



SOMAIYA
VIDYAVIHAR

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

Somaiya
T R U S T



संस्कृती
२०२२ - २०२३

संस्कृती

२०२२ - २०२३

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



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 सूनृतानां 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 शान्तिः । शान्तिः । शान्तिः ।
OM. Peace, Peace, Peace.

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Sanskriti

2022-23

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Our Founder



Padmabhushan

(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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Lt. General Jagbir Singh



Provost, Somaiya Vidyavihar
Dr. Raghunath K. Shevgaonkar

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.

A Message from The Honorary President



Our Vision:

Our Founder, Padmabhusan Shri K. J. Somaiya was deeply influenced by Gandhiji, and dedicated himself to nation building. He founded Somaiya Vidyavihar on the 9th of September 1959. He later founded the Girivanvasi Pragati Mandal, The K. J. Somaiya Medical Trust, Girivanvasi Education Trust and sister institutions to make great citizens of India and the World. In the words of Swami Vivekananda, “We want that education by which character is formed, strength of mind is increased, the intellect expanded, and by which one can stand on one’s own feet.” We have now grown into a multi-disciplinary and multi-campus education institution with over 1500 faculty, and 38,000 students.

Our motto:

ज्ञानादेव तु कैवल्यम्। Knowledge alone liberates. Liberates from poverty, from hunger. Also, to liberate one from the attachments that bind us to small-mindedness. Knowledge also provides opportunity. To make the life lived more meaningful. In the service of one’s family, one’s community, समाज, country, and indeed the world. Bearing in mind that there is no religion other than the life lived in the service of humanity, न मानुषात् परो धर्मः।

Our education in any subject will reflect its timeless fundamentals, its current context, and applications. There is so much scientific discovery taking place, at the intersection of fields, of biology, computing, medicine, the social sciences and everywhere else. We will provide students and faculty with an environment to engage this world, to discover new truths, make new applications to create and share knowledge.

Our education will also be experiential; with projects that are ‘real’ and those that complement the learning inside the classroom. Our students and faculty will be at the cutting edge of change, to incubate companies, to create NGOs, and pursue any field of their passion.

Our education will also be holistic. Sports and physical exercise must be a firm part of the curriculum; for students to develop a love for sports, for recreation, for health, for teamwork, for competition. Our education will also instil an appreciation for art and culture.

In the Bhagavad Gita, Arjun asks Krishna how is one to control one’s mind that is as fleeting as the wind. Krishna responds that it can only be done through practice and discipline. अभ्यासेन तु कौन्तेय वैराग्येण च गृह्यते We will strive to teach our students to learn to stay calm in our turbulent world.

And our education will also include the ancient Indian tradition, its culture, its depth, and its knowledge. We must keep the connection with our mother tongue and our languages. Languages are storehouses of culture, and the loss of a language takes with it much learning, stored through it over the ages.

Finally, our education will help students lead a full life, to fall in love with life. Our dream, is to build a world class research and teaching institution, that is global in the reach of its ideas, and universal in its service.

Welcome to our community.

Samir Somaiya

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



वाचनं ज्ञानदं बाल्ये तारुण्ये
शीलरक्षकम्।
वार्धक्ये दुःखहारकं हितं
सद्ग्रन्थवाचनम्॥

The main purpose of our college magazine is, to inform, inspire and also to entertain everyone who is a part of the college.

It is my proud privilege to present this issue of our annual college magazine 'SANSKRITI'. Its a platform to express the dreams of students, opportunity to showcase their talents and a review of college activities and achievements of the respective academic year.

'SANSKRITI 2022' would not have been possible without the kind help and support of the management, Principal and Vice Principal.

I would like to thank the magazine committee members for their timely help. I would also like to express our deep sense of appreciation to the staff, students and patrons for their invaluable cooperation.

Dr. Smita Paranjape

English Section



75th Years of Freedom - Challenges & Opportunities

Taiyaba Salim Jindran
TYB.Com., Div - G

“Freedom in our mind, Pride in our souls Let Salutes our India”

“Freedom is our birthright and its protection is our responsibility.” Life is meaningless without freedom. A person who is submissive can neither be happy nor free and also unable to fulfill his desires. The life of birds and edged birds flying freely in the open sky can be distinguished from the lifestyle of the people of an independent and slave country.

In the same way, our country India got freedom from the long term slavery of about 200 years from the British colonial powers. And the freedom that we get after a lot of struggle increases the importance of that freedom.

“Freedom is the open window
Through which pours the sunlight of the human spirit and human dignity.”

The celebration to celebrate 75th independence day as Azadi Ka Amrit Mahotsav. It is an initiative of the government of India. Independence means freedom from the control of another. Celebrating 75 years of India's independence is reflecting the spirit of the country's freedom movement and trying to show its achievements to the world since 1947. Public participation is the base of the grand celebration. Through this festival, people are being made aware of the sacrifices made by the brave heroes of the freedom movement. Many great leaders fought for India's freedom and finally after years of fighting, on 15th August 1947, India finally achieved independence.

The history of India is thousands of years old. It has faced many foreign invasions in its thousands of years of history. Also when the British tightened their grip on India in the 18th Century, we realized slavery for the first time.

Because gradually the British exploited

us and started harming our culture and civilization, and got our Mother India in slavery in the British fetters But then the freedom fighters started the struggle for independence against the British.

The Indian freedom struggle is one of the most significant progress in the history of India. As we all know how to British lightened their grip on India and started trading goods like silk, tea and cotton in our country, and thus they went on hollowing out our country.

To get freedom from this terrible rule, India went through a very difficult phase and Mangal Pandey started the first movement against the British in 1857, Who were Indian soldier Mangal Pandey. Similarly from time to time, there were many movements that helped India achieve Independence, such as the Civil Disobedience Movement, Dandi March, Quit India Movement etc.

