है और अकेले
ही जायेगा
उसके सहारे तो तू आज जी लेगा
कल वो ना रहा तो तू कहाँ जायेगा
'शेहबार्' उसको भुलजा इसमें ही बेहतरी तेरी,
वरना याद कर करके तू मर जायेगा.

शेहबाज शेख

FYBCom

आपसे मिलना,
आपसे सिखना,
कहानियाँ समझना,
कहानियो मे बंध जाना,
जीवन को एक बार, सौ तरिके से जीना,
हर मौके को अपना बना लेना,
गिरना फिर संभल कर उठ जाना,
ये सब आपसे ही सिखा,
जिंदगी जब पुछे कि क्या पाया,
तब आपका नाम जुबा पर आया।

- भाग्यश्री

स्कूलवाला प्यार

क्या वो प्यार था, दोस्ती थी, या आर्कषण
क्या था वो पता नहीं पर वो स्कूलवाला प्यार था.
जीसे देख चलने की गती बढ जाती थी
तो कहीं दौडते हुए भी रुक जाते थे
जीसे देखोतो पे एक नादान सी मुस्कान आ जाती थी
तो कहीं प्रेअर में अपनी क्लास में से उनको धुंडती अपनी आँखे
कहीं इतवार खतम होने की दुआ मांगते तो कहीं
छुट्टीयाँ कितनी लंबी हैं उसकी शिकायते
तो कहीं वो चलकर बस स्टॉप ता आते
फिर पहली बस छोड दुसरी पकडते
फिर वो स्कूल खतम हो गई उसके साथ खतम
हुआ तो प्यार धुँधली पड गया वो स्कूलवाला प्यार
आज बैठता हूँ अकेले तो पुछँता हूँ आपने आपसे
क्या था वो प्यार, दोस्ती, या आर्कषण?

मितेश राठोड

एक पुराना अल्बम

एक पुराना अल्बम ना जाने कितना संभालकर
रखता है बचपन की नादानी,
तो कही जवानी का जोश, यारों की यारी
वो पहले प्यार की खुशी,
तो कहीं जुदाई का गम
वो फोटो ना जाने कितना कुछ कहे जाता है
ना बोले भी उसे वक्त में दुबारा ले जाता है
खुद स्थीर रहेकर हमें पिघलाता है
जीसे मोम की धार
कहीं आँख भिगोकर तो कही हँसा कर
दुबारा करता है उस शान से प्यार,
हमे भेज कर बीते समय में
खुद आगे पलट जाता है
धीरे धीरे खतम होकर खुद बंद हो कर
कहीं एक स्मीत छोड जाता हैं
एक पुराना अल्बम ना जाने कितना
संभाल कर रखता है।

मितेश राठोड

जिंदगी

तेरी आँखों में अपने आप को जरा खुबसुरत
देख रहा हूँ मैं
अपने बतमिझ सपनों में तेरे भोले सी सुरत का
ख्वाब देख रहा हूँ मैं
ये मोहब्बत है या बस एहसास,
जीतनी तू अपने आपसे दूर हैं उतनी ही तू मेरे पास
जन मामुली नहीं है, मामुली से कुच जादा खास
वो जो राते तेरी यादों में बीता रहा था
तुझसे एहसास जाता ना मैं अब बीता रहा हूँ
तेरी आँखोंने इश्क करना सिखाया है,
और तेरी मुस्कान ने उसको निभाना
तेरे हाथ थाम के आग और पानी का संगम
होते देखा है खुदको सकती से धीरे-धीरे पिगल ते देखा हैं।

सचिन मालकर



उन जमाने से आगे चल रही हो तुम
क्यु जमाने से पहले खुद को बदल रही हो तुम
तुम्हारी मासुमियत पे ही तो मरा करते थे हम
तुम्हारी मासुमियत पे ही तो मरा करते थे हम
और आज लोगोंके दिल तबाह कर रही हो तुम
तुम्हारी महक अलग है, चाल भी
तेवर अलग है, और रुबाब भी
तुम मुझे देखे बिना ही मुझे पढ लेती हो
उन मेरे सामने ही उसका हात थाम लेती हो
खुदाके वास्ते, खुदाके वास्ते बदलो मत
खुदको क्योकी फिर मैं ये आके वो हँसी
और ये चेहरा भुला नहीं पाऊँगा
अगर तुम ही चली गई तो
शायद ही फिर कभी मोहब्बत कर पाऊँगा।

सचिन मालकर



वाकिफ नौजवान

मैं हिंदू नहीं, मैं मुसलमान नहीं, मैं इस देश का नौजवान हूँ ।
मैं शीख नहीं, मैं ईसाइ नहीं, मैं इस देश की नौजवान नामक जान हूँ ।
वाकिफ हूँ मैं इन डागो से, वाकिफ हूँ इस दहशत से, मैं इसलिए कह रहा हूँ ।
मैं हरा नहीं, मैं भगवा नहीं, मैं अपने झंडे में इन दोनों को,
बांधते सफेद शांती का प्रतीक हूँ।
मैं गांधी नहीं, मैं गोडसे नहीं, मैं अमान की मशाल हूँ ।
मैं हिंदू नहीं, मैं मुसलमान नहीं, मैं इस देश का नौजवान हूँ ।
वाकिफ हूँ मैं तुम्हारे काले इरादों से,
वाकिफ हूँ मैं उन लायब्रियों की काली जाली किताबोंसे
वाकिफ हूँ मैं कश्मीर के सारे नजरबंद ठिकानोंसे
वाकिफ हूँ मैं गुजरात को दुनिया से चुपाती दिवारों से
डागो मे जले उनचास शरीरोंसे
उनसे जुडी उनचास परीवारोंसे
अपने आझादी के हक के लगातार बहिष्कारों से मैं वाकिफ हूँ
इसलिए कह रहा हूँ हम एक दिन मौन छोड उठेंगे
वाकिफ नौजवान सब जुड़ेंगे
नारोंसे देश को सच बताया जायेगा
अपने लोकतंत्र को आजाद लेहराया जायेगा
क्योंकी शायद मैं गांधी नहीं मैं गोडसे नहीं
पर मैं देश को बनाते अब्दुल कलाम से वाकिफ हूँ
इसलिए कह रहा हूँ
क्योंकि में हात नहीं लेकिन मैं सिर्फ कमल भी नहीं
मैं पुरा बाध हूँ मैं कल नहीं मैं आज नहीं मैं
मैं जनता का बेटा खून लाल नहीं
मैं अमान की सफेद मशाल हूँ
मैं हिंदू नहीं मैं मुसलमान नहीं
मैं इस देश का वाकिफ नौजवान हूँ।

Department Reports



Department of Botany



Workshop on Nanotechnology



Inauguration, Vruksham-21 Fest



Start up counter



Medicinal Plant Garden, SVV Campus



Workshop on Herbal formulation



Workshop on QA-QC of Ayurvedic formulation

Department of Zoology



Inauguration Annual Fest Zorilla



Study Tour to Rajasthan

Department of Zoology



Guest Lecture



Visit to BNHS



Workshop on Beekeeping



Zoo Club activity for Underprivileged Children

Department of Geology



Workshop on "Basics of Microsoft and ESS Login"



Quiz on Remote Sensing Satellites and Sensors



Talk on Classification of Sedimentary Basins of India



Annual Fest-ONYX

Department of Geology



Visit to Gargoti Museum, Nasik



Fieldwork Lignite Mines, Kutch

Department of Physics



Guest Lecture



RBPT Workshop



Team Building Workshop



Visit to IUCAA and University of Pune



National Conference



Light Show

Department of Maths



Visit to IISER, Pune



Talk on Indian Women and Mathematics



Workshop on SAGE Software



Industrial Visit

Department of Statistics



Celebration of National Statistics day



Guest Lecture



Hands-on training workshop on Python



Department Fest

Department of Chemistry



RBPT Workshop



Seminar on Women Hygiene



Industrial Visit to NCL



Solid State exhibition



Workshop on Chemdraw



Lecture series learn from Stalwarts



Open day IWSA



Student Solar Cell Ambassador

Department of Microbiology



Workshop on Basic Molecular Biology techniques



Bioinformatics Workshop



RBPT Workshop



Visit to Nipah Winery



Entrepreneurship Activity



Visit to Advanced Enzyme



Visit to Bombay Veterinary College



Microscope

Department of Accountancy & Economics



Arthalekha Event



Industrial Visit



Industrial Visit



Visit to Bombay Stock Exchange

Department of Commerce



Annual Fest Inauguration



Community work Rakshabandhan celebration



FDP on E-Content Development



Visit to Sai Care Old Age Home

Department of CS & IT



Workshop on AI and Machine Learning



I-Senso Robotics Workshop



Flutter Workshop



Workshop on Me & Corporate

Department of Accountancy

Arthalekha Event

Two events pirates of accountancy (quiz based competition) and warren buffet (stock market event) organized on 16/12/2019 in Seminar Hall from 8.30 am onwards.

Career Development Event

On 5th February 2020, Department of Accountancy has organized a talk on "Making a Successful career in Accounts & Finance" by ICA EDU SKILLS which is attended by 112 students of T.Y.B.com. in seminar hall. The lecture was delivered by Mr. Gaurav who is faculty of ICA.

Budget 2020-21 Analysis

Department Of Accountancy organized a lecture on "Union Budget-2020 Analysis" on 12th Feb 2020. The guest speaker was CA .Trupti Rane SEBI Regd. Investment Advisor having more than 20 years of experience in the field.

Industrial Visit

Department of Accountancy organized Industrial Visit to Jodhpur & Jaisalmer for Under Graduate and Post Graduate Students during 9th February 2020 to 14th February 2020.

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Department of Biochemistry

S. No.	Date	Event	Resource Person	Organised by	Venue	No. of students/ beneficiaries
1.	10 th July 2019	Alumni talk titled "Certificate courses in food sector"	Mr. Kunal Palan & Drashti Shah Alumni	Department of Biochemistry	Biochemistry Laboratory	20 students
2.	23 rd July 2019	workshop on "Hydroponics and Aquaponics"	Mr. Vijay Yelmalle Proprietor, 'Center for Research in Alternative Farming Technologies' (CRAFT) Kharghar, Navi Mumbai - 410210	Department of Biochemistry	Biochemistry Laboratory	52 students and four teachers
3.	29 th and 30 th July 2019	FoSTaC Level II (Advance) Food Safety Supervisor- Manufacturing and Catering training and Certification of FSSAI, Government of India	Mr. Satish Gupta, Principal Assessor/Food Scheme Manager, Indian Register Quality Systems (IRQS)	Department of Biochemistry	Biochemistry Laboratory	Total 32 students from the departments of Biochemistry Microbiology, Biotechnology, Botony and Neutraceuticals Total 6 teachers from Biochemistry, Biotechnology and Neutraceuticals

4.	19 th December 2019	Annual Festival "Health Fair 2019-20" and Nutritional awareness		Department of Biochemistry	Biochemistry laboratory, Classroom 101, Seminar Hall, KJSSC, Chemistry laboratories	Total 130 students from different colleges in Mumbai
5	20 th December 2019	Talk titled "Lifestyle & Ayurveda" under Swasthya Mahotsav 2019	Dr. Chetan Vedpathak, Proprietor "SWASTHYAM"	Department of Biochemistry	Seminar Hall, KJSSC	68 students, 4 teachers
6	20 th December 2019	Talk titled "Eye (I) can see" under Swasthya Mahotsav 2019	Dr. Minu Ramkrishnan Head, Department of Ophthalmology, K. J. Somaiya Medical College	Department of Biochemistry	Seminar Hall, KJSSC	68 students, 4 teachers
7	20 th December 2019	Talk titled "Stress Management" under Swasthya Mahotsav 2019	Dr. Sushma Sonavane, Psychiatrist, Lokmanya Tilak Medical College	Department of Biochemistry	Seminar Hall, KJSSC	68 students, 4 teachers
8	21 st December 2019	Talk titled "U turn to health" under Swasthya Mahotsav 2019	Mrs. Fatima Kader, Nutritionist and Assistant Professor, Nirmala Niketan College of Home Science	Department of Biochemistry	Seminar Hall, KJSSC	80 students, 4 teachers
9	21 st December 2019	Talk titled "Silent killers in medicine" under Swasthya Mahotsav 2019	Dr. Avilash Tiwari, Cardiologist	Department of Biochemistry	Seminar Hall, KJSSC	80 students, 4 teachers
10	20 th and 21 st December 2019	Workshop on "Fitness Food-Alternative to Junk"	Chef Ajinkya Parab, Hotel LaMafia	Department of Biochemistry	Biochemistry Laboratory	25 students and 4 teachers
11.	20 th and 21 st December 2019	"Routine Biochemical tests packages" under Swasthya Mahotsav 2019	In collaboration with Parel Diagnostic Laboratory	Department of Biochemistry	Room Department of Biochemistry	Total 67 people including students enrolled and got tested.

Department of Botany

Workshop on Nanotechnology

Workshop on Synthesis and Applications of nanoparticles in Agriculture, Medicine and cosmetics was organized on 29th June 2019. Ms. Bhakti Hirani (Expert-Nanotechnology, Pillai College, New Panvel) was called as a resource person. 21 students attended the workshop. This workshop was conducted in common instrumentation laboratory on 6th floor of KJSSC engineering building.

Departmental Fest- Vrukshamitiau-shadhim...!

It was celebrated on 8th and 9th January 2020. Several intercollegiate competitions viz., Zayqa, Jugad, Rang de, Klik it and Treasure hunt was organized during event. The fest was inaugurated by Dr.Suman Govil (Retd. Advisor-STAR DBT Scheme, UGC, Dept. of Biotechnology). She presented various career branches in biological sciences to the students. Dr.Suman Govil madam also guided them about resume writing and how to apply for a post. Dr.Suman Govil madam enlightened the students about current trends in employment. She also gave valuable tips on clearing the interview.

Start-up counters

As a part of departmental fest; students have taken initiative to make commercial products from Horticulture and Nursery industry, Herbal cosmetics and food industry. These were display as start-up counters. This activity helped to develop entrepreneurial skills among students. Products like Biofertilizer, Potted medicinal and Air purifying plants, Herbal oil, Lip balm, Dry ginger, Amla Candy were most popular and sold at higher quantity. Mr. Yogesh Sarvankar displayed his counter of mushroom- as entrepreneur Alumni.

Medicinal plant garden

Medicinal plant garden was set up under STAR-DBT Scheme by TYBSc Botany students. Few valuable plants like Bharangi, Vekhand, Arjun, Karpurtulsi, Jaiphal, were potted and maintained in this garden.

The plants are tagged with QR Code which gives details about scientific information and medicinal uses after scanning.

Industrial visit and Social outreach at Sameerwadi

Industry visit for TYBSc Botany students was organized at Belgaum and Sameerwadi under STAR-DBT Scheme. ICMR-NITM and S. Nijalingappa sugar institute (Affiliated to Rani Chennama University, Bengaluru, Karnataka) was visited by the students. Sameerwadi Students were exposed to technology of Sugar production. They have also visited the alcohol distillery, biofertilizer unit and cogen sections of Godavari Biorefinary, Karnataka. Students were explained about breeding of sugarcane by plant tissue culture technique at KIAR.

Our students took the initiative and demonstrated the preparation of herbal sanitizer, herbal oil, and mushroom cultivation to the CBSE School children at Sameerwadi as a part of social outreach programme. School children and faculty of CBSE School were guided about designing of Bottle garden with air purifying plants.

Workshop on Herbal formulations

Dr.Sucheta Seth (Head, Dept. of Dravyaguna, Mittal College, Mumbai) was invited for the workshop on "Herbal formulations". 10 students were enrolled for the workshop. Hands-on training of Ayurvedic formulations was given to participants.

During practical session, students are exposed to actual preparation of herbal medicines. Chyavanprash, Hinguashtak churna, Sitopaladi curna and various Rasa's of Moong, Adhatoda were made by the students under her guidance.

Workshop on QA-QC of Ayurvedic formulations

Mr. Pratish Likhite (Analyst. Sr. Manager- Cipla Ltd., Mumbai) was invited as

subject expert for a workshop on QA-QC of Ayurvedic formulations. He enlightened students about routine analytical tests to be performed for determining the quality of

Chyavanprash, Sitopaladi churna and Vasica Syrup. He explained the analysis of sugar, ascorbic acid and vasicin using chromatography technique.

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Department of Business Communication

Faculty : Dr. Hemangi Bhagwat, M.A., M.Phil., Ph.D., D.C.J

I) Workshops conducted/organized:

- i) Conducted workshops on Group Discussion and Interview Techniques for students of Zoology, Geology, Chemistry, Botany, Biochemistry, Mathematics and Statistics in June and July.
- ii) Organized a residential staff training program for newly recruited staff on 16-17 July 2019. 50 staff members attended the same.
- iii) Organised a workshop on Interview Techniques by Dr Poonam Ojha, Visiting faculty at NMIMS for students on 19th June 2019.
- iv) Organized a teacher training workshop by Nicholas Reishus, Language fellow, U. S. Consulate on 14th December 2019 for the teachers of English from Somaiya Campus.
- v) Organised 2 certificate courses on communicative English and Employability Skills, of 60 hours each between 27th January to 9th March 2020, in association with U. S. Consulate. Mr. Nicholas Reishus, Language Fellow, U. S. Consulate, was the resource person.

II) Workshops attended

- i) Attended a workshop on Technology and Language organized by Lala Lajpatrai College on 2nd January 2020.
- ii) Attended a workshop on IPR and Research Ethics at K.J. Somaiya College of Arts and Commerce on 14th February 2020.

iii) Participated in a workshop on Mind Management and Health Capsule Program at Bhawans College, on 29th February 2020

III) Research

- i) Ms Kirti Nakhare was awarded Ph D in December 2019.
- ii) A Paper entitled "Mirage of Distance in Amitav Ghosh's Shadow Lines" was published in Research Chronicle in January 2020 along with Bhavisha Shah.
- iii) Two students were registered for Ph.D in 2019.

IV) University Assignments

- i) As a VC nominee subject expert attended as a member, selection committee at Bhawans College, DAV College and Ruia College.
- ii) As a Vc nominee, attended as a member of scrutiny committee for career advancement at Mithibai College and Vivek College
- iii) Invited as a judge at Avishkar Research Competition for the postgraduate category

V) Contribution to College:

- i) Member, Academic Council, Chairperson, BOS, Business Communication.
- ii) Convenor, Women Development Cell.
- iii) Member, Information Cell.
- iv) Invited as a judge at samvaad-an intercollegiate competition by NSS unit on 8th February 2020.

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Department of Business Law

The Department of Law observed World day against Trafficking in Persons on 30th July 2019 in the KJSSC seminar Hall The speaker for the day was Ms Amrit Kaur Jagdev Associate Director International Justice mission, an international NGO.

Dr. Archana Padgaonkar, Department of Business Law and Dr Seema Sambrani were faculty co-ordinators for a Two Day Training Programme on 'Campus to Corporate' in association with Makeintern and E-Cell (IIM Calcutta Event) scheduled from 27th-28th January 2020.

The Department of Business Law and the NSS unit of K.J.Somaiya College of Science and Commerce jointly organized a talk on 20th January 2020 on the topic The Citizenship (Amendment) Act, 2019 : The Law and its Impact by Prof Rajadhyaksha Ex Dean of Law, University of Mumbai and Ex Principal New Law College, Mumbai.

The Department of Business Law and Lifelong Learning & Extension along with the NSS And NCC Unit of K. J. Somaiya College of Science and commerce celebrated the 'Democracy Fortnight'. The celebration commenced on 03rd February 2020 with the inauguration in the KJSSC seminar hall in the presence of Mr Devendra Bhujbal, DGIPR Government of Maharashtra along with Mrs Ashatai Bhujbal. Mr. Bhujbal addressed the gathering on the "Role of Youth in Democracy" and the various styles of governance adhered globally and how democracy gives freedom to every Indian

citizen by enjoying fundamental rights guaranteed by the constitution of India. Mrs. Ashtai Bhujbal, a cancer survivor appealed to the students to be socially active and the best way to achieve this objective is to stay connected with your friends who contribute immensely in filling the void in one's life. A poster competition on the said theme was organized during the celebration. The Valedictory function was held on 07th February 2020 in the KJSSC seminar hall to initiate the campaign on 'Women in Governance' and the speaker for the day was Dr. Vinita Pimpale, Associate Professor, R. A. Podar College of Commerce and Economics. Vinita Madam spoke about the status of women then and now. She categorically mentioned the ratio of male to female CEOs all over the world. Madam also spoke about the role of the Government in reserving posts for women in order to encourage women empowerment. She also made a special mention that though women today are given economic independence but they still are still denied decision making power and one needs to ponder on this issue. Madam also judged the posters exhibited on the said theme.

On the occasion of 'International Women's Day' the Department of Business Law K. J. Somaiya College of Science and Commerce and Kishinchand Chellaram Law College jointly organized a One Day National Conference on Human Rights of Women: Contemporary Issues & Challenges on 09th March 2020 at K.C. Law College.

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Department of Chemistry

Sr. No.	Title	Activity	Date	Venue	Partici- pants	No. of Participants
1.	RBPT workshop	Research Based Pedagogy Tools workshop was organized for TYBSc. Students. Dr. Jitendra Pendharkar, Assistant Professor, from Physics Department, KJSSC was the resource person. Students were inspired to do different projects apart from their syllabus with full enthusiasm.	19-20/06/ 2019	Department of Physics	TYBSc	100
2.	RBPT workshop	Research Based Pedagogy Tools workshop was organized for SYBSc. Students. Dr. Jitendra Pendharkar, Assistant Professor, from Physics Department, KJSSC was the resource person. Students were inspired to do different projects apart from their syllabus with full enthusiasm.	14-15/06/ 2019	Department of Physics	SYBSc	140
3.	Women hygiene seminar	Dr. Veena zaveri MD DGO consulting gynaecologist was the resource person. This seminar was arranged to make the TY girl students aware of the importance of good hygiene and also to have a healthy diet.	29 th June 2019	Chemistry seminar hall	TYBSc.	30
4.	Workshop on Gender Sensiti- zation	The session was conducted by the members of BSS. The members enacted situations depicting women as victims of both domestic violence and sexual harassment at workplace with the sole objective to create awareness about women as still victims of gender discrimination.	28 th August 2019	Seminar Hall, KJSSC	FYBSc, SYBSc, TYBSc	120
5.	Exhibition on Stereo- chemistry models.	M.Sc. students of Organic Chemistry presented stereochemistry posters and models using ear buds, ball and stick models, paper models and various other materials.	19 th September 2019	Laboratory 4 and 5, Chemistry Department	UG and PG	80

6.	Industrial Visit to NCL, Pune.	Intention of the visit was to introduce the students to the techniques that are applied from the industrial point of view in polymer processing and testing.	10 th June 2019.	CSIR NCL	PG	24
7.	Solid State exhibition	M. Sc. students of Inorganic Chemistry presented Solid state chemistry posters and models using ear buds, ball and stick models, paper models and various other materials.	27 th August 2019	Laboratory 4 and 5, Chemistry Department	UG and PG	200
8.	Guest Lecture	Dr. Achala Danait, Vice President-Innovation and Research Clariant Chemicals, has given in sights on the Industrial scenarioo including Job Profile requirements, competitiveness, industrial ambiance, In plant training exposure and questions related to the job opportunities etc.	26 th August 2019	Chemistry Seminar Hall	PG	36
9.	Workshop on chem-draw for TYBSc. Students	Dr. Saurabh Shete conducted the workshop. The students were taught how to draw structures of organic molecules using Chem-sketch Draw software. All the students of TYBSc (6 units) attended the workshop.	17 th , 19 th , & 20 th July 2019	Computer lab, 6 th floor New Engineering building	UG	98
10	Workshop on Basic aspects of laboratory safety and handling and disposal of hazardous chemicals.	This workshop was organized for SYBSc.(chemistry) students to promote safety awareness and encourage safety working practices in laboratories. It was conducted by Dr. Dinesh Navale, Asst. Prof. VES college.This workshop gave an overview of the practical and regulatory measures to students for the prevention of accidents.	17 th June 2019	Ground floor Room No. 001, KJSSC	UG	99
11	Industrial training at CIPET	Department of chemistry has organized an industrial visit for MS-II polymer science students in CIPET. The main objective of this	22 nd to 27 th July 2019 (6 days)	CIPET, Department of chemicals & petro-chemicals,		

		industrial training was to provide the students an opportunity to tests their interests in various streams.		ministry of chemicals & fertilizers, Govt. of India. Aurangabad	PG	24
12	Workshop on Schrodinger software training (Under CPE)	It was conducted by resource persons from schrodinger Inc. Bangalore. This was organized for teachers of chemistry, biochemistry, and all biological sciences. Hands on training on module glide was given to the teachers. The software is useful for drug design and hence can be used for predicting the drug likeness properties of synthetic molecules.	12 th and 16 th July 2019	Room No. 302, Annexe Bldg, K. J. Somaiya College of Engineering	Faculties	14
13	Communication skills workshop for TYBSc.	The dept. of chemistry organized a workshop on communication skills for TYBSc. Students by Dr. Hemangi Bhagwat Asso. Prof. KJSSC. It was to make the TY studenys aware of good reading, writing, speaking & listening skills are essential if tasks are going to be completed & goals achieved.	26 th & 28 th June 2019	Chemistry Seminar hall	UG	60
14	Lecture series "Learn from stalwarts"	The lecture series was organized for UG, PG and teaching staff. During the session various elite researchers & academician from premier institute i.e. BARC, IISER, Pune& IIT Mumbai have delivered lectures & make the students motivated towards the research & thorough on various topics. This also includes carrier concealing for PG students.	10 th & 11 th Feb 2020	Seminar Hall KJSSC	UG, PG, Teaching Staff	90
15	Guest lecture on "Chemistry & Society"	Guest lecture on Chemistry & society by Dr. Ganesh Naik. His session includes critical skills required in today's work environment.	27 th June 2019	Seminar Hall KJSSC	UG, PG	70

16	CONTECH-19/20	National Level Concept Test in Chemistry (CONTECH-19/20) for the undergraduate students with Chemistry as on of the subject	31 st January, 2020	6 th Floor, Engineering College	UG	228
17	Open day at SDSOS, NMIMS – Experimental demonstration	Students attended workshop titled as “Synthesis of Nano particles”. Also they visited instrumentation lab. They have given demo of HPLC, GC, FTIR, UV Spectrometer, and centrifugation.	13 th Dec. 2019	NMIMS College, Viley Parle.	UG	10
18	Spectroscopy workshop	Prof. Dr. P. S. Kalasi was invited as Guest speaker for this workshop. TYBSC & M.Sc. Part I students attended the workshop.	26 & 27 th Feb 2019	Seminar Hall KJSSC	UG, PG, Teachers	140
19	Workshop on Stereochemistry	Dr. Sushil Kumar Dhanmane was invited as Guest speaker for this workshop. TYBSC & M.Sc. Part I students attended the workshop.	18 th Feb 2019	Seminar Hall KJSSC	UG, PG, Teachers	100
20	Session on food adulteration.	Dr. Chitra Kamath and Mr. Jaidip Wable conducted a session on food adulteration along with two M.Sc. Part I. 8 th class students were actively participated. Around 20 food adulteration kits were distributed to school.	2 nd Jan 2020	ZP school Dahanu (Dhundhalwadi)	Std 8 th Students	60
21	Placement drive	Online test was arranged For M.Sc. students for placement in Asian paint company. Out of 32 students 2 were selected for interview.	15 th Nov 2020	Computer lab 6th Floor	PG	32
22	Open day IWSA	It was exhibition containing models & posters on the work carried out by The Department of Atomic Energy and posters on the research in various areas of science. Students attended lectures delivered by Dr. Debjani Das Gupta DY Patil university on smart materials.	18 th Jan 2020	IWSA, DAE, Vashi, Navi Mumbai	UG	89

23	E-content	It was a faculty development programme carried out by department of chemistry in collaboration with commerce with IQAC. It focused on how to develop e-content.	28 th & 29 th 2020	Seminar Hall KJSSC	Faculty	59
24	Aptitude test in chemistry by Indian Chemical Society	Purpose of this exam is to prepare students for various competitive exams in chemistry.	15 th Sep. 2019	Ruia College	UG,PG	30
25	Guest lecture on "Career opportunity"	Dr. Ranjan Mopgre an alumnus of 1979 batch delivered a talk to the UG students about career opportunities in pharmaceutical horizon.	22 nd June 2019	Seminar Hall KJSSC	UG	56
26	Inauguration of Rasayan Guest lecture by Dr. A. K. Tyagi on periodic table of elements.	On the inauguration of Rasayan2019 guest lecture by Dr. A.K. Tyagi on periodic table of element-An incredible journey with numerous milestones. An insight light on research and development on elements.	21 Sep 2019	Seminar Hall KJSSC	UG	58
27	Rasayan An Inter-collegiate fest	It was an intercollegiate fest. In which various competitions were organized by the students for the students based on chemistry theme. Chief guest was Prof. B. M. Bhange sir	7 th Dec 2019	Seminar Hall KJSSC	UG, PG	90
28	Communication skills	It was a two day Induction programme on communication skills organized by department of business communication in association with Rambhau Mhalgi Prabodhini	13-14 July 2019	Rambhau Mhalgi Prabodhini	Faculty	11
29	Industrial visit	A) TYBSC. Students did industrial visit to Silvasa-Biscuits manufacturing Parle G & Textile industry-Alok Industry	24-25 th Jan 2020	Silvasa	UG	55