After a long saga, our country became Independence on 15th August 1947, which emerged as a unity and it is said that - A nation which is organized can neither break nor break it.

As we know that we are celebrating 75 years of India's independence. The most cherished idea in the entire human history has been that of 'FREEDOM'. Though the Indian civilization is thousands of years old, 15th August 1947 does mark a watershed in the modern India History. This was the time about which it was said that it was like a moment which comes but rarely in history. But regarding DEVELOPMENT. I believe that development should not be judged or seen by face value but by place value. Throughout this entire journey of 75 years, we have shown exemplary resilience, Perseverance and will power. On this day, our first thoughts go to the architects of our freedom, who embodying the spirit of India, lighted up the darkness that surrounded us.

Unity in diversity has been identity and

our strength. Our next thoughts go to those who have worked and working tirelessly for making India strong, prosperous & vibrant nation. We have continued to stand up to the ideals enshrined in the preamble to our constitution, which has been our guiding force in all the ups & downs. The Preamble to the India constitution which reads as "We the people of India having solemnly resolved to constitute India into a Sovereign, socialist, secular democratic. Republic and to secure to all its citizens. JUSTICE social economic and political. LIBERTY of thought, expression, belief, faith & worship. EQUALITY of status & opportunity to promote among them all FRATERNITY assuring the dignity of the individual and the unity and integrity of the nation do hereby adopt, enact and give to ourselves this CONSTITUTION. The ambition of the father of our nation was to wipe every tear from every eye. Well, that may be beyond us but so long as there are tears & sufferings our work will not be over. We are citizen of a great country on the verge of bold advance and we have to work & work hard to give reality to our dreams. These dreams are not only for India but for the entire world. For today all the nations and people of the world are so closely knit together for anyone of them to imagine that it can live apart. To the people & the nations of the world, we send greetings and we pledge ourselves to cooperate with them in furthering peace, prosperity & democracy.

India is a place, Unique in the space.....

Last 75 years of India's independence have been full of challenges and there will be challenges but what is important is that we must continue to strive towards excellence while ensuring inclusiveness & sustainability.

The country is completing 75 years of independence. There were many obstacles in the beginning of this journey of 75 years, but India did not turn back. The country kept on moving forward looking towards its goals. Today the country is continuously moving forward on the path of progress. Today there is no field in which India has not earned a name.

A day worth celebrating for which our ancestors have shed their blood and have struggled a lot. But are we truly justifying the struggle and hard work of our freedom fighters? We should rethink it and should work towards actual freedom of the people of the country by helping them and making them self-dependent and capable enough to support not even themselves but also the country. On 75th Independence Day we should dream of India which is strong and powerful and have the capability to face any problems with unity,

*"Freedom is never dear at any price
It is the breath of Life."*

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75th Years of Independence Azadi ka Amrit Mahotsav

Shaikh Faseaha
TYB.Com., Div - G

As long as you do not achieve social liberty, whatever freedom is provided by the law is of no avail to you.

- B.R. Ambedkar

The Independence Day of India is celebrated on the 15th August to remember the birth of a free and democratic nation, India is all set to celebrate it's 75th Independence Day launched as "Azadi Ka

Amrit Mahotsav". It is celebrated to honour the glorious history of its people, culture and achievements gained throughout these years. The celebrations for the 75th year of independence began on 12th March 2011 in a 75 week countdown and will come to end on this years independence day i.e. 15th August 2022.

For the first time after remaining under the British rule for nearly 200 years, the

nation witnessed the sun of independence. India's first Prime Minister Jawaharlal Nehru unfurled the national tricolour at the Lahor gate of the Red Fort. The constitution of India came into effect, Bhimrao Ambedkar was the chief architect. Adoption of the Indian National Anthem took place. The constituent assembly adopted tricolour as the free India National flag. Representation of the lion capital of Ashoka placed above the motto 'Satyamev Jayate' was chosen as the emblem of the Dominant of India and many other major things took place.

India's Independence is a result of the tireless efforts of unforgettable heroes of the nation even laid their lives in the way of the country's freedom struggle. "Long years ago we made a tryst with destiny and now that time comes we shall redeem our pledge. At the stroke when the world sleeps, India will awake to life and freedom".

Challenges Post Independence

When India became independent there was joy, a long freedom struggle and the sacrifice of millions over decades, finally let to self rule and own freedom and what a remarkable journey it was but along with the joy there was a clear recognition that independence came with tremendous challenges and responsibilities.

India is the second largest populated as well as democratic country in the world. After the independence it has faced so many challenges and most of the times it was successful while India found itself independent from British it was still to find independence from social, economic and political problems that has started to become a rock in the way of its growth. Also problems like poverty, communalism, status of women, corruption, India Pakistan partition etc. are hindrances in the way of economic progress of the country. But by providing legal provision creating awareness among the people, spreading education among the people, it found the remedies for the problems.

Another major problem was the Hindu-Muslim war. The Indian State tried to create a legal framework in which Hindu and Muslims could live together. Also Dr. Ambedkar took up the cause of the lower caste movements in the days of the freedom struggle other challenges can be seen in terms of education and huge illiteracy rate, along with the need for the development of the health sector providing quality medical treatment to poor sections. The real challenge was to evolve effective policies for economic development and eradication of poverty.

Every challenge has an opportunity to go with.

Opportunities post Independence

India, which has now become an impactful country globally has grown a lot since it got its independence. But just like everything else, different people have different opinions about it. While some think that it has witnessed immense growth, others are at the view that the growth is slow as compared to what it should be. India is one of the youngest nations in the world with 62% of the population in the working age group. With millions of youth joining the labour workforce year on year, and skilled workforce. A parallel skills development ecosystem was created where students would go to college to get a degree and learn skills and make them employable.