		B) M.Sc. Part I students did industrial visit to NOI, Goa university, Goa dairy, Solid waste management, Goa.	11 th to 15 th Feb 2020	Goa	PG	42
30	Poster Exhibition by FYBSC students on IYPT 2019.	It was a poster Exhibition competition by FYBSC students on account of International year of periodic table 2020. Where students exhibited different properties of elements in the periodic table.	15 th Feb 2020	Chemistry department KJSSC	UG	30
31	Online International short term course – IYPT 2019 program	It was a three month online international short term course To celebrate International year of periodic table 2020 jointly organized by IARC, UNESCO, IYPT 2019. College co-ordinator Mr. Jaidip Wable.	15 October 2019 to 15 Jan 2020	KJSSC	PG	122
32	Use of Ostwald's Viscometer	FYBSC chemistry students measured the viscosity of various organic liquids using Ostwald's viscometer under STAR DBT scheme.	27 to 31 Jan 2020	Chemistry Lab	UG	400
33	IANCAS	One day workshop on recent trends in nuclear sciences & societal applications. Organized by department of Chemistry KJSSC and IANCAS BARC	25 Jan 2020	Kalidas hall KJSSC	UG, PG	120
34	Student Solar Cell Ambassador	Students were trained to assemble solar lamp which were lightened on 2 nd Oct to celebrate 150 th birth anniversary of Mahatma Gandhi.	2 nd Oct 2019	Gargi Plaza K. J. Somaiya Engineering College	UG, PG	100
35	ByoEdu 2019	Attended workshop & conference on Byo similar eco system where students were exposed to advanced analytical technique.	29-30 Nov 2019	DY Patil University, Navi Mumbai	UG	05
36	Womens day celebration	Exhibition of Posters on the occasion of Women day	7 th March 2020	Chemistry department	UG	12

37	NET/SET Coaching	Department of Chemistry conducted lectures for NET/SET exams for post graduate (PG) students. This lecture series is a big boost for the the students to improve in the subject and to assess their conceptual understanding in chemistry. Dr. Nanabhau B. Karanjule delivered lecture.	13,20,27 Aug 2019	Chemistry department	PG	30
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Faculty Participation/Achievements

Sr. No.	Name of Faculty	Achievement	Date
1.	Dr. Vanita	a) Granted recognized as a teacher to guide students for PH.D b) Successfully completed Online International Short term course IYPT 2019. c) Attended & participated in the DAE theme meeting commemorating "150 Glorious Years of Periodic Table"	19 Aug 2019 15 October 2019 to 15 Jan 2020 27 th Nov 2019
2.	Dr. Chitra Kamath	a) Participated in the Advanced Schrodinger Workshop at schrodinger office, Bangalore b) Successfully completed Online International Short term course IYPT 2019 c) Participated in the ByoEdu 2019 workshop & conference d) Attended & participated in the DAE theme meeting commemorating "150 Glorious Years of Periodic Table e) Conducted a session on food adulteration at Dahanu (Dhyndhalwadi) NSS camp. f) External Evaluation of M.Sc. (chemistry) thesis. g) Attended two day National level faculty development programme on E-content development	4-7 June 2019 15 October 2019 to 15 Jan 2020 29-30 th Nov. 2019 27 th Nov 2019 2 nd Jan 2020 6 th June 2019 28-29 Feb 2020
3.	Dr. Afsar Ali Siddiki	a) Annual refresher programme in Teaching by ARPIT. b) Successfully completed Induction Programme held at IISER Pune. c) Granted recognized as a teacher to guide student for the M.Sc. degree in the subject of organic chemistry. (By research) and (By Papers) d) Successfully participation in Two-Day Induction Programme on communication skills. e) Participated in the workshop on "Avishkar Research convention 2019-20"	Feb 2020 1 st to 25 th May 2019 3 rd July 2019 13 th to 14 th July 2019 16 th Aug 2019
4.	Mr. Jaidip Wable,	a) Successfully completed Online International Short term course IYPT 2019. b) Conducted a session on food adulteration at Dahanu (Dhundhalwadi) NSS camp. c) Successfully completed Induction Programme held at IISER Pune.	15 Oct. 2019 to 15 Jan 2020 2 Jan 2020 1 st to 25 th May 2019

		<p>d) Participation in Regional Orientation session on IIC 2.0 & ARIIA 2020.</p> <p>e) Successfully completed six days workshop on Statistical Analysis with hands on training in SPSS equivalent to two credits.</p> <p>f) Successful participation in Two-Day Induction Programme on communication skills</p> <p>g) Participated in the workshop on “Avishkar Research convention 2019-20”</p> <p>h) Co-ordinator for workshop on “ Avishkar Research convention 2019-20”</p> <p>i) External Practical Examiner at Modern College vashi</p> <p>j) College co-ordinator for IYPT online international short course.</p>	<p>19th August 2019</p> <p>19th-25th June 2019</p> <p>13th- 14th July 2019</p> <p>16th August 2019</p> <p>16th August 2019</p> <p>18-19 Oct 2019</p> <p>15 Oct 2019 to 15 Jan 2020</p>
5.	Mrs. Madhavi Kate	<p>a) Attended & participated in the DAE theme meeting commemorating “150 Glorious Years of Periodic Table”</p> <p>b) Successfully completed Online International Short term course IYPT 2019.</p> <p>c) Attended one day workshop on Moodle at KJSSC.</p>	<p>27th Nov 2019</p> <p>15 October 2019 to 15 Jan 2020</p> <p>3rd May 2019</p>
6.	Dr. Yogesh Ghalsasi	<p>a) Participated in the Reforms in Higher Education organized by UGC WRO, Pune.</p> <p>b) Attended two day National level faculty development programme on E-content development</p>	<p>19-20 Aug 2019</p> <p>28-29 Feb 2020</p>
7.	Dr. Nana-bhau K	<p>a) Participated in the workshop on “Microscale techniques in Chemistry”</p> <p>b) Successfully completed Online International Short term course IYPT 2019.</p> <p>c) Completed refresher course in Chemistry</p> <p>d) Participated in the short term course in E-content development</p> <p>e) Granted recognized as a teacher to guide student for the M.Sc. degree in the subject of organic chemistry. (By research) and (By Papers)</p> <p>f) Successfully participation in Two-Day Induction Programme on communication skills.</p> <p>g) Participated in the workshop on “Avishkar Research convention 2019-20”</p>	<p>12th& 13th Dec. 2019</p> <p>15 October 2019 to 15 Jan 2020</p> <p>31st Oct to 13 Nov 2019</p> <p>19 Nov. to 25th Nov 2019</p> <p>3rd July 2019</p> <p>13th to 14th July 2019</p> <p>16th Aug 2019</p>
8.	Ms. Meena-kshi Wagh	<p>a) Secured 3rd position in 400 M at staff athletics season 3.</p> <p>b) Secured 3rd position in shotput (women 36-40 age group) at the staff athletics season 3</p> <p>c) Attended National conference on Recent Advances in synthesis, characterization techniques & applications of materials.</p> <p>d) Successfully completed Online International Short term course IYPT 2019.</p>	<p>3rd & 4th Dec. 2019</p> <p>3rd& 4th Dec. 2019</p> <p>29th-30th Nov. 2019</p> <p>15 October 2019 to 15 Jan 2020</p>

		<p>e) Successful participation in Two-Day Induction Programme on communication skills.</p> <p>f) Participated in the IARP workshop on “Beneficial effects of radiation & Indian Nuclear Energy Programme”</p> <p>g) Attended one day workshop on Moodle at KJSSC</p> <p>h) Attended two day National level faculty development programme on E-content development</p>	<p>13th to 14th July 2019</p> <p>14th Sep 2019</p> <p>3rd May 2019</p> <p>28-29 Feb 2020</p>
9.	Dr. Aniket	<p>a) Worked as Mentor in Science Exhibition at Bimanagar Education Society Madhyamik Vidyalaya & Junior College (Commerce)</p> <p>b) Won Man of the Match in Leather ball cricket tournament in TOSS 2020.</p> <p>c) Participated in the short term course in E-content development</p> <p>d) Completed NPTEL Online certification course in Coordination chemistry.</p> <p>e) Granted recognized as a teacher to guide student for the M.Sc. degree in the subject of organic chemistry. (By research) and (By Papers)</p> <p>f) Successful participation in Two-Day Induction Programme on communication skills.</p> <p>g) Successfully completed refresher course in chemical, physical and material sciences.</p> <p>h) Attended one day workshop on Moodle at KJSSC.</p> <p>i) Participated in the workshop on “Avishkar Research convention 2019-20”</p>	<p>12th Dec 2019</p> <p>9th Jan 2020</p> <p>19th Nov to 25th Nov 2019</p> <p>Jul-Oct 2019</p> <p>3rd July 2019</p> <p>13th to 14th July 2019</p> <p>14th to 27th June 2019</p> <p>3rd May 2019</p> <p>16th Aug 2019</p>
10.	Dr. Nishamol Kanat	<p>a) Successfully completed Online International Short term course IYPT 2019.</p> <p>b) Attended one day workshop on Moodle at KJSSC</p> <p>c) Attended two day National level faculty development programme on E-content development</p>	<p>15 October 2019 to 15 Jan 2020</p> <p>3rd May 2019</p> <p>28-29 Feb 2020</p>
11.	Dr. Veena Khilnani,	<p>a) Successfully completed Online International Short term course IYPT 2019.</p> <p>b) Annual refresher programme in Teaching by ARPIT</p> <p>c) Participated in “Streevimarsha-A Brainstorming on Indian Femisium”</p> <p>d) Attended two days national level faculty development programme on E-content development.</p> <p>e) Participated in the IARP workshop on “Beneficial effects of radiation & Indian Nuclear Energy Programme”</p>	<p>15 October 2019 to 15 Jan 2020</p> <p>Feb 2020</p> <p>30th Sep 2019</p> <p>28th-29th Feb 2020</p> <p>14th Sep 2019</p>
12.	Dr. Trupti	<p>a) Successfully completed Online International Short term course IYPT 2019.</p> <p>b) External Practical Examiner at SIES college</p> <p>c) Participated in One day National level Faculty development programme organized by library department theme on “UGC-CARE: Consortium for Academic & research Ethics”</p>	<p>15 October 2019 to 15 Jan 2020</p> <p>3rd Oct 2019</p> <p>9th Jan 2020</p>

		<p>d) Conducted Solar Cell Ambassador workshop at Dahanu (Dhundhalwadi).</p> <p>e) Completed NPTEL Online certification course in Coordination chemistry</p> <p>f) Participated as IQAC member for SWAGATAM- Induction programme for 1st Year students.</p> <p>g) Participated in workshop on "Training of Teachers (ToT) for student Induction Programme (SIP).</p> <p>h) Successfully participation in Two-Day Induction Programme on communication skills.</p> <p>i) Successfully completed refresher course in chemical, physical and material sciences.</p> <p>j) Attended one day workshop on Moodle at KJSSC.</p> <p>k) Participated in the workshop on "Avishkar Research convention 2019-20"</p>	<p>3 Jan 2020</p> <p>Jul-Sep 2019</p> <p>8th-10th July 2019</p> <p>6th to 8th June 2019</p> <p>13th to 14th July 2019</p> <p>14th to 27th June 2019</p> <p>3rd May 2019</p> <p>16th Aug 2019</p>
13.	Dr. Rohit Singh Chauhan	<p>a) Completed refresher course in chemistry & Bio-chemistry</p> <p>b) Oral presentation in the 14th International Conference on the chemistry of Selenium & Tellurium (ICCST-14)</p> <p>c) External Practical Examiner at Ramnarain Ruia Autonomous College</p> <p>d) External Practical Examiner at KBP College, Vashi.</p> <p>e) Awarded Dr. S. K. Somaiya award for Excellence in research Higher & Technical Education.</p> <p>f) successful participation in Two-Day Induction Programme on communication skills</p>	<p>17th to 1st Aug 2019</p> <p>3rd to 7th June 2019</p> <p>1st Oct 2019</p> <p>6th Dec 2019</p> <p>9th Sep 2019</p> <p>13th to 14th July 2019</p>
14.	Dr. Saurabh Shete	<p>a) Participated in the workshop on "Microscale techniques in Chemistry"</p> <p>b) Completed refresher course in Chemistry</p> <p>c) Granted recognized as a teacher to guide student for the M.Sc. degree in the subject of organic chemistry. (By research)</p> <p>d) Attended one day workshop on Moodle at KJSSC.</p> <p>e) Participated in the workshop on "Avishkar Research convention 2019-20"</p>	<p>12th & 13th Dec. 2019</p> <p>20th Sep to 3rd Oct 2019</p> <p>3rd July 2019</p> <p>3rd May 2019</p> <p>16th Aug 2019</p>
15.	Dr. Madhu Joshi	<p>a) Presented a paper at the International conference on coastal & inland water systems , CIS 2019 at Bhubaneswar.</p>	<p>16th-17th Dec. 2019</p>
16.	Dr. Sugandha Shetye	<p>a) Invited at Michigan state University, Michigan for visiting as a part of MSU-SVV global alliance on sustainable development.</p> <p>b) Worked as president in RSM 2020 at KC college.</p> <p>c) Organized aptitude test in chemistry through Indian chemical society at Ruia college.</p> <p>d) Invited foe panel discussion at Darwin, International conference to promote Biohacking movement in india</p>	<p>19 sep 2020</p> <p>29th Nov 2019</p>
17.	Dr. Amol Pawar	<p>a) Successful participation in Two-Day Induction Programme on communication skills</p>	<p>13th to 14th July 2019</p>
18.	Mr. Sarang Gujar	<p>a) Successful participation in Two-Day Induction Programme on communication skills</p>	<p>13th to 14th July 2019</p>

19.	Dr. Mithun Mondal	a) Successfully participation in Two-Day Induction Programme on communication skills. b) Participated in the workshop on “Avishkar Research convention 2019-20” c) Volunteering relief material collection drive.	13 th to 14 th July 2019 16 th Aug 2019 19 th to 21 Aug 2019
20.	Dr. Chandana Basu	a) Attended one day workshop on Moodle at KJSSC	3 rd May 2019
21.	Dr. Dilip Kumar Yadav	a) Completed refresher course in Chemistry	31 st Oct to 13 Nov. 2019

Department of Commerce

1) As a community work on 14th august, 2019, members of Commerce Club has initiated this activity as creating awareness among auto rickshaw drivers to protect against air pollution. In this view students met rickshaw drivers and tied them Rakhi on the occasion of ‘Rakshabandhan’ and distributed them masks. Students also explained them the impact of air pollution on their health and importance of using those masks.

2) On 10th august 2019 Commerce Club had organized a visit to Sai Care Old age home, Mulund. 35 students and 1 faculty member visited. NGO was founded by Mr. Vaibhav Desai. Students spent quality time with the senior citizens staying in the old age home. Students had a talk with them and learnt about their experiences. There were two centers, separate for male and female candidates. Students visited both the places. Students distributed roses and sweets and donated sugar and cooking oil.

3) On 23rd august, 2019, Workshop on “Honing Skills of Group Discussion” was organized by Mrs. Chitra Subramaniam, Vaze Kelkar College.

Following aspects were highlighted

1. How to begin with group discussion
2. How to initiate the views.
3. How to express positive and negative points about the topic given.
4. Conclusion to be given.