The Covid pandemic advanced technology adoption by at least 2 decades. The government has made investments in setting up the digital infrastructure. Despite these contrasting views, India has developed in terms of infrastructure, education, healthcare, science and technology and almost in all sectors.

This implies that the country is taking its own sweet time to catch up with the developed world.

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75th Years of Freedom - Challenges & Opportunities

Jigna

"Freedom is our birthright and its protection is our responsibility."

Introduction :

One of the most memorable day in Indian history is 15th August. We celebrate 'Azadi Ka Amrit Mahotsav' which is an initiative of the government of India to celebrate and commemorate 75 years of Independence. India is a land of diversity where people of different, caste, creeds, religions, cultures and beliefs live together. The history of India is thousands of years old. It has faced many foreign invasions in its history.

Challenges :

Indian freedom struggle is one of the most significant progress in the history of India. As well all know how do British lightened their grip on India and started tracting goods like silk, tea and cotton in our country and thus they went to hollowing out our country. To get freedom from the terrible rule, India went through a very difficult phase. There were many movements that helped India achieve Independence such as the civil Disobedience Movement, Dandi March, Quit India Movement and many more. After a long period our country became independent on 15th August, 1947 which emerged as a unity and it is said that - A

nation which is organized can neither break not can be break it.

Opportunities :

We have successfully eracticated various epidemics and palio from our nation. We have made rapit strides in space technology Information technology and scientific innovation. India is among the handful of countries with the fundamental rights to information achieves in UPA Rule India is also the worlds large democracy and the popular world because of its Secular Gedential and socialistic nature. From depending on imported food grains, India now is self sufficient in food production. India is the worlds largest milk producer, with 22% of global production. India also has largest livelstock population. Indian space Research Organisation in the world record sending 104 satellites from one launch vehicle in February 2017. It industry employs nearly 3.97 million people.

Conclusion :

Many Economists are already predicting that 21st century will be the century of India. The freedom we are breathing today that freedom has been possible only by our forefathers. Our forefather have built strong foundation of our country. We should respect this valuable heritage of our country.

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75th Years of Freedom - Challenges & Opportunities

Prabha Alok Sharma

TYBCom, Div - G

On the night of August 15, 1947, when the first Prime Minister Jawaharlal Nehru ji said, "At the stroke of the Midnight hour, India will awake to life and freedom when the world sleeps." How difficult it had been since then to attain dignity, Pride and Liberalism and to run a secular nation."

"We gain freedom when we have paid the full Price" - Rabindranath Tagore has rightly said, To begin it with the Battle of Plassey in 1757 to the East India company ruling India for 100 years in the wake of the India uprising of 1857; till the time when the European and the British traders which led to Industrial Revolution.

The Exploitation by Britishers, their colonial Rule and significant influence, subjugating India and its control of economy, harassment of people, killing the innocents, they had never took a step back to not free the country ever. But unfortunately, these rebellions were unsuccessful and because of the various revolutionaries like Bhagat Singh, Sukhdev, Chandrashekhar Azad etc. and many more such brave unsung heroes, India was free.

India becoming free, was the end of British rule but fighting the battles within the country was more challenging after the freedom. India has successfully eradicated various epidemics and Polio from our nation. We have made rapid strides in space technology, information technology and scientific innovation. But the country ever after decades has been facing problems like poverty, unemployment, population growth, illiteracy etc.

Government with various issues has come up with various opportunities like different schemes, vocal for local for

promoting the home grown brands and Maximize export, start-up schemes, Atma nirbhar bharat, etc. and more which has worked effectively to minimize the drawbacks.

*"The soldiers have died everyday,
for the country to survive everyday.*

*Every heart shed a tear of felicity,
when sings the song of liberty,
equality and fraternity.*

*While singing the verses of Punjab
Sindh Gujarat Maratha Dravida Banga
Vindhya Himachal Yamuna Ganga,
Every Indian with utmost pride, Salutes
the tricoloured tiranga.*

And the end

*when each one of us sleeps at peace, the
mother India takes a sign of relief."*

- The Proud Youth of India

From fighting to attaining freedom the fight wasn't easy, but people there never knew the word impossible, after freedom to developing the fight was equally difficult but as said they never lost hopes, and here we are celebrating the 75th Independence with more spirit every year. The journey from developing to developed will not be easy, in fact could be the most difficult one's till date, but not attaining the word impossible, and with same spirit within no years we will achieve this, as every targets.

"I the youth of India pledge while writing this, to make India developed and make it stand out in the world, with my immense love and hardwork towards my nation, very proudly I utter this "हम हिंदुस्तानी, हम हिंदुस्तानी."

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75th Years of Freedom - Challenges & Opportunities

Vaishnavi Sunil Dongare
SYBCom

Today we are celebrating our 75th independence day. For our country India. Several brave hearts have fought for our liberation and gave immeasurable sacrifices. Almost 200 years, the government of the British governed India. Before 1947, the British government has oppressed our country man a lot. After being tortured, hanged, captured by the cruel Britishers. Finally, We got our freedom on 15th of August 1947.

Before Independence, the condition of Indians was very pathetic as they were under the rule of britisher. For decades Indians suffered a lot under british rule. Indians were treated as slaves but there were people who stood and raised their voice against britishers and scarify their lives to set India free. This is the reason independence Day means a lot to Indians.

As Vivekananda said that "This life is a tremendous assertion of freedom." Every year we celebrate independence Day to give tributes to all the freedom fighters who have given their lives for our freedom. For the every 1st time PM Pandit Jawaharlal Nehru hoisted the flag of India and give a speech to all Indians at Red Fort on 15th August. From that day all school, Colleges, organization & every citizens of India celebrates this day.

Initially, India was described as "Sone Ki Chidiya" due to the excess of resources and minerals found in India. But the British government took away everything by implementing "Divide & Rule" policy. Freedom fighters thought that it would have to end otherwise our generation will live to slavery in the future too.

"Be the changes that you want to see in the world" - Mahatma Gandhi

In India patriotism is a feeling that comes from inside. It is necessary for our new generation to know the importance of patriotism, scarifies given by our leader, freedom fighters & soldiers.

In the last year we are celebrate independence Day at your home & don't step out of the house without having valid reasons and don't forget the hard work & scarifies of our health workers, doctors & every person who has been working so dedicated.

Significance of August 15 :-

The Indian Independence Bill was introduced in the british house of commons on July 4, 1947 and passed within 15 days. on August 15, 1947 the british rule over India ended and marked history. PM Jawaharlal Nehru unfuled the tricolour from red for in Delhi for the first time.

This year the theme of the celebration would be "Nation first, Always first" the Olympians who won medals at the Tokyo Olympics would get specials invites for the events.

Challenges :-

- Illiteracy - Illiteracy is the very serious problem faced by India. According to 2011 census literacy rate is 74% in India, but after independence India had faced problem. It has been enhanced to 66% in 2001. By 2001 it has increased to 74%. Still about 26% are illiterates. Recently through. Article 21 - Right to education 2009 has been guaranteed. Compulsory free education has been implemented to children between 6 to 14 years.
- Communalism
- Regionalism - To control this problem we have some remedies:-
 - It emphasizes national unity & integrity by upholding single national citizenship.
 - It provides enough space for regional development with federal structure.
- Status of women
- Unemployment - According to census

2011 the unemployment rate is 21.9% this indicates the lack of skills, shortage of resources etc.

- Corruption - This are challenges faced by Indians.
- Indias relentless March to independence has inspired people around the world. On the India's 75th Independence day, each of us can make three promises to help us scope with next 25 years.
 1. Respect for science
 2. Cultivate & adopt a scientific temperament

3. Tackle problems by nature
4. Return to the first principles

● **Conclusion :-**

A day worth celebrating for which our ancestors have shed their blood and have struggled a lot. But are we truly justifying the struggle & hard work of our freedom fighters. We should rethink it and should & work hard to actual freedom of the people of the country by helping them & making them self-dependent & capable to enough to support not even themselves but also the country. this independence day we should dream of India which is strong & powerful and have capacity to face any problems with unity.



75th Years of Freedom - Challenges & Opportunities

Roshni Kanojia
TYBCom

Seventy five years ago, on August 15, 1947, India gained its Independence. India's Global interaction with India has defined it as an independent nation throughout its history. The Indian Independence Act led to the founding of India as an Independent nation. The law declared that British rule in India ended on August 15, 1947. On that day, India become an independent Country, and India's first Prime Minister, Jawaharlal Nehru, addressed the nation.

India has come a long way, and we are all celebrating independence because of selfless sacrifice. India has established relations with world powers such as Great Britain, the US, Japan, Russia for maintaining a unique democratic ethos and solidarity with developing countries. At the time of Independence on August 1947 when a new Democratic country which has taken ones the attention of the world with its principles of Non-violence and peace and all had many challenges before it stand in the world scenario.

As India enters its 75% year of Independency, it faces challenges to manage

development, regional, security, a balance of power. A country that today comes across as a strong powerful, the developing nation has achieved and lost so many things in its journey from 1947 to 2022. Poverty, hunger, in equality, rural distress, farmer's suicide and unemployment are major problem which is faced by entire nation today.

The big challenge before the Indian nation is facing is corruption. As the Indian Government demonetized the 500 & 1000 rupee notes for the battlement of India. Another big challenges is unemployment on rise, its one of the biggest problems in India. Millions of educated youth remain jobless due to lack of job oriented education.

In the last seven and a half decades, our country not only faced only challenges and problem but it's also have achieved remarkable development in agriculture, heavy industry, energy production, space technology, nuclear powers and science and research and with all there things, India also have many opportunities for growth and development in future too.

Opportunities for growth and transformation, we look at game changing opportunities for country's business, MNC's. Indian economy can be drastically change If India's poverty connect to empowerment.

India also have the opportunity of sustainable urbanization by building India's growth engines Make in India can be one of the greatest opportunity in today's era. We can also do harvesting of technology by riding the digital wave, it will increase the standard of living of Indians. We should also give importance to women empowerment too.

Azadi ka Amrit Mahotsav is an also initiative of the Government to celebrate and commemorate 75 years of progressive Independent India the Vision of Prime

Minister Modi's to activate India 2.0 which is fueled by spirit of Atmanirbhar Bharat. Our great Indian freedom fighter like Gandhiji, Lokmanya Tilak, Bhagat Singh and many more are being highlighted through this Campaign.

Freedom could never be accomplished If India was not blessed with such great warriors. This celebration could be much joyous if we had our fighters to celebrate it along with us. Once Dr. BR. Ambedkar said on Independent Day that "It is not enough to have just a politically Independent India. What is also needed is to have an Indian nation where every citizen will have religions and political rights, so that every person, will have equal opportunity to develop."

◆◆◆

75th Years of Freedom - Challenges & Opportunities

Archana Polai

TYBCom, Div - G

INDIA, heart & soul of all the Indians. 15th August, is not just a day to take off from all your duties & responsibilities. It's a warrior day, a glorious day for all the Indians. A day where millions of bravehearts shed their bloods, many mother's lost their child, wife lost her husband & the list of sacrifices goes on & on & on.