The workshop was followed by interaction with the resource person.

4) 16th September, 2019 Commerce Club has organized a “Talk on Corporate Etiquette and Communication”, by one of the college Alumni Mr. Swapnil Parshurami as a resource person. The highlight of the discussion was to make the participants understand the significance of the knowledge and understanding about the whole topic. The session was interactive where the speaker shared his experiences and students were motivated to share their experiences. He explained how the correct etiquettes can enhance the personality and give more confidence in presenting oneself. The speaker also discussed about the various aspects of corporate communication such as modes of communication, selecting the correct mode of communication depending upon the situation and its impact. The session was followed by question and answer.

5) Commerce Club organizes “Avsar- Kuch kar dikhane ka”, a Festival exclusively for giving exposure to skills and capacities of commerce students. The event was inaugurated by Commerce faculties at 8 am. As on 14th December, 2019 Various activities were conducted such as Essay competition, Poster making, Photography based on theme, Team building games, Management games, Ad mad show, Showcase your brand etc. the above mentioned events were based

on Commerce themes which gave the students a chance to learn and explore new things relating to their subjects. Prizes and Certificate of appreciation was given to all the winners to boost their morale and encourage them.

6) A National Level Faculty Development Programme on “E-Content Development”, was organised by Department of Chemistry and Commerce in association with IQAC of K. J. Somaiya College of Science and Commerce on 28th and 29th February, 2020. The aim of the programme was to train the participants in generating high quality audio-video using mobile phone along with some accessories. This would enable the participants to create their own E-Content to reach the students across the world. The resource persons invited were the partners of the organisation –“Knowledge Bridge”- Mr. Bhushan Kulkarni (Pro trainer with twenty years of experience in IT training and film making) and Mr Eknath Kore, (personal Technical Support with 25 years of experience in IT hardware and administration.) The workshop covered various aspects such as Types and Utility of Microphones, Sound

recording and Editing, Camera Shooting Techniques, Basic and Advance Video Editing, Multi-Camera Video Editing, Chroma effect video, etc. The participants performed the recordings and editing through hands on and practical during the workshop. The workshop enabled the participants to record their voice at professional level, recording an impactful audio-video to create their own content.

Teachers deal with newer generations at a regular basis....today's generation is considered as generation “Z”. This generation is dominated by Digital Era, internet and social media. They are reading E-Newspapers and E-Books. This generation is revolutionising the education system in many aspects. Teachers should become techno experts to cope up with the generation and to retain them in classrooms.

The workshop was well taken and appreciated by all the 60 participants. We can conclude that -aim of the workshop was successfully achieved to inspire the aspiring student in a better way.

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Department of Computer Science and Information Technology

Event Name : Me & The Corporate

Date : 8st August 2019

Total no. of students :- 110

Resource Person : Mr. Suniel Raikar, Winning Persona Dr. Sneha Raikar, Winning Persona A workshop on topic “Soft Skills” was organized by Department of Computer Science under STAR-DBT. Total 110 students registered for this workshop. Students understood the need of the personality development to from job prospects, relation management and every other walk of life. Majority students have shown inclination to undertake the Certificate Course on Personality Development ,conducted by the Department.

Event Name : AI and Machine Learning

Date : 3rd December 2019

Total no. of student : 44

Resource Person : Mr. Arunjit Chowdhary A workshop on topic “AI and Machine Learning” was organized by Department of Computer Science under STAR-DBT. Total 44 students registered for this workshop. Students understood the concept of machine learning and Artificial Intelligence.

Event Name : I-Senso Robotics using Bluetooth sensor

Date : 5th, 6th and 7th December 2019

Total no. of student : 72

Resource Person : Build my Project In I senso robotics workshop was organized by department of computer science under STAR DBT. Students came across different types of robots, they built their own applications using the provided kit's; they used various sensors, wireless technology and other hardware modules. This 3 days workshop helped student improve their knowledge in programming, assembling, connections, etc. There was theoretical sessions and hands on working on autonomous robotics kit. This kit included microcontroller-based board, sensors, etc.

Event Name : Flutter

Date : 24th and 25th February 2020

Total No. of student : 34

Resource Person : TYCS Students (Kiran K., Marish K, Harsh H) 2 days Flutter workshop was organized by department of computer science under STAR DBT. Our TYCS student took the initiative to organize and conduct the workshop for our SYCS and SYIT students. Flutter is an open-source UI software development kit created by Google. It is used to develop applications for Android, iOS, Windows, Mac, Linux, Google Fuchsia and the web. Participant of workshop learnt to design an UI for mobile application

Event Name : Software Engineering "DevOps" way

Date : November 2019

Total no. of students : 36

Resource Person : Prof. Purnima Ahirao and Prof. Sunayna Jadhav Software Engineering "DevOps" way workshop was organized by Department of Computer Science under STAR DBT. DevOps is a set of practices that automates the processes between software development and IT teams, in order that they can build, test, and release software faster and more reliably. Students understood the concept of agile methodology and importance of agile mindset and how idea can be collaboratively developed into BDD scenarios and how this leads to coding and before that mocking.

Event Name : Me & Corporate

Date : 7 Days, 20 sessions in September-2019 Total no. of students : 67

Resource Person : Winning Persona After success of one day workshop on topic "Soft Skills" under Me and corporate, 20 sessions in 7 days on Me and Corporate was organized by Department of Computer Science under STAR-DBT. Total 67 students registered for this workshop. Students understood the need of the personality development to from job prospects, relation management and every other walk of life. Time management, Business Communication, Public Speaking and many more skills were development.

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Department of Economics

- 1) Arthalekha 2019- 'Arthalekha 2019' was the first intracampus festival organised by the Department of Economics and Accountancy. It contained four events and the target audience were the students from three colleges in the somaiya campus i.e. K. J. Somaiya College of Science and Commerce, K. J. Somaiya College of Arts and Commerce and S. K. Somaiya College of Arts, Science and Commerce.
- 2) Visit to Bombay Stock Exchange-103 students of T.Y.B.Com visited Bombay Stock Exchange on 03rd December 2019. They attended a talk on stock market operations.
- 3) 6 students of T.Y.B.Com had opted for internship with Health Eatos for the duration of one month.

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Department of Environmental Studies

Environmental Studies is the course taught in BCom programme at the first year and the course, Foundation course is taught at second year by the department. It's a single person department.

Following are the activities conducted by the department in 2019-20

- Participated in Moodle workshop on 03rd May 2019
- Worked as subject expert in the subject of environmental studies for college interview in SIES Nerul on 29th May 2019
- Organisation of the poster exhibition in September 2019 based on various environmental issues
- Organisation of eight IEC session based on AV and other multimedia
- Organisation of sessions by elite visitors in the area of Human capital development on account of World Population day on 11th July 2019 with the theme coping with the change by Vijay Joshi. And on 12th July Session by Ajit Pendharkar on personality to corporate personality- a journey

- Delivered two sessions on Fire behavior and evacuation at crises with practical on 22nd July 2019 at Indapur college as a part of refresher course for faculties on behalf of ASC, SSPU.
- Screened environmental films and appreciation on 24th July to 15th Aug 2019
- Conducts government and other examinations In the college viz. UPSC, CA exams SET exam bank exams.
- Conducted demonstration for yoga protocol, sun salutations and pranayam at gargi plaza on 2106 for SYBCom students
- Reading preamble of Constitution and its elaboration and Tribute to 26/11 Martyrs. In SYBCom class in which 75 student have participated
- Conducted fire drill and evacuation mock drill in the The Somaiya School on 14th January 2020.

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Department of Geology

Activities conducted by Department of Geology 2019-2020

1. Workshop on "Basics of Microsoft and ESS Login" for Non-teaching staff, was conducted on 1st July, 2019. The workshop imparted knowledge about the various software of Microsoft along with making them familiar with the college website. The Non-teaching staff enjoyed the session and they also commended on the effort of the department faculty and student volunteers.
2. Workshop on "Basics of Report writing and Presentation" for TY BSc and MSc students, was conducted on 25th July, 2019. Essentials of report writing and

presentation were taught, as these skills hold crucial importance in academics and in further career of students.

3. Workshop on "How to write a good CV" for SY, TY BSc and MSc students, 30th July, 2019. Essentials in CV writing were taught, as CV holds a crucial importance in academics and in further career of students
4. Quiz on "Remote Sensing Satellites and Sensors" for TY BSc and MSc students, 27th July, 2019. The event consisted of various rounds of questions like word puzzle, abbreviations, rapid fire, logic based, applicative questions, etc. It received a very good response, as it

motivated and cultivated interest in the students for the subject of remote sensing.

5. Dr S.K. Biswas (Retd. Professor and Scientist) gave a Talk on Classification of Sedimentary Basins of India; on 17th September, 2019.
6. Workshop on "Thin section preparation" for SY, TY BSc and MSc students, 7th August, 2019. The workshop enabled students prepare a good thin section of rock that is essential for identifying the rock type and undertake detailed geological study of any stratigraphic formation
7. Onyx – Annual Dept Festival; 2nd and 3rd December, 2019 : ONYX an intercollegiate event was celebrated by the department around 67 students participated. In addition to the various events there were lectures by eminent guests. On 2nd December, 2019 aTalk on Tourmaline and Garnet ; byMr. Deepak Bagai(Gemmologist, Retd. IPS) wasorganised. On the last day of the fest i.e. 3rd December, 2019 Mr. Arijit Chaudhari gave a talk on climate change.
8. Industry Expert Talk by Mr.Abhijeet Banerjee; Applications of remote sensing in Landuselandcover and geologicalmapping;11th December, 2019.
9. Expert Talk by Dr.SonalKhanolkar on Applications of Paleontology
10. Industry Expert Talk by Mr. Rasesh Saraiya on Digital Proficiency : A crucial skill for geoscientists; 31st January, 2020
11. Gargoti Museum Visit, Nasik on 14th September, 2019
12. TY BSc field work to Baroda and surrounding regions,15th–24th Dec, 2019
13. SYBSc field Field work lignite mines, Kutch, 12th to 15th February, 2020

Achievements of Students

1	Mr. Vidyesh Sathe Msc II	Selected for the poster presentation at the Indian Planetary Science Conference, 19-21 feb 2020 at Physical research Laboratory, Ahmedabad.
2	Disha Wagh (MSc I)	Got scholarship of 48000 Rs from ONGC
3	Astha Tyagi Msc II	Selected for expedition at NIO Goa in Bay of Bengal in research cruise RV Sindhu
4	Yashaswi Nagar MSc 2019 batch	Successfully participated in the Guinness World records for the largest aindian cinematic music band with 1000 members on 24 th Jan 2020
5	JAM 2020	Five students of TYBsc (Geology) Divya Belnarkar, Abhishek Pande, Vivek Iyer, Ankita Ghoke, Bhawana Dawande have cleared JAM 2020

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Department of Mathematics

1. Institutional Visit to Indian Institute of Science Education and Research (IISER), Pune.

K.J. Somaiya College of Science and Commerce had organized an institutional visit to Indian Institute of Science Education and Research (IISER), Pune from 13th to 14th

September 2019. The visit was organized for the final year B.Sc. and First year M.Sc. students of Mathematics.

This visit was organized under the guidance of head of mathematics department prof. Subhash Krishnan. Prof. Reema Khanna and Prof. Siddheshwar

Bombale were the coordinators of this whole institutional visit. The visit was partly sponsored by START- DBT grant. Dr. Chandrasheel Bhagwat spoke of Application of Differential Geometry in Geodesic and gave brief idea about various field in mathematics such as Manifold. Dr. Nitin Nitsure spoke of Molding 3D curved structures by selective heating. He explained how it helps to fabricate curved surfaces in three dimensions from homogeneous material in the form of flat sheets. The visit ended with an interactive motivational sessions on important life lessons. Dr. Shanti Pise .

2. POPULAR TALK under IWM (Indian Women and Mathematics) - Visitors Programme

A popular talk was organized by K. J Somaiya College of Science & Commerce and NES Ratnam College of Arts, Science & Commerce and IWM partly sponsored by DBT-Star College Scheme (of both college) and IWM. Students and Professors from 10 colleges attended the talk. Details are as follows.

Date and Time : 8th February 2020, 10.00 am to 1.30 pm.

Venue : A V Room, NES Ratnam College of Arts, Science & Commerce, Bhandup (W)

Speaker : Marie-Françoise Roy, Professor, University of Rennes, France

Topic : Bernstein polynomials, computer-aided geometric design and real algebraic applications.

3. Sage Workshop

The Department of Mathematics, K.J. Somaiya College of Science and Commerce, Mumbai, conducted a 2-day workshop on use of SAGE Software for the students of T. Y. B. Sc (Mathematics), on 21st and 22nd November, 2019. The guests invited to carry out the workshop were Dr. V. Parthiban and Dr. S. Dhanasekar, assistant professors of Mathematical Division, at the School of

Advanced Sciences, Vellore Institute of Technology, Chennai. The workshop commencing at 10 am and ending at 4.30 pm, was carried out in four different sessions each day. The morning two sessions were dedicated for introduction and explanatory parts followed by hands-on training during the afternoon two sessions.

4. Workshop on Python

A workshop on Python was conducted by Ms. Maya Nair, Assistant Professor in Computer Science at SIES college, Mumbai on 19th and 20th of September, 2019 at K. J. Somaiya college of science and commerce for the students of TYBSc and M.Sc. Mathematics, partly sponsored by DBT.

5. MATHLETICS 2019-20

To inspire the students and teachers to explore the richness and beauty of mathematics and promote it in an enjoyable and delightful environment, Department of Mathematics K.J. Somaiya College of Science and Commerce organized the annual event (Departmental fest) called 'Mathletics' on December 17, 2019. The event was organized by the T.Y.B.Sc. students under the guidance of Head Department of Mathematics, Prof. Subhash Krishnan and under the supervision of Prof. Prabhat Kumar Upadhyay. Students from S.Y.B.Sc. and M.Sc. Part-I assisted in the preparation and execution of several games and activities. Students from 25 different colleges participated in the event. A total of 944 students participated in Mathletics.

6. Industrial Visit

To understand the real life application of Mathematics an visit to National Agree Food Biotechnology Institute, Punjab and E.G. Pharmaceutical, Himachal Pradesh was organized during 12/02/2020 to 19/02/2020 for S.Y.B.Sc, T.Y.B.Sc and M.Sc students of Mathematics. Total 29 students of Mathematics participated in this visit.