Our heroes fought a lot for us, they were the one who fought till the last breath to protect millions of other breaths. They were the ones who planted thousands of seeds, did thousands of reformation but never enjoyed those privileges. They just selflessly sacrificed every bit from every corner of their bone & heart & passed away by handing over this beautiful & super power Independent nation INDIA.

On 15th August, 1947 we bagged independence from the britishers. Do penn in your heart that freedom is never given. We had fought for that & extorted from the hands of the britishers.

On this auspicious occasion of celebrating 75th years of independence.

Let's discuss the obstacles & opportunities that we had faced & grabbed slowly and steadily. Obstacles & opportunities are the two sides of a coin.

1. Inequality - Right to Equality, 21
2. Untouchability - Tribal woman created history by being a president
3. Me mindset - We mindset
4. Child marriage - Set a equal age limit by legal authority of India for boy & girl
5. Illiteracy - Right to education from age 6yrs to 14 yrs
6. Manual work - Mechanised work
7. Casteism - All are equal
8. No internet usage - 2nd largest internet users
9. Traditional method of agriculture - Adopted modern method of agriculture
10. Labor intensive - We are working towards capital intensive
11. Unemployment - Skill India

12. Farmers loss/suicide - Various schemes eg:-'Jal Hi Jeevan Hai' Scheme, MSP
13. Dependency - Atma Nirbhar Bharat
14. Ignorance - Internet has filled the gap
15. Job oriented - Startups
16. More expense, less savings - Investment has become hot topic
17. People problems - Startup solution (By launching products)
18. Lack of roads - Infrastructure, eg - Bullet train
19. Human trafficking - Various laws to protect them. Eg- Immoral Trafficking Prevention Act
20. Male dominance - Women can do everything. Eg - Finance minister, Nirmala sitaraman
21. The king's son will be king - Democracy
22. Rigidity - Flexibility, laws can be amended as & when needed
23. Voice Suppression - Be your own voice
24. Rights - People are more concerned about their responsibilities
25. Farmers loans - Financial bank eg- NABARD
26. Problems oriented - Solution oriented
27. Delay in decisions - Alternate dispute resolution
28. Population explosion - Youngistan

29. 1 source of income - Multiple sources of income
30. Starvation - Public distribution system
31. Male dominated sports - Sports are meant for every living being
32. No objection against government - Freedom to express
33. Triple talaq - Article 14 (Right to Equality)
34. Isolation - Collaboration
35. Only agriculture - Diversification eg- Service sector
36. Physical marketing - Digital marketing
37. Market oriented - Consumer oriented
38. Immense loss of farmers incase of climatic conditions - Insurance for crops & tax relief
39. Dominance of public sector - Private participation
40. Densely forest & desert areas - Tourism

India is a home of 138 crores population. There are numerous obstacles & opportunities Indians are tackling on day to day basis. As listed above & recording every thing in this list will become never ending list. Every challenges had backed by opportunities.

Just like a great person once said, "In the end of the tunnel there's always a light"

Jai jawan, Jai kisan

Jai Hind



BEAUTY OF YOU

Beauty is in everything, need perspective
Look up sidedown, what do you see ? beauty!

Stand infront of mirror, Look yourself in eyes
So deep brown, a door to your soul opens
So beautiful, can't take eyes of you , beauty !

Presence of light in dark, so bright

Lighting up dark pitches, taking over darkness Likewise,
presences of your in our life so bright, beauty !

Shades of colours in an art have so many colours,
shows different role of beauty of art
Likewise, different shades of you, shows roles you play, beauty !

Beauty of nature depicts so much, so beautiful
Likewise, Beauty of you depict inspiration to many of us , beauty !

Look in self so much of beauty
Never ending, need is your perspective, beauty !

- Namrata Yadav
FYBSC (Chem-Micro)





मराठी विभाग



शिवाजी महाराजांचे संपूर्ण जीवन

रितिका राऊत

SY BSc.

“जगणारे ते मावळे होते,
जगवणारा तो महाराष्ट्र होता,
पण स्वतःच्या कुटुंबाला विसरून,
जनतेच्या डोक्यावर मायेने हात
फिरवणारा,
तो माझा ‘शिवबा’ होता.”



वरील रांगोळी मी समक्ष काढलेली असून छत्रपती शिवाजी महाराजांना वंदन करते.

स्वतंत्र साम्राज्याचे स्वप्न साकार करणारे संस्थापक श्री छत्रपती शिवाजीराजे भोसले हे एक थोर कर्तृत्ववान पुरुष होते आणि ते आजही आमच्या मनात जिवंत आहेत. त्यांनी शून्यातून केलेली स्वराज्य निर्मिती ही सर्वांसाठी प्रेरणादायी आहे. शिवाजी महाराज हे आदर्शवत स्वराज्य कारभार करण्यात यशस्वी ठरलेले महाराष्ट्राचे पहिले छत्रपती आहेत.

जन्म आणि बालपण:

जुन्नर तालुक्यातील शिवनेरी किल्ल्यावर माँसाहेब जिजाऊंच्या पोटी दिनांक १९ फेब्रुवारी १६३० रोजी फाल्गुन वद्य तृतीया शके १५५१ या दिवशी छत्रपती शिवाजी महाराजांचा जन्म झाला आणि महाराष्ट्राचे स्वप्न पूर्ण करणारा असा धाडसी छावा प्रकटला. शिवाई देवीच्या नावावरून राजांचे नाव ‘शिवाजी’ असे ठेवण्यात आले. वडिलांचे नाव शहाजी भोसले आणि आईचे नाव जिजाबाई भोसले होते. त्यांचे वडील म्हणजेच शहाजीराजे भोसले हे सरदार म्हणून कार्यरत होते.