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Department of Microbiology

- MoU signed
Nine MoU signed? Established Several Linkages with Industries and academic organizations for Internships.
- 9th National level Microbiolympiad 15th Feb 2020
Ms. Sakshi Tripathi won gold medal for being the topper in F.Y.B.Sc quiz and Ms. Anindita Mandal for poster on Careers in Microbiology at National level.
Our TYBSc team was at the 7th position and FYBSc team was at the 8th position in all over India.
- Best Teacher in Microbiology Award (2019) to Dr. Seema Sambrani.
This national award was awarded by the Microbiologists Society of India.
- The workshop on Foldscope was organized on 5th and 9th December 2019. It was held in three batches and 39 FYBSc and 27 TYBSc students attended it.
Dr. Anupma Harshal, Indo US Foldscope Grant Recipient, Phase I, was kind enough to share her expertise with the students.
- On 28th January 2020 One Day exhibition on “Microbiome food Festival” in collaboration with Microbiology society of India.
- Campus to corporate: by E-CELL IIM Calcutta in association with Makeintern On 27th and 28th January 2020, a 2-day National Level Cum Certification Program on Campus to Corporate. 90 students attended.
- Delegates from University of Padova, Italy presented Opportunities to study in Italy to Master students of Zoology, Biochemistry, Biotechnology and other departments. Tuesday 11th February
- Microscope
Date of Event- 14 th September 2018
Number of Participants- 126
- Bioinformatics Workshop
19th to 21st July 2019 Under the auspices of CPE.
- Dr. Seema Sambrani Conducted IPR Workshop at SIES college for PG Students on 26/2/20.
60 Students from various life Science departments attended the workshop.
- Five day Hands on workshop on Basic Molecular Biology techniques in association with ZOE LifeSciences Laboratory LLP from 9th July 2019 to 13th July 2019 for the T.Y.B.Sc LLP.
- Two-day workshop on ‘Biostatistics in-silico’ for students of T.Y.B.Sc. and M.Sc. on 7 th and 9 th December 2019.
- Organized a five day Hands on workshop on ‘Molecular Biology: Fundamentals of gene cloning’ in association with ZOE LifeSciences Laboratory LLP from 23rd July 2019 to 27th July 2019 for the M.Sc Microbiology and Zoology students under Enriching expressions.
- Seminar by Dr. Sanu Jacob, Joint Director & Incharge, EIA.
Date - 23rd August 2019 Attended by Department of Microbiology, Biotechnology and Neutraceutical
Topic - Food and its regulation in supplychain.
- Bioinformatics workshop :
4th and 5th February, 2020.
Resource person : Dr Swati Singh
SY BSc students attended.
- RBPT workshop organised for TYBSc students on 28th Nov 2019. The resource persons were Dr. JitendraPendharkar, Assistant Professor, Dept. Of Physics, KJSSC assisted by Dr. Lollyjain, Associate Professor, Dept. Of Microbiology, KJSSC. The students outlined their projects and presented their final work on 5th December 2019.

- Under star DBT organised a seminar on “Navigate towards Excellence “23rd July,2019 for SYBSC students from department of microbiology and beneficiaries were 42.
- Webinar telecast of Careers in microbiology for TYBSc and MSc part I Students on 6th February 2020 under star DBT.
- F.Y.B.Sc. students of Microbiology painted a mural on *Milestones in Microbiology*.
- Fermenter Designing Competition
T.Y.B.Sc. Microbiology(6 unit) students were divided in three groups and were assigned with the task of designing a working model of fermenter and its poster.
- Entrepreneurship Activity
M.Sc. Microbiology (Sem III) students were divided in 04 groups and were assigned with the task of formulating a toiletry product and designing its postproduction process. Students also prepared video advertisements and presented it.
- Organised Demonstration of Fermenter with assistance from Mr. Shabib Khan for FYBSc students on 11th february 2020.
- Forty three students from the Department of Microbiology accompanied by two teachers on an Industrial visit to Jaipur from 7th to 12th January 2020.
- Visit to Nipah Winery on 17th Dec 2019 for T.Y.B.Sc. students.
- Twenty M.Sc. I Microbiology students were taken for a visit to Somaiya Hospital and Blood Bank on 23rd January, 2020.
- Visit to Bombay Veterinary College on 15th January 2020 for Chick embryo fibroblast.
- Visit to Advanced Enzyme Biotechnologies Ltd. on 17th Dec 2019 for T.Y.B.Sc. and M.Sc students.
- S. Y. B.Sc. Microbiology students visited GNIRD, GN Khalsa College, Matunga, Mumbaion 13 thAugust, 2019 and observed HPTLC, TLC, GC, working of a Fermenter.
- International Women’s Day celebration
On the Occasion of International Women’s Day on 6 th March 2020, a seminar on “Women, travel and knowledge” was delivered by Ms. Vasanti Damle,Trustee of Granthali. Writer for ‘Loksatta”Newspaper and a member of “Stri-Uvach group.
- Fine Tuning Research Planning
On 25 th April 2020, an open online national workshop on “Fine Tuning Research Planning UsingElsevier’s Tools: Scopus, ScienceDirect& Mendeley” was organized in Commerce in collaboration with Elsevier.In all,3006 participants registered from 22 Indian States, Union 3 Territories and 4 International countries.

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Department of Physics

1. Dr. Sourendu Gupta : A lecture on life and scientific achievements of Indian Physicist Prof. S. N. Bose on 19th July 2019. Eminent theoretical physicist, Prof. Sourendu Gupta from TIFR was the resource person.
2. Mr. Arvind Paranjpye : Director, Nehru Planetarium inaugurated the departmental fest on 13th December 2019. 55 students were present for the talk.
3. Dr. Mukesh Joshi : Senior scientist from RRCAT, Indore talk on “ Laser and its applications” on 8th February 2020. 32 students were present for the talk.
4. RBPT Workshop : RBPT workshop was organized on 26th and 27th June 2019. The workshop was conducted by Dr.

- Jitendra Pendharkar, who is a Level 3 RBPT trainer and also the content writer. 39 Students were present for the workshop.
5. Team building Workshop : The workshop conducted by Dr.Smita Paranjpe, on 28th June 2019. These activities made the students realize that in a team how important it is to trust others, In all 35 students participated in this workshop.
 6. Photography Workshop : Organized on 19th August 2019 to learn the art and technique of digital photography conducted by Prof. Shreekant Malushte (Director, Satyam National Academy of Photography) and Himanshu Malushte .40 students attended the workshop.
 7. IARP Workshop : Organized on 1st February 2020.attended by 90 students from different colleges. It consist lectures session, a hands-on training on various gadgets used for radiation detection, lecture on Careers in science and a skit presentation.
 8. Visit to IUCAA and University of Pune : 50+4 teachers visited on 29st August 2
 9. Visit to Ooty : 49 visited Radio astronomy Center, from 7th -13th January 2020.
 10. Visit to Vashi : five UG students Participated in a one day workshop 'at Vashi, on 14th September, 2019.
 11. National conference : Two days National Conference on 29th and 30th November 2019.14 participants presented their papers.
 12. Inter collegiate PowerPoint presentation on "Life and work of S.N. Bose".11 in house and 2 students from other colleges participated. on 18th and 19th July 2019.
 13. Fizika : Intercollege festival "Fizika 2K19" on13th and 14th December,2019. Various events like fizi fair, Quiz, photography competition, crosswords, bob the builder, circuit building and treasure were organized.
 14. Light Show : Demonstrating various optical phenomena on 3th & 4th December, 2019. Along with basic concepts of light working, multiple reflection, pseudo hologram, rainbow formation, fluorescence, refractometer, thin film interference, diffraction, laser microscope, double refraction and spectra of various sources was incorporated in this show. 300 students from eight different institutes visited.

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Department of Statistics

1. National Statistics Day : On Saturday 29th June 2019, the students of S.Y.B.Sc.and T.Y.B.Sc. celebrated National Statistical Day in the mark of birth anniversary of India's most eminent statistician "Sir Prasanta Chandra Mahalanobis" under the STAR-DBT scheme.This was the 5th year of celebration in our college, where the tradition of learning statistics with fun is practiced. Guests of honor were Mr. Vipul Mehta (BTech IIT Mumbai, Chartered Financial Analyst, Founder, MD-EdHOLA, Author- 3 Chemistry Books) and Mrs. Ashwini Gokhale (BTech IIT Mumbai, MBA-Wharton Business School, USA) who throw light upon the different applications of the field of statistics in the real world and different opportunities in abroad after completing UG/PG statistics . Also students gave presentations on the topics :
i) Application of DLS method in cricket
ii) Analysis of the sales of paracetamol
iii) Forensic statistics.
2. Lecture on "Pre-clinical trials" : On Thursday 29th August 2019, guest lecture for students of T.Y.B.Sc. and M.Sc. (Statistics) was arranged under the STAR-DBT scheme. The guest speaker was Dr. Yogesh Tamhankar who has done his Masters in Ayurvedic Medicine and currently pursuing

his Ph.D which is based on pre-clinical trials for prevention of Breast Cancer. Around 50 students from T.Y.B.Sc.(Statistics) and 16 students from M.Sc.(Applied Statistics) attended the lecture. The emphasis of the lecture was on the different phases of clinical trials with special reference to pre-clinical trials conducted on Mice. The speaker explained about the different study designs involved in his thesis, the treatments given and the type of data that is generated. The analysis of data was explained by our faculty member Ms. Namrata Nagwekar. She gave some glimpses of the different tests to be used to analyse the data.

3. Hands-on-training workshop on Python : This workshop was organised under the STAR-DBT scheme, on every Saturday for 03 hours from 01.30 p.m. – 04.30 p.m. for approximately 30 hours. It was one-credit course. 25 T.Y.B.Sc., 02 M.Sc. and 02 alumni statistics students registered for this workshop. 50 marks on-line theory test using MOODLE and 50 marks practical exam were conducted. Objective of the course was to learn basics of Python such as writing loops, decision statements, functions and data manipulation using Python.

4. Industrial Visit To ISI-Pune: Industrial visit was organised at ISI-Pune, Mahabaleshwar and Satara on 16th to 18th December, 2019. Prof. Subrata Rath Sir, Head of Department of OR and SQC at ISI-Pune, gave valuable information about applications of Statistics in different domains. Different case studies and sample sets were shown by Prof. Subrata Sir to the students.

5. Lecture on “Applications of statistics for industry”: On Monday 30th December 2019 guest lecture for students of T.Y.B.Sc. and M.Sc. Statistics (55 students) was

arranged under the STAR-DBT scheme. Mr. Subrata Rath (Head, SQC & OR unit ISI-Pune) discussed the application of statistics in Industry. He explained the many exclusive examples and challenges in Real World. He also discussed different projects and case studies with the students on the topics: 1. SIX SIGMA 2. Business and Statistics 3. Designing 4. Evolution of Initiatives 5. Data Science. It was a very informative and interactive lecture that students were able to know about actual expectations from Industry and also various trends in statistics.

6. Department Fest “SankhyaShastra”: On Tuesday 14th January 2020, students of T.Y.B.Sc.(Statistics) along with M.Sc. (Statistics), F.Y.B.Sc.(PMS) and S.Y.B.Sc. (Maths-Stats) organized an intercollegiate fest– “SANKHYASTRA 2019-20”. Around 140 students from various colleges of Mumbai including students from KJSSC had participated for this event.

7. Achievements by Students : The following S.Y.B.Sc. Statistics students attended National Level poster competition “Sankhyakriti” organised by Vishwakarma University ,Pune on 31st January, 2020:

- Poster titled DLS method & they won 3rd prize
 1. Ms. Vishakha Adawade
 2. Mr. Pratik Gangurde
 3. Ms. Tejal Mate
- Poster titled Application of Statistics in Climate Change & they won 1st prize
 1. Mr. Arun Yadav
 2. Mr. Jitendrakumar Vishwakarma
 3. Mr. Anuj Rai

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Department of Zoology

The Department Of Zoology Has Organised The Following Stand-Out Events In This Academic Year:

1. The Annual fest ZORILLA 10th- 11th Dec 2019

The Department of Zoology, KJ Somaiya College, Vidyavihar has been organising an intercollegiate festival called Zorilla for the past 9 years. This is the tenth year and our theme this year is Oikos [~home or habitat]. All our events and talks are based on wildlife, conservation and sustainability. The fest is completely planned and managed by the students. The Core team comprises of TY and MSC students while SYs and FYs are the volunteers. Thus team Zorilla has about 50 members working for 2 months to make the event a grand success.

The main events were:

- i. Inaugural ceremony with Invited Talk – Mr. Manoj Chaudhari, Curator, CSMVS
- ii. Fauna Race :
- iii. Photography exhibition : Viewfinder
- iv. Taxonomy workshop- Dr Varad Giri, Scientist, Pune
- v. Debate : House Divided
- vi. Quiz : Brainfreeze
- vii. Treasure Hunt – Finders Keepers
- viii. Valedictory function with invited talk- Dr. Kedar Bhide, Director, Natureworks.

The total registrations were above 350, with participations from outside campus colleges as well.

2. The Long Excursion to Rajasthan 2nd Jan-7th Jan 2020

The Department of Zoology organised a study tour to Rajasthan for its TYBSc, Msc I and MSC II students from the 2nd of Jan to 7th of January 2020. 60 students attended the excursion accompanied by 5 staff members , viz Dr Vikrant Deshmukh (HOD), Dr Amol Patwardhan, Dr. Shanti Upadhye, Ms Roshni Yadav and Ms Meghna Varma.

The tour began on 2nd of Jan , the Journey to and fro was made by train. We visited Jhalana Leopard Sanctuary – one safari, Jaipur Zoo, Keoladeo Bird Sanctaary – one trail and Ranathambore wildlife sanctuary – one safari. The safaris were by gypsy or canter and were amazing learning experiences for the students. They had sightings of leopard, striped hyena, spotted deer, Nilgai, jackal, python, spotted owl, macaque , peacocks etc in their natural habitats.

3. Invited Guest lecture: Careers after Zoology – ECOTOURISM

The Department of Zoology organised a Career Guidance lecture for its second year and Third year students on 25th July 2019 in the Seminar Hall at 10.30 am. This is part of a lecture series we initiated last year to explore various careers available after Zoology. The Resource person for the talk was Mr. Saurabh Thakekar, Director and Co Founder of Mumbai Travellers and Go Travellism Pvt Ltd , a renowned travel company of Mumbai. The talk was attended by 91 students and 9 staff members.

The speaker shared his own experiences of being a Zoology Graduate and how he followed his passion of trekking and travelling and translated his dreams into reality.

4. Day Visit for FY to Museum and BNHS

Department of Zoology organised an activity - Excursion to Natural History Section of Chhatrapati Shivaji Maharaj Vastu Sangrahalay and Bombay Natural History Society, Fort, Mumbai on 7th February 2020 for 46 FYBSc students. Students were accompanied by staff members, Ms. Shreya Patil, Ms Chetana Kamekar, Ms. Sadaf Zakariya. Students got an exposure for biodiversity study, They understood concepts of fossilisation and it's significance as evolutionary evidence. They also became familiar to process of taxidermy and model making and they got to know about career opportunities in biodiversity and museology.