शिवाजी महाराजांची बालपणाची सगळीच वर्षे ही घोडेस्वारी, गनिमी कावा राज्यकारभार आणि युद्धकला शिकण्यात गेली. त्यांची आई म्हणजेच जिजाऊ शिवरायांना लहानपणी रामायण, महाभारत तसेच इतर महापुरुषांच्या कथा सांगत असत. ह्या सगळ्या कथा ऐकून त्यांना स्वराज्य स्थान करायला प्रोत्साहन मिळाले. त्यामुळे लहानपणीच त्यांच्या अंगी पराक्रम, प्रजा दक्षता हे गुण बाणवले गेले. त्यांचे वडील त्यांना वेळ मिळेल तेव्हा युद्ध कला आणि घोडेबाजी शिकवत असत. याखेरीज दादोजी कोंडदेव ह्यांनी शिवाजी महाराजांना युद्ध कौशल्य आणि नीतिशास्त्र शिकवले.

पूर्वी लग्न ही न कळत्या वयातच होत होती. त्यामुळे शिवाजी महाराज यांचे लग्न सुद्धा किशोर वयातच झाले. निंबाळकर घराण्यातील ‘जिऊबाई’ ही महाराजांची पहिली राणी होती. तिचे सासरचे नाव ‘सईबाई’ असे ठेवण्यात आले. मुघली सत्तांचा रयतेवर होणारा अन्याय त्यांच्या दृष्टीस येत होता, म्हणून त्यांनी रायरेश्वराच्या मंदिरात स्वराज्य स्थापनेची शपथ घेतली.

आयुष्यातील महत्त्वपूर्ण प्रसंग :

निश्चयाचा महामेरू... बहुत जनांसी आधारू... अखंड स्थितीचा निर्धारू... असा श्रीमंत योगी रयतेचा ‘जाणता राजा’ म्हणजेच शिवाजी राजा होय. मित्रांनो, त्या काळी गोवर्कोड्याला कुतुबशाहा, उत्तरेला शहाजहान आणि विजापूरला आदिलशाह यांची सत्ता होती. शिवाय, पोर्तुगीजांनी सगळे समुद्र किनारे ताब्यात घेतले होते. शिवाजी महाराज यांचे वडील शहाजीराजे भोसले हे मुघलांच्या चाकरीत सामील होते. ते आदिलशाहाच्या चाकरीत उच्च पदावर कार्यरत होते. वयाच्या अवघ्या १५ व्या वर्षी महाराजांनी तोरणा, चाकण आणि कोंढाणा हे किल्ले ताब्यात घेतले. तोरणा हा पहिला किल्ला त्यांनी आपल्या ताब्यात घेतला आणि स्वराज्य स्थापनेची मुहूर्तमेढ किल्ल्यांवर ताबा मिळवला. त्यामुळे इकडे महाराजांना लगाम लावण्याकरता त्यांच्या वडिलांना बंदी करण्यात आले. त्यामुळेच पुढची ७ वर्षे राजांनी आदिशहावर थेट आक्रमण केले नाही. शिवाजी महाराजांच्या इतिहासानुसार राजांनी ३०० हून अधिक किल्ले जिंकले आहेत. यांतील शिवनेरी, प्रतापगड, सिंधुदुर्ग, रायगड, विजयदुर्ग, तोरणा, पन्हाळा, सिंहागड आणि प्रबळगड असे असंख्य किल्ले जिंकून महाराजांनी स्वराज्य स्थापन केले.

शिवाजी महाराजांनी कधी जातिभेद केला नाही. त्यांनी सगळ्या जातींच्या लोकांना ‘मावळा’ असे नाव देऊन संघटित केले.

राज्याभिषेक :

दिनांक ६ जून १६७४ रोजी छत्रपती शिवाजी महाराजांचा राज्याभिषेक सोहळा अति उत्साहामध्ये रायगड

किल्ल्यावर पार पाडला. राज्याभिषेकावेळी प्रजेने राजांना भरभरून आशीर्वाद दिले.

प्रजेच्या हिताच्या अनेक योजना शिवरायांनी सुरू केल्या होत्या. स्वराज्याच्या विस्तार झाला होता. अशा प्रकारे शिवरायांनी प्रजाहित दक्ष राज्यकारभार करून खऱ्या अर्थाने 'बहुजन हितय, बहुजन सुखाय' याचा प्रत्यय आणून दिला होता.

महाराजांचा मृत्यू :

हनुमान जयंतीच्या पूर्वसंध्येला शिवाजी महाराज तापाने आजारी पडले आणि दिनांक ३ एप्रिल १६८० च्या सुमारास आपल्या लाडक्या राजाची प्राणज्योत मावळली.

शिवरायांनी आपल्या साम्राज्यातील सर्व लोकांची काळजी घेतली. त्यांनी सर्व लोकांचे कल्याण केले आणि सर्व लोक स्वातंत्र्याचे जीवन जगावे अशी त्यांची इच्छा होती. शिवाजी महाराजांनी कोणावरही अन्याय होऊ दिला नाही.

छत्रपती शिवाजी महाराजांचा लढा कोणत्याही धर्माशी

नव्हता. त्यांचा लढा हा अन्यायाविरुद्ध होता. छत्रपती शिवाजी महाराज प्रजेच्या कल्याणासाठी आयुष्यभर झटले.

शिवाजी महाराजांचे शौर्याचे जितके कौतुक होईल तितके कमी आहे. महाराष्ट्रात प्रत्येकजण शिवाजी महाराजांची जयंती आनंदाने साजरे करतात. आज शिवाजी महाराज जिवंत असते तर त्यांना आजही लोकांकडून अफाट प्रेम आणि आदर मिळाला असता. त्यांनी अन्यायाविरुद्ध लढा दिला म्हणून आपण त्यांचे मनापासून आभार मानले पाहिजेत. भारत युगानुयुगे त्यांच्या बलिदानासाठी ऋणी राहिल.

॥ जय शिवराय, जय महाराष्ट्र ॥

प्रौढ प्रताप पुरंदर

महापराक्रमी रणधुरंदर

क्षत्रिय कुलावतंस सिंहासनाधीश्वर

महाराजाधिराज योगीराज

महाराज श्रीमंत श्री श्री श्री

छत्रपती शिवाजी महाराज



छत्रपती शिवाजी महाराज

श्रावणी संजय चौधरी

SY BSc

“जगदंब! जगदंब
आम्हांला ना चिंता, ना भीती
आमच्या मनामध्ये आमचे
राजा शिवछत्रपती ॥”

शिवाजी महाराजांच्या विचारांचे अनेक पैलू होते. त्यातील महिलांबद्दल त्यांचे विचार खूपच संवेदनशील होते. समाजाची आजची स्थिती बघता शिवाजी महाराजांचे हेच विचार आचरणात आणण्याची गरज आहे.

ज्या काळात बादशाही सरदार, वतनदान वगैरे स्त्रियांना पळवून नेणे, अब्रू लुटणे, जनानखान्यात जबरदस्तीने कोंबणे, गुलाम करणे असे प्रकार करीत असत. अशा अंदाधुंदीच्या काळात मराठी सैनिक शिवरायांचा आदेश शिरोधार्य मानून स्त्रियांच्या इज्जतीचे रक्षण करीत होते.

स्त्रियांसंबंधीच्या गुन्ह्याला क्षमा नव्हती. मग तो कितीही मोठा सरदार असला तरी शिक्षा झालीच पाहिजे अशी सक्त ताकीद शिवाजी महाराजांनी दिली होती. हा

हुकूम जर कोणी मोडेल, तर त्याला इतकी कडक शिक्षा देण्यात यायची की, त्याचा धाक इतर सैनिकांना बसून कोणीही असे कृत्य करायला धजत नव्हते. शिवरायांच्या मते स्त्रियांना त्रास देणे हा गंभीर गुन्हा आहे म्हणून त्यांनी त्यासाठी शिक्षाही हात-पाय तोडणे, डोळे काढणे, देहदंड करणे अशाप्रकारे गंभीर शिक्षाही ठेवल्या होत्या.

शिवाजी महाराजांनी कधीच जातिभेद केला नाही. तसेच स्त्री-पुरुष भेदभावही केला नाही. महिलांना नेहमीच आदर, सन्मान आणि त्यांना संधी देण्याचे कार्य शिवाजी महाराजांनी केले. शिवाजी महाराजांनी शत्रूंच्या स्त्रियांनादेखील नेहमीच मानाने वागवले. मोगली फौजेतील रायबाघीण शिवरायांच्या विरोधात उमरखिंडीत लढली. त्यात तिचा पराभव झाला ती पकडली गेली. तेव्हा शिवाजी महाराजांनी तिला सन्मानाची वागणूक दिली. आदर-सत्कार केला आणि तिच्या छावणीत सुखरूप पोहचविले.

दक्षिण दिग्विजयावरून स्वराज्यात परतत असताना कर्नाटकातील बेलवाडीच्या किल्लेदार सावित्रीबाई देसाई

या शिवाजी महाराजांच्या विरुद्ध लढल्या. त्यावेळी सावित्रीबाईंचा अवमान करणाऱ्या स्वकीय सरदारांना शिवरायांनी शिक्षा केली. सावित्रीबाई देसाई यांचा सन्मान केला. त्यांच्या लहान बाळाला मांडीवर बसवून दूध पाजल्याचे शिल्प आजदेखील यादवाडला पहायला मिळते.

राजकीय संघर्षात महिलांचा अनादर होणार नाही याची दक्षता शिवाजी महाराजांनी घेतली होती. शिवाजी महाराजांनी पनवेल जवळचा प्रबळगड जिंकला, त्या लढाईत तेथील किल्लेदार केसरीसिंह धारातीर्थी पडला. त्याची आई, पत्नी आणि मुले यांना मावळ्यांनी शिवाजी महाराजांकडे हजर केले. तेव्हा महाराजांनी त्यांना अभय दिले. केसरीसिंहांच्या आईचा व पत्नीचा सन्मान करून त्यांना पालखीत बसवून त्यांच्या देऊळगाव या मूळ गावी सुखरूप पाठविले. आपल्या राजकीय विरोधकांच्या आईचा, पत्नीचा, मुलांचा, बहिणीचा आदर, सन्मान आणि संरक्षण करणे शिवाजी महाराजांचे धोरण होते.

मोगल इतिहासकार खाफीखान लिहितो, “जसा भाऊ बहिणीशी वागतो किंवा मुलगा आईशी वागतो, तसे शिवाजी महाराज स्त्रियांशी वागायचे.” शिवाजी महाराजांनी नेहमीच धर्मग्रंथ, धार्मिक स्थळे, स्त्रिया आणि लहान मुलांचा सन्मान केला. महिलांवर अन्याय करणाऱ्या बाबाजी गुजरला त्यांनी कठोर शिक्षा केली. १६४२ ते १६७४ पर्यंतच्या महत्त्वाच्या घटनाप्रसंगी जिजाऊसाहेब शिवाजी महाराजांच्या पाठीशी खंबीरपणे उभ्या राहिल्या. तोरणा किल्ला जिंकणे, अफलखानाचा वध, आग्रातून सुटका, पन्हाळ्याच्या वेढ्यातून सुटका, राज्याभिषेक इत्यादी प्रसंगी शिवाजी महाराजांनी जिजाऊमातेचा सल्ला घेतला. यातून स्पष्ट होते की, स्वराज्यातील निर्णय प्रक्रियेत महिलांचा सहभाग होता. स्त्रीसुद्धा बुद्धिमान आहे, हिंमतवान आहे, कर्तृत्वान