5. 2-day Workshop on Beekeeping at Nashik

A Two Day Workshop on Scientific Beekeeping was organised by Zoology department under CPE grant at Organic Bee Farm by Dr T. B. Nikam at Nasik during 29th July 2019 - 30th July 2019 for T.Y.B.Sc students. Dr. Amol Patwardhan, Ms Chetana Kanekar and Ms Shreya Patil accompanied students. Dr T.B Nikam discussed importance of honey bee in agriculture and showed various bee products. After Lunch students proceeded to Organic Bee Farm, near YCMOU where they were showed different types of hives and different Beekeeping instruments. Students were divided into two batches and hands on training to handle Bee hive, here they could observe Queen bee, larva and pupa , brood cells and cells in which honey is stored. They also visited vermiculture unit and polyhouse in the campus.

6. Zoo Club activity for Underprivileged Children

An Interaction with underprivileged students was organized by students under zoology club in collaboration with Robinhood army at Shahid Kamte Udyan, Chedda Nagar, Mumbai on 14th December 2019 timing 4.30 pm to 6.pm. Around 14 TY.BSc Zoology Students volunteered along with faculty Ms. Chetana Kanekar. Here Volunteers interacted with 100 children. T.Y.B.Sc students had organised various environmental awareness and health hygiene related activities for the children. The aim of the activity was to spread awareness about environment issues, how to use resources and conserve them and also to tell them the importance of health hygiene in daily life.

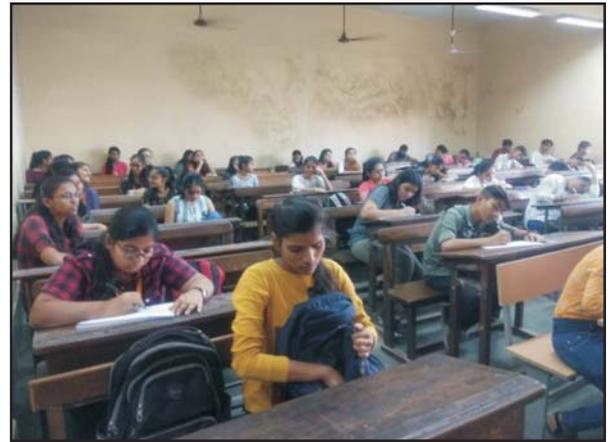
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Junior College

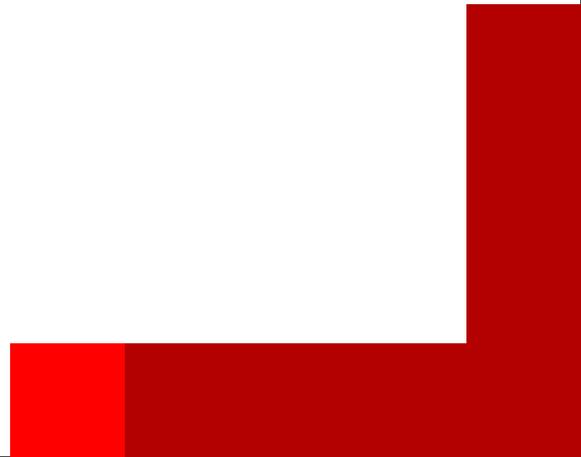
The department of English had conducted two events 1. Poetry Recitation and 2. Story writing on December 13, 2019. 45 students participated in the event. Students had presented poems on classical poets on distinct themes. Some students presented the poems of their own. In story writing students had prepared the stories

on the basis of their day to day life. The stories were on neighbour, environment, school, college and corporate life. Some students had selected the problems in society and picturised in imaginative way. Both the events were judged by the teachers of the department of English. It was indeed inspirational and morale boosting event.

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Committee Reports



Cultural Forum Activities



Library Development Committee



Book Exhibition



Session on Increasing Reading Awareness

DLLE



Donation drive for Flood Victims



Maha Walkathon 2019



Udaan-Intercollegiate Street Play and Poster competition



Workshop on Digitized Administrative Office



Hands on Training of Lab Attendants for online Laboratory Breakages



Academic Audit-2018-2019



Induction Programme- Swagatam for the First-year students of all the faculties



Body Composition Check and Health Camp



Haldi-Kumkum ceremony



Visit of the Committee for Best College Award under University of Mumbai



Manav- The Human Atlas Initiative workshop

NCC Activities



Blood Donation Camp

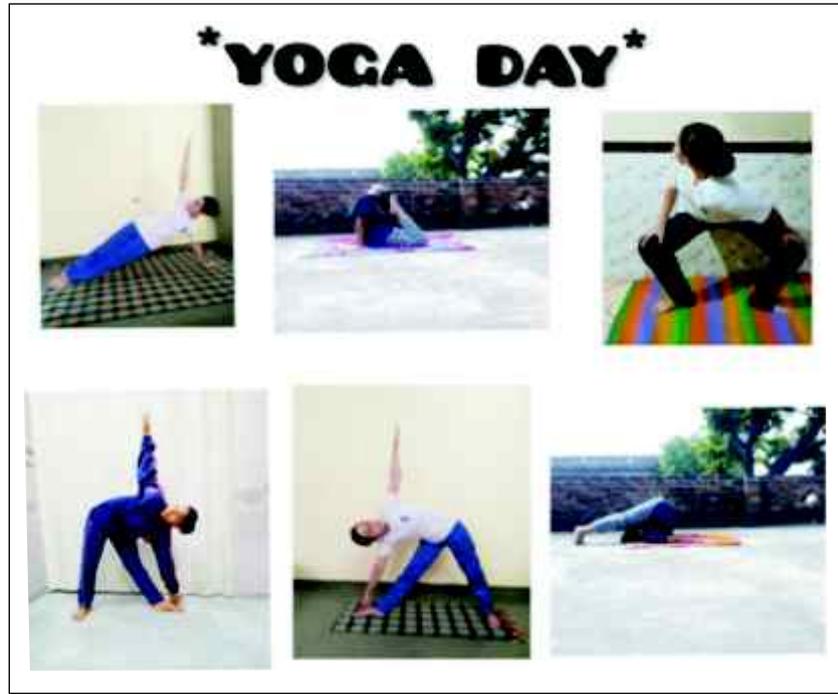


Notebook Donation Drive



Cleanliness Drive

NCC Activities



KAYAKING



NSS Activities



Beej Ball



Blood Donation Camp



Solar Ambassador Workshop

NSS Camp



Attendance Committee

Attendance committee meetings are held periodically to monitor the students attendance . SMS alerts are sent to notify the parents of students who have less than 75% attendance . A Parent Teacher meeting was held on 10/08/2019 for the students who failed to comply with the minimum attendance prescribed by the university. Around 125 parents attended the meeting with their wards. The Controller of Examination Mrs Madhavi Jardosh and the other members of the examination cell addressed the parents and explained the rules & regulations of the examination system, internal and external components, evaluation pattern and the consequence of non compliance of minimum 75% attendance on the examination.

A student is eligible to appear for the semester examination both theory and practical if he/she has complied with the minimum of 75% attendance. In deserving cases on medical grounds the prescribed attendance requirement is condoned on the production of valid medical certificate. If a student represents his/her institution, university, state or nation in sports, NCC, NSS or cultural or any other activities that are officially sponsored then such students are granted exemption on the recommendations of the concerned Head of the Department and the Head of the Institution.

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Cultural Forum Activities

On 21st June 2019, The Cultural Forum began its path for the year with celebrating the International Yoga Day with the students of SY and TY where in the students were taught about the importance of meditation and Preksha Dhyaan. There were 16 teachers and around 130 students who participated in this workshop. Yogacharya, Dr. Niranjana Salgia, a medical practitioner conducted the session.

A programme was organized on the occasion of Guru Purnima on the 16th of July, 2019 . Twenty five teachers and 100 students were present for the programme. Noted Marathi poet and author Prof. Pravin Dhavane was the chief guest for the same. He gave a thought provoking talk on "Ayushyache Gurukul".

The Cultural Forum 2019-20 was inaugurated and the glimpse of previous years and the plans for the academic years were told and also a Grand Release of the teaser for the intra-collegiate fest of the college Surabhi 2019 and Asmita 2019 was done in the month of July 2019.

A poster competition was held on 1st August, 2019, the death anniversary of

Lokmanya Bal Gangadhar Tilak. Students prepared posters and used their creativity to outline glimpses of Tilak's life.

In the month of August 2019, our college got the opportunity to host the 52nd Youth Festival Zone II (Literary Arts and Fine Arts) organized by the University of Mumbai.

We bagged the third prize at in group singing at the 52nd Youth Festival in the zonal round conducted by the Unuiversity of Mumbai.

An acting Workshop was conducted for from 30th October to 9th November, under the guidance of Mr. Suyash Purohit. The objective of this workshop was to help students recognize their inner talents and to also help them to polish it.

As the days progressed the students indulged themselves in preparing themselves for both of the annual fest of the college- Sci Co Expo 2019-an intra campus Fun Fair.

Surabhi 2019 and Asmita 2019, intra collegiate festivals where students of various departments came along and participated.

On the 18th of December 2019, the Cultural Forum of K.J. Somaiya College of Science and Commerce brought into action, their long into the making pilot project 'SciCo Expo 2019'. SciCo Expo 2019 was a Fun Fair event comprising of stalls put up BY Somaiyans FOR Somaiyans in the very heart of the Somaiya Vidyavihar campus, i.e. the 'Gargi Plaza'. The event was an initiative taken with the objective to establish a journey incorporating opportunities for teachers and students of Somaiya to try out their business skills, to call out to the entrepreneur in all, to venture in new waters and to gain new perspectives.

With a total of 20 stalls, comprising of foods, drinks, accessories, games, handicrafts and other items, and a footfall of 1200-1500 people, the day was concluded at 6:00pm. From the reviews taken by the team from the stall owners, it was safe to conclude that SciCo Expo 2019 was a success.

Surabhi 2019 and Asmita 2019 the annual intra collegiate fests of K.J. Somaiya College of Science and Commerce were organized for the students of the college

itself which set up the opportunities for the students to showcase their talents and come out with confidence for future progress and achievements. The theme for Surabhi this year was Halloween and that for Asmita was "Ritu"(festival) which attracted the students with more interest and showcasing themselves in all competitions keeping the theme in mind beautifully.

With the fests the forum also celebrated a cultural week which celebrated different days like Saree/Blazer Day, Back to School Day, Retro Day, Gown/Tie Day, Traditional Day etc.

Not only the Collegiate fests and Competitions The Cultural Forum was as involved as the teachers and other students of college for the Annual Day celebrations on 24th December 2019 and performed a great mix-up of different styles of dance, Mono-Acts, Poetry and a great package of entertainment for the students which was appreciated by all.

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Department of Lifelong Learning and Extension (D.L.L.E)

Name of the Event : Donation Drive for the Flood victims in Sangli and Solapur Region

Date : 19th ,20th and 21st and 29th August,2019

Venue of Collection : K.J. Somaiya Gate, Ground floor and Display Gallery , 1st Floor, KJSSC

Number of Students Participating in the in the Donation Drive : 30

Name of the Event : Pre-Udaan Poster Competition

Date : 6th January,2020

Venue : Seminar Hall, Ground Floor , Near Chemistry Department ,KJSSC and Passage near Chem. Dept.

Field Co-Ordinator of D.L.L.E. for K. J. Somaiya College of Science and Commerce, Dr. Vijaya Shastri (Retd. Professor, R. J.

College, Ghatkopar), Dr. Mamta Rane, Gurukul College of Commerce, Ghatkopar

Number of Students Participating : 16

Name of the Event : Maha Walkathon 2019 to Spread awareness on Road Safety And Safe Driving

Date : 30th November, 2019

Venue : Bandhkam Bhavan, Near Sterling theatre, C.S.T to Gate Way of India

Organised by : Public Works Dept,Govt of Maharashtra

Number of Students Participating : 63

Name of the Event : Talk on Mahatma Gandhi-Inspiration for Youth

Date : 13th January, 2020

Venue : Seminar Hall, 1st Floor , K. J. Somaiya

College of Science and Commerce
Resource Person : Smt. Sabiha More, Assoc. Prof., Smt. Surajba College of Education
Number of Students Participating : 140
Name of the Event : Udaan 2020 (University Level Festival)
Date : 29th and 30th January,2020
Venue : Kalidas Sabhagruh, K. J. Somaiya College of Arts and Commerce, Vidyavihar

Judges : Smt. Sabiha More, Assoc. Prof., Smt. Surajba College of Education and Dr. Bhanu Raman (Retd. Prof. , KJSSC)

Number of Students Participating : 380 on Day 1 and 330 on Day 2 :

Description of Udaan : Udaan is an intercollegiate Street Play and Poster Competition which focusses on Social issues such as Gender and Caste Discrimination, Food Wastage, Climate Change and Global Warming.

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IQAC

- 3rd June, 2019. Workshop on Digitized Administrative Office.
- 8th June, 2019. Academic Audit: 2016-2017 and 2017-2018.
- 10th June, 2019. Workshop entitled Quality culture development and new reforms in NAAC.
- 12th June, 2019. Academic Audit-2018-2019.
- 15th June, 2019. Guest Lecture on Diploma/Certificate Courses for Paramedical Job opportunities.
- 17th June, 2019. Hands on Training of Lab Attendants for online Laboratory Breakages:
- 8th-10th July, 2019. Induction Programme-Swagatam for the First-year students of all the faculties.
- 13th July, 2019. IQAC First General Full Quorum Meeting
- September, 2019. Application for Higher Education Excellence Awards by Federation of Indian Chambers of Commerce & Industry (FICCI).
- 23rd-24th September, 2019. Visit of Committee from UGC for Extension of Autonomy.
- 27th November, 2019. Lecture on SandhiVikasachiby Shri ArunNaik from IPH
- 4th December, 2019 Examination Audit.
- 13th December, 2019. Body Composition Check and Health Camp by Wizita Health Care Pvt. Ltd. Mumbai.
- 14th December, 2019. IQAC Second General Full Quorum Meeting
- 10th January, 2020. College applied for Best College Survey by India Today.
- 12th January, 2020. Haldi-Kumkum ceremony.
- 13th-14th January, 2020: Visit of the Committee for Best College Award under University of Mumbai.
- 20th January and 4th March, 2020. CAS Interviews for the Faculty.
- 9th March, 2020. Talk on Clinical Research: A Credible Career Option by Klintec Academy.
- 9th March, 2020. Manav-The Human Atlas Initiative workshop.

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Library Development Committee

Events organized by Library Development Committee in the Year 2019-20

1. Book Exhibition arranged for First Year students on 9th and 10th July 2019 on the occasion of Swagatam. Approximately 406 students attended the exhibition.
2. Abdul Kalam Birth anniversary was celebrated on 15th October 2019 by arranging book exhibition on general reading books.
3. A workshop for PG students were organized from 18th Nov.2019 to 20th Nov. 2019 to orient about the library facilities and to operate database. Approx.114 students attended the session.
4. Talk on 'Reading Habits in the world of the Tik Tok Distractions' by Mr. Amrut Deshmukh of "Booklet App held on 20th February 2020.
5. Mr. Steven Pinto, Manager, Jaico Publishing House conducted session on increasing reading awareness on 20th February 2020.

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NCC

MAH GIRLS BN NCC Mumbai 'B' Group.
NCC in charge : ANO Lt. Dr. Rohini A. Kasabe

1. RDC is considered to be the most precious camp.40 cadets of each directorate are selected and They are prepared to walk the glorious path of RAJPATH, Delhi. Cdt Yashvi Patel had performed Malakham On Rajhpath T through this camp.
2. TSC is the second most important camp of NCC. In this camp ARMY MEN's teaches MILITARY subjects to cadets. Two cadets from our institution CDT Aishwarya Sawant & Cdt Pratibha Londhe has successfully done TSC-IGC.
3. G. V. Mavalankar is a firing-based camp and is a National level firing camp and winners get chance to participate in Olympics. CPL Ritu Vishwakarma & CPL Sonali Walunj had secured 2nd place in IGSC.
4. Basic leadership camp is an NCC camp that helps develop leadership traits in cadets and makes them more confident. CDT Sneha Shinde & Cdt Anushbharthi Nadar were part of the camp.
5. CATC is a compulsory camp of NCC and it must be attended by every cadet. Duration of this camp is of 10 days. Several amount of activities/ competitions are conducted throughout.
6. This year Cadre of 5 days was organized as the annual camp in our Somaiya Campus for everyone to attend as the camp took place during this COVID situation everyone took necessary precautions to make it successful.
7. Apart from camps various numbers of activities are conducted throughout the year in order to build self-confidence,awareness,sense of wisdom, leadership, and discipline in cadets.

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NSS

Program Officer : Mr. Amit More, Dept. of Physics.

NSS Leaders : Mr. Arpit Dubey, Ms. Darshana Bhanushali.

“The purpose of human life is to serve and show compassion and the will to help others.”

It is rightly said that students are the building blocks of society. They are blessed with ideas that are fresh and innovative and only when these ideas are nurtured they can grow and create a positive impact in the society. Such innovative minds when backed by organizations, results in better development. We at NSS, also have the same mindset which focuses mainly on the overall development of a student and also creating a difference in the society at large. The NSS unit of KJSSC has 100 volunteers. The different activities of the NSS unit of KJSSC aims at creating a better vision among the students and also shedding light to the different issues in the society.

A brief outline of the different activities conducted during the academic year 2019 - 2020 is given below:

Blood Donation Camps

KJSSC NSS successfully conducted two Blood Donation Camps in the year 2019-2020 in association with somaiya blood bank and Rajawadi hospital. First, on 30th August 2019 in which free Thalassemia Check-up was also done. The later one was held on 16th January 2020. Total 180 Units of blood was collected in the 2 events and 200 people took Thalassemia Check-up.

Blood Stem Cell and Bone Marrow Registration Drive

It was conducted on 31st January 2020 in association with 'DATRI' NGO. It helped in raising awareness on the importance of bone marrow donation for treating various diseases and 160 people willingly got their swabs tested to become potential donors.

Swacch Bharat Abhiyan

7 Cleanliness Drives were conducted by

NSS Volunteers at different locations under this Abhiyan. Other activities include a 'Swacchata Rally' and Street Play performance on 'Clean India, Green India' to help raise awareness about importance of Cleanliness.

Beej Ball Initiative

This activity took place on 19th October 2019. It provided a new experience to volunteers. They learned seed ball making and its effectiveness in planting. It taught them importance of small actions towards the environment.

Save Mangrove Mission

NSS Unit organized a visit to Coastal and Marine Biodiversity Centre (Airoli) on 28th November 2019, for 40 volunteers, where they explored varieties of animals & plants important for biodiversity and environment.

Anti-Plastic Movement

The main purpose of this activity was to reduce the use of plastics to save the mother earth. The volunteers donated the paper bags to the vendors of Dhundalwadi and Police Colony in exchange of a promise that the vendors will try to minimize plastic usage.

Library Setup

A group of volunteers started a Book Donation Drive in college with the aim of setting up a library in Dhundalwadi village, Dahanu and on 15th Sep. 2019 they successfully set up it Dhundalwadi school.

Flood Relief Drive

After heavy rains when flood overtook many areas and cities in maharashtra, NSS unit started Flood Relief donation Drive in our college and collected clothes, food, etc. worth Rs. 10000. Later, it was all sent to Mumbai University on 12th Sept. 2019 in order to distribute it to flood affected areas.

CDF KJSSC Chapter

Connecting dreams foundation, an organisation which works for welfare of society in entrepreneurial way, joined hands

with our NSS Unit this year. Our team conducted 6 surveys in the adopted area from Nov. 2019 to Dec. 2019 under the 'Connect n Change' project of cdf. And after analysing the data, it decided to start a project 'AAKAR' with the aim of shaping young minds of the mentioned area through creative learning. Our team conducted a 'Yoga Session' on 20 Feb. 2020 in Ramabai Municipal School as its first step towards the project 'AAKAR'. And now, it is planning to move forward, gradually and enthusiastically.

NSS Fest SANVAAD

An Intercollegiate fest named 'SANVAAD' on the theme PEACE AND HARMONY was organised on 8th February 2020. The Chief Guests, IPS Quaiser Khalid (Special Inspector General of Police, Maharashtra) inaugurated the event and Ms. Bharagsetu Sharma (Roadies Real Heroes) was the chief guest for the valedictory function, they both motivated the young generation to come forward for social causes. Various competitions on the mentioned theme ranging from environmental issues to social issues were also conducted. A stem cell registration drive was also set up to raise awareness about the same.

Solar Ambassador Project

'Solar Ambassador Project' was conducted on the occasion of 150th birth anniversary of Mahatma Gandhi, 2nd Oct. 2019, to promote the use of solar energy. 1036 students learned to make Solar Lamps with great enthusiasm and took pledge of non violence to nature turning it into a huge success.

'Tarangan'

The need for 'TARANGAN PROJECT' was felt during our Camp Activities in Adopted School. With this project we aim to inculcate creative learning among the students and help them understand the concept. Volunteers from team Tarangan made 4 trips to Dhundalwadi School during 28 February, 2020 and 12 March 2020 and taught them basic phenomenon of Science through practical.

Other Activities

- Poster Making Competition on 25th July 2019 on AIDS Awareness.
- Short Film Making Competition on 13th August 2019.
- Seminar on Cancer and AIDS awareness on 3rd February 2020.
- Bottles for Change on 26th September 2019.
- Rakhi Selling Activity from 4th Aug. 2019 to 14th Aug. 2019.
- Traffic Management activity on 24th September 2019.
- Dialogue with students on partnering youth for a better tomorrow on 27th Aug. 2019.
- Democracy Fortnight on 3rd February 2020.

NSS Special Camp Report

Like every year, this year too the NSS special camp was organized for the volunteer students. This year the it was held in Dahanu, Dhundalwadi. The main aim of this camp was to encourage the volunteers to participate enthusiastically in different activities that took place in the adopted village and also to understand the lifestyle and issues of rural places. The duration of this camp was 7 days, from 30th December, 2019 to 5th January, 2020. For the duration of the camp, the volunteers were divided into groups for the ease of kitchen duty and teambuilding activities; and various activities, sessions, seminars and competitions were also conducted.

The major activities conducted were, Check Dam building, Solar Ambassador Workshop and Stationery Donation Drive.

Check Dam Building

This fieldwork project was taken up by the volunteers with the intention that the water stored by the dam would help the local farmers. The volunteers worked 4 hours a day and even more than that some days without complaints, which reflects their passion for social work.

Solar Ambassador Workshop

With the aim of promoting awareness for the use of sustainable energy resources, a workshop was conducted for the students of Nareshwadi School; post the workshop 25 solar lamps were donated to the hostel students.

Stationery Donation Drive

A Stationery Donation Drive was carried out in KJSSC, and the collected stationeries were then donated to the students.

Along with these major activities, sessions and seminars were also conducted on various topics which are as follows-

- Food and Nutrition by Dr. Veena Salvi,
- Interpersonal Relationship by Dr. Arun Nair,
- First Aid training by Mr. Pravin Bramhadande,
- Street Play training by Mr. Rahul and Mr. Aakash,
- Food Adulteration by Dr. Chitra Kamat (40 testing kits were also distributed),
- Superstitions and Health and Hygiene by Dr. Telange.

Different competitions like street-play competition, debates, healthy discussions on various issues and fun games were organized as a part of teambuilding activities, with the intention of increasing confidence and coordination among the volunteers. A street play based on the life of social reformer 'Savitribai Phule' was played on the account of Balika Diwas, the volunteers prepared this commendable street play in one day.

The volunteers also visited Somaiya Nareshwadi Learning Centre and explored organic and dairy farms and biogas plant, they also got to see different animals and beautiful cultivations.

A week full of learning and fun benefitted the volunteers in unknown ways and gave them a scope to interact with people of different backgrounds and get to know more about their daily lives, they also learnt different skills that would be useful in their day to day life.

At the hour, NSS plays a pivotal role in linking the students to the society and helping them to realize their responsibilities towards the society.

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Placement Committee Report

Cytel Statistical Software and Services Pvt. Ltd. conducted a Corporate Institutional Outreach Program "Career Seminar - Career Opportunities in Clinical Trial Analytics" on 12th December 2019.

More than 100 students from Life Science, Math, Statistics attended the career seminar. It was a full-fledged seminar for students willing to make career in Clinical Trial IT Industry. Mr Piyush Rajput discussed the opportunity and the pathway to acquire a job in analytics. Ms Jyoti Phadtare gave an idea of the opportunities in Cytel.

The TYIT students who got selected shared their placement experience with the SYIT and SYCS students. This will help the SY students in their placement procedure.

The videos of the above can be viewed here https://drive.google.com/folderview?id=1KSdFG3jYHP6tqtd_3vMyq62JB4F5SxnP

Group discussion and interview techniques session was conducted for TYIT & TYCS students

The placement statistics for 2019-2020 is as follows

Placement in year 2019-2020

Name of the Company	Package offered	Number of students selected	No. of students appeared
Capgemini	2.5LPA	27	90
TCS	1.93LPA	15	65
LTI	2.6LPA	08	90
Infosys	2.19LPA	20	70
Wipro	1.89LPA	02	60
Tridhatu Ltd	2.0LPA	01	05
Zeus Ltd	5LPA	01	10

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Research Promotion Committee Report

Department	Under-graduate research project	MSc. Research Project Sem IV	Research Publication		Major Research Project 19-20	Minor Research Project April 2020	Research Collaboration	PhD Projects 19-20	MSc by Research	Research Awards
			UGC Care Listed	Pub with ISSN number						
Chemistry	63	65	4	1	1	1	-	8	1	2
Microbiology	27	20	3	5	-	1	2	5	-	-
Botany	24	-	-	-3	-	-	-	-	-	1
Physics	16	17	-	-	-	2	-	-	-	-
Geology	13	14	-	-	-	-	-	-	-	-
Statistics	12	4	-	-	-	-	-	-	-	-
Zoology	11	16	-	3	-	-	-	2	1	-
Biochemistry	5	5	-	-	-	-	1	-	-	-
Business and Law	-	-	-	-	-	-	-	-	-	-
Nutraceuticals	-	-	-	-	-	-	2	-	-	-
3999 Economics	-	-	-	-	-	1	-	-	-	-
Accounting & Finance	-	-	-	-	-	1	-	-	-	-
Total	171	141	7	11	4	10	5	15	2	3

Actions to promote research culture and strengthen research projects in the Institute

Sl. No.	Action Plan	Action Taken
1	Status of Research Laboratories.	Laboratory recognition: M.Sc. by Research for Physics Department applied M.Sc. by Research and Ph.D. for Botany, Zoology department.
2	PhD and MSc by Research Interviews	Dr. Pradnya Prabhu, 1 Ph.D.Dr. Unnati Padalia 1 Ph.D.Dr. Lolly Jain, 1 Ph.D.Dr. Chitra Kamath, 1 Ph.D., 1 M.Sc.Dr. Amol Patwardhan, 2 Ph.D.
3	Research Advisory Committee (RAC)	RAC meetings are conducted by the Research guide and the Head of the department. Research Guides have been instructed to follow the VC directives with respect to RAC.
4	Monitoring of Research Projects. Research Collaborations	Research Scholars' Meet (RSM) 5 MoUs have been signed.
5	Publication	7 publications under UGC CARE.
6	Plagiarism	Plagiarism Software will be implemented by May, 2020.
7	Generation and Incubation of ideas	MoU with RIIDL.
8	Promoting interdepartmental/ interdisciplinary projects rather than individual projects	Invited Ms. Hetal Mundra to give talks for 6 Departments. Two applications innovated by Commerce students:MOSS, Quickfoodzz171 UG Research Projects, 141 PG Research Projects.
9	Establishing a support system to help the faculty go through the process of application for grants	10 Minor Research Projects worth Rs. 3,77,000/- awarded by University of Mumbai.1 Major Research proposal continued3 Major Research Proposals applied.
10	Rewarding the research conducted by faculty	After screening of applications'. Rohit Chauhan and Mr. Valmiki were nominated from KJSSC for the Excellence in Research on Foundation day. They became recipients of the Awards on the Foundation Day.
11	Encouraging and providing incentives students to take up research projects under faculty members	Microbiome Food project exhibition was organised by Department of Microbiology. The Certificates and Mementoes were distributed. Best projects were awarded.8 working prototypes (Research Projects) were showcased on Foundation day, SVV, Navriti'
12	Research Journal	The process has been initiated.
13	Research Diary	It has been proposed. Process initiated.

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Tutor Mentor Committee

The main objective of this committee is to help the students to strengthen their varied capabilities and to build an interpersonal relationship between the teachers and students. With this purpose a "Tutor-mentor" (mentor-mentee) committee was formed in the college.

In the first meeting it was decided that a form which would be carried forward in the next year will be framed. The department coordinators were also decided.

Department	Co-ordinators
Physics	Ms. Smita Survase
Chemistry	Dr. Afsar Ali
Microbiology	Dr. Soniya Shetty
Biotechnology	Dr. Soniya Shetty
Botany	Dr. Ajit Katdare
Zoology	Ms. Chetna Kanekar
Biochemistry	Dr. Heena Shah
Geology	Dr. Heena Shah
Mathematics	Ms. Reema Khanna
Statistics	Ms. Reema Khanna
IT/CS	Mr. Siddeshwar B
Unaided Commerce	Dr. Pradnya Gosavi
Aided Commerce	Mr. Amit Dixit

Every coordinator was given the freedom of allocating students to the teachers in the departments. Each teacher in all departments were assigned with the task of mentoring 25-30 students. It was expected that the teacher should:

- (i) Prepare the list of students allotted to him/her.

- (ii) To collect all the personal and educational information of the mentee through the given format.
- (iii) The mentor should establish consistent communication with the students and counsel him wherever necessary and closely monitor the growth of the students.

During induction program for FYBSc students all the coordinators explained the students about the importance of the committee in the slots allotted to them.

It was expected that the two interactions per semester should be done by every teacher. But due to the busy schedule of the teachers, many departments could complete two interactions. But few departments like statistics, IT/CS, Accountancy have not shared their interactions with their department coordinators. The issues raised by the students during first term were reported to the authorities. Some students were also referred to Dr. Srirang Joshi. Some students who had some academic difficulties were guided to respective teachers. But in spite of all this we find that this is not functioning as expected.

In the last meeting we had decided that we would conduct a seminar/workshop for teachers regarding mentoring. It was also decided that we would have a faculty advisor (FA). The FA would then select a team of responsible, sensitive and dedicated student mentors. The FA will be in touch with these student mentors. Each student mentor can be assigned 8-10 students. Student mentors are required to keep track of their mentees with reference to academics, attendance, discipline and overall development and record it in the mentor's diary. Any complaint or compliments regarding mentees should be brought to the notice of the respective FA.

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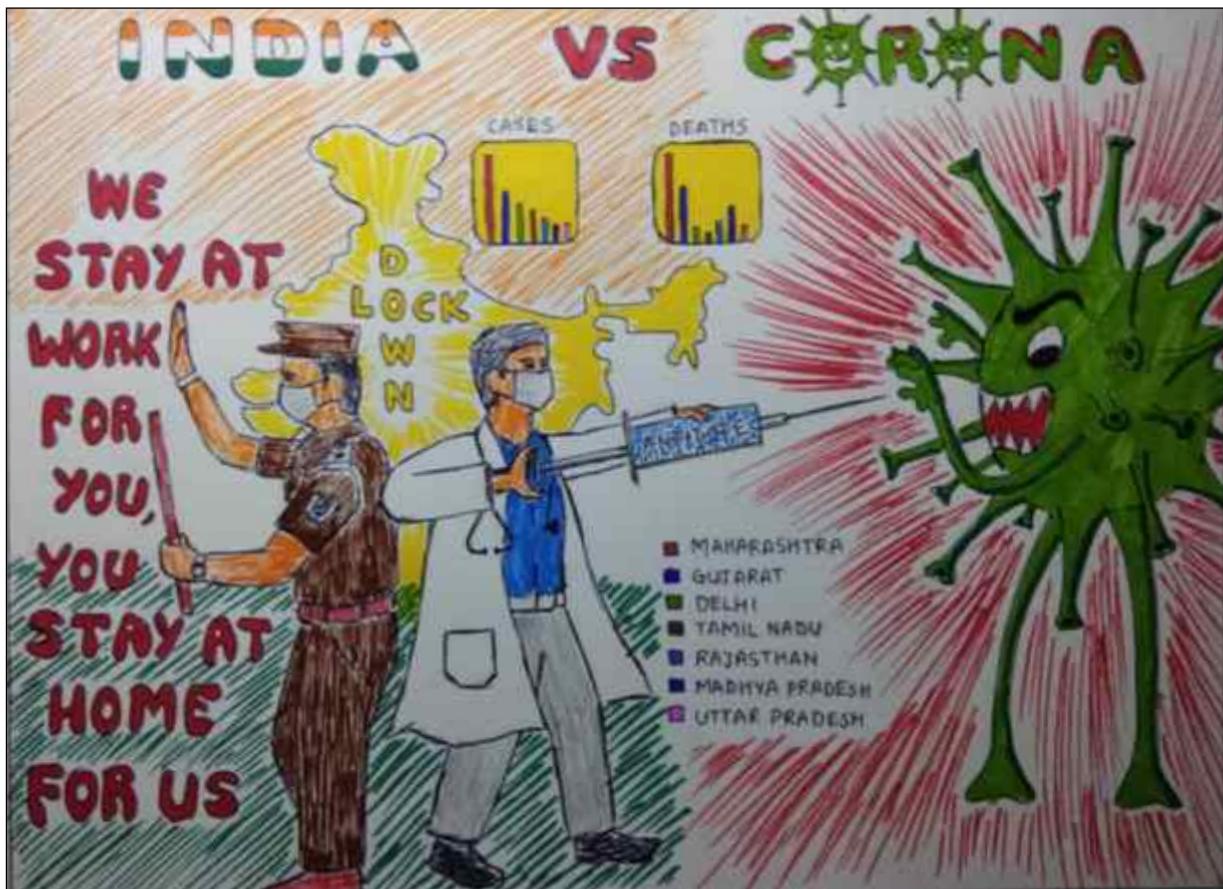
Women development cell

1. Gender sensitization workshop was conducted in association with department of chemistry on 22nd August 2019. Ranjana Karoor and Nutan Varerkar of Bharatiya Stree Shakti were the resource persons. It was attended by student 110 participants and 12 teaching staff members.
2. A workshop on premarital counselling was organised by WDC and NSS on 27th September 2019 mainly for NSS volunteers. 50 students participated. MS Seema Deshpande, president , Bharatiya Stree Shakti Mumbai, Ms Nanal, nutritionist, Dr Pradnya Kapse and Ms Ranjana Karoor, member Bharatiya Stree Shakti were the resource persons. The topics like nutrition and healthcare, medical aspects , need to understand each other for better relationship, legal aspects were dealt with by the resource persons.
3. A poster competition on topics related to women issues was conducted in September.around 50 students participated. The posters were displayed in the display gallery.
4. A workshop on self defence for girls was organised by NCC and WDC on 6th March 2020.Mr Nrupul Gharat of Boxing Federation of India was the resource person. 64 students participated in the workshop where they were given general introduction to defend oneself.
5. An on the spot poster making competition was held by self finance section on 6th March in which 14 students participated.
6. An MOU was signed by WDC of Somaiya college and Bharatiya Stree Shakti.

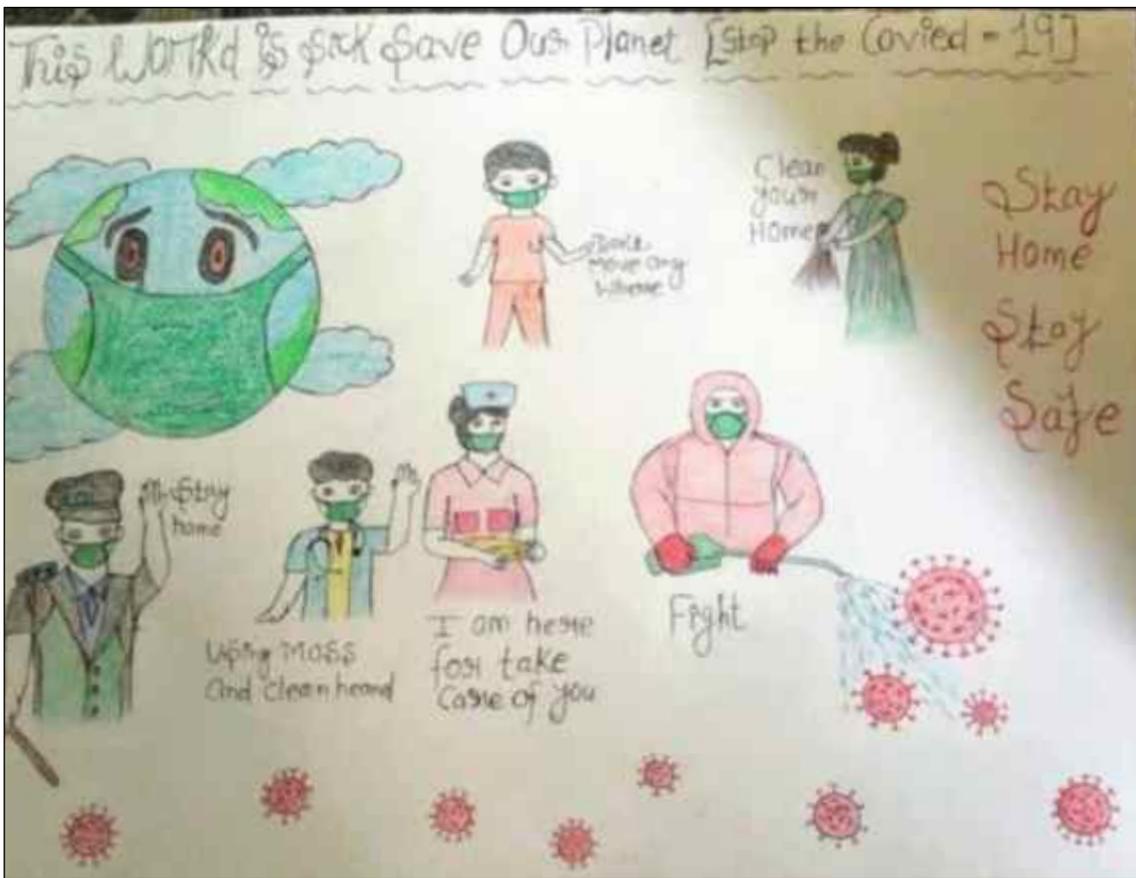
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S.Y B.Sc



Ramesh Venkataiyya Mathari
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Physics - maths (B)



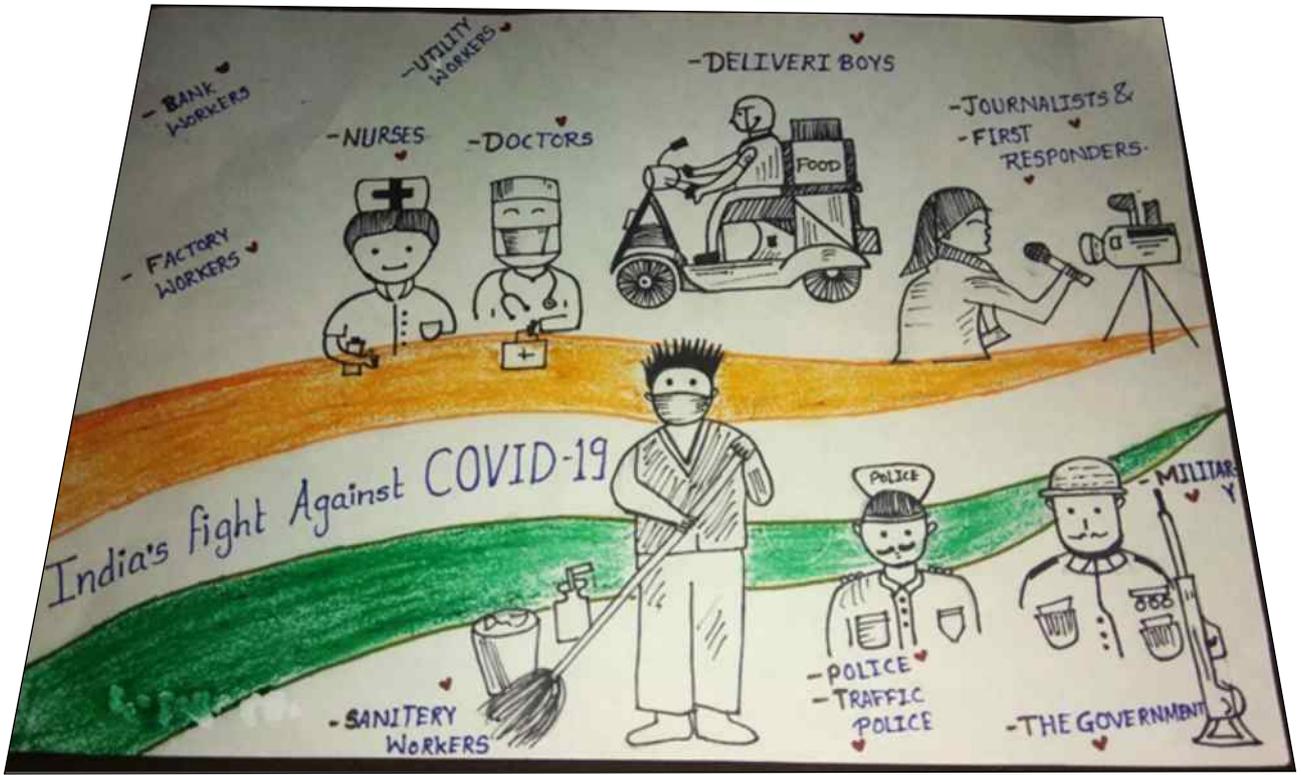
Ruchita Pathak
FY B.Com.



Monika Dedhia



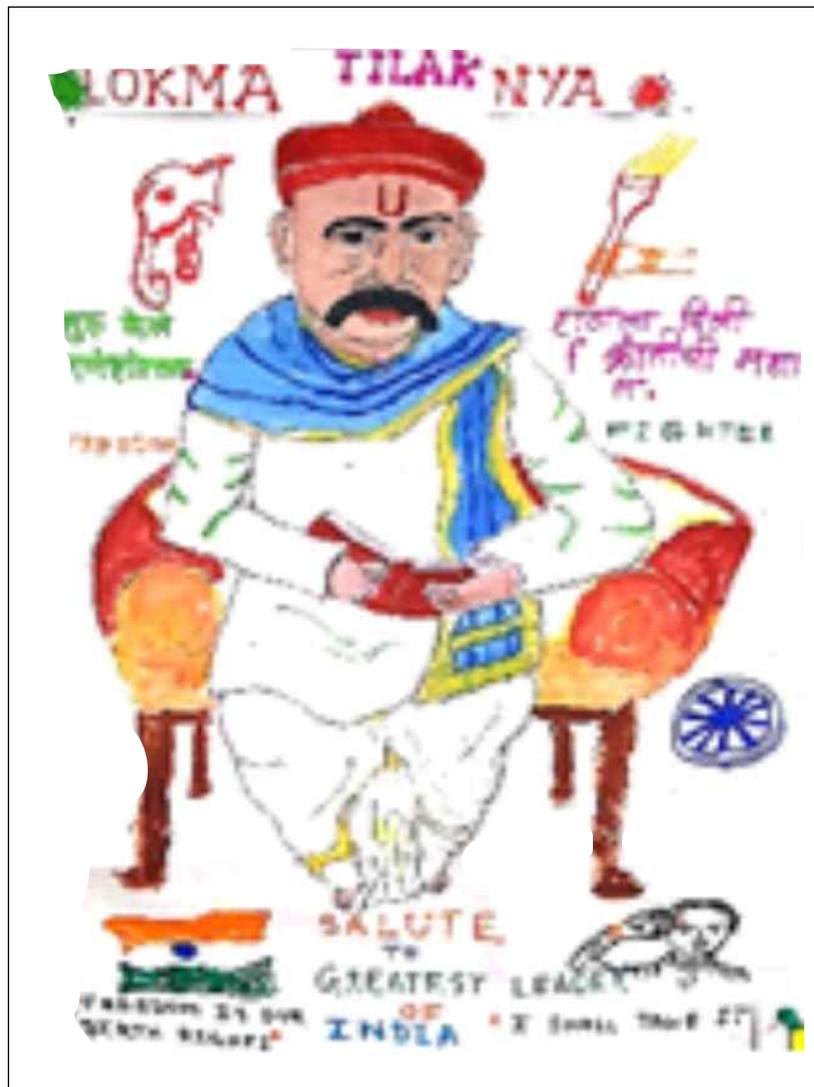
Himani Suvarna



Prachi Jalindar Pachupate
T.Y.Bcom



Rutik Shah



Poster Competition on occasion of Lokmanya Tilak Punyatithi organised by Cultural Forum