आहे. यावर शिवाजी महाराजांचा दृढ विश्वास होता. शिवाजी महाराजांच्या महिलाविषयक धोरणामुळेच नंतरच्या काळात संभाजी महाराजांच्या महाराणी येसूबाई, राजाराम महाराजांच्या महाराणी ताराराणी या स्वराज्याच्या रक्षणासाठी निर्भीडपणे पुढे आल्या. शिवाजी महाराजांच्या सुनांनी हातात तलवार घेऊन घोड्यावर बसून रणांगण गाजविले, सिंहासनावर बसून राज्यकारभार केला. शिवाजी महाराजांच्या महिलांविषयक धोरणामुळेच हे सर्व शक्य झाले. महिलांनाही जगण्याचा, सुरक्षित राहण्याचा, व्यक्त होण्याचा अधिकार आहे. त्यामुळे महिलांवर अन्याय करणारा स्वकीय असला तरी शिवाजी महाराजांनी त्याला कठोर शिक्षा केली.

पोटी मुलगाच जन्माला यावा अशी अपेक्षा बाळगणारे अनेक लोक आजही आहेत. महिलांचा अनादर म्हणजे शूरपणा समजणारे अजूनही काही महाभाग आहेत. अशा अनिष्ट परंपरा नष्ट करण्यासाठी शिवाजी महाराजांच्या महिलांबाबतच्या धोरणाची आजही गरज आहे. मुलींच्या जन्माचे स्वागत करणे त्यांना संधी देणे हे खरे शिवकार्य आहे. शिवाजी महाराजांना जीवनात अनेक जीवघेणे प्रसंग आले. पण त्यांनी नैतिकता कधीही सोडली नाही. औरंगजेब, दिलेरखान, शाहिस्तेखान, अफजलखानाबरोबर संघर्ष केला. पण त्यांच्याही महिलांचा शिवाजी महाराजांनी आदर केला. महिलांचा आदर करण्याची प्रेरणा शिवचरित्र नेहमीच देत राहिल.

सिंहाची चाल
गरुडाची नजर, स्त्रियांचा आदर
शत्रूचे मर्दन
असेच असावे मावळ्याचे वर्तन
हीच छत्रपती शिवाजी महाराजांची शिकवण।

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सैनिक मी...

खेळता सैनिक-सैनिक,
वेड तुझे लागले
बोलता, भारत माता की जय!
हे देह तुझं अर्पिले
कळत्या तारुण्यात,
जन्मदाते त्यागले
तुझ्या कुशीसाठी,
मी 'सैनिक' नाव कमावले

लढता-लढता कधी
प्राण सुटला कळले नाही
शेवटी...
जातानाही पुन्हा तुझ्याचसाठी
हा जन्म असेन,
हे वचन सदैव तुला राहिल
हे वचन सदैव तुला राहिल...

- संस्कृती दादा ताकपिरे
SYBSc

छत्रपती शिवाजी महाराज

सेजल एकनाथ जाधव

TY BCom - IAPM

भगवा धरला नाही भावनेच्या भरात
३५० वर्षांपूर्वी छत्रपती शिवरायांना
तो रोवलाय तुळशीसारखा आमच्या दारात
मूर्तीकेचे पावित्र्य तव राखिले
स्वराज्य स्वप्न तव साकारीले
गर्जुनिया केलासी उत्सव साजरा
शिवराय तूज मानाचा मुजरा
एकच राजे येथे जन्मले
शिवनेरी किल्ल्यावरी
माझ्या राजाचे नाव गाजतंय
गड किल्ल्यांच्या दगडावरी...

“छत्रपती शिवाजी महाराज की जय” असं म्हटल्यानंतर अंगावर शहारे येतात. त्यांचे नाव घेताच डोळ्यांपुढे महाराजांचे व्यक्तिमत्त्व उभं राहतं. शिवाजी महाराज हे मराठा साम्राज्याचे संस्थापक होते.

महाराजांचा जन्म १९ फेब्रुवारी १९३० रोजी पुणे जिल्ह्यातील जुन्नर तालुक्यात शिवनेरी किल्ल्यावर झाला. शिवनेरी गडावरील ‘शिवाई’ या देवीमुळे त्यांचे नाव ‘शिवाजी’ असे ठेवण्यात आले.

६ जून १६७४ रोजी शिवरायांचा राज्याभिषेक सोहळा पार पडला. छत्रपती शिवाजी महाराजांनी राज्याभिषेक घडवून आणण्यात त्यामागची त्यांची भूमिका ही स्वतंत्र आणि सार्वभौम या दूरदर्शी विचाराची होती. दक्षिणेतील

आदिलशाही आणि कुतुबशाही या राजांनीही बलाढ्य मोगलांचे मांडलिकत्व पत्करले होते. अशी परिस्थिती असताना स्वतःचे स्वतंत्र आणि सार्वभौमिक असे. एतद्देशीय राज्य स्थापन करणे ही गोष्ट सामान्य नव्हती. प्रजेला मुलाप्रमाणे प्रेम करणारे ते राजे होते. स्वराज्याची शपथ घेऊन स्वतंत्र स्वराज्य निर्माण करणारे ते राजे होते. दिल्लीच्या तख्ताला आव्हान देणारा तख्त या महाराष्ट्रात रायगडावर उभं झालं होतं.

शिस्तबद्ध लष्कर आणि प्रशासकीय यंत्रणेच्याबळावर शिवाजी महाराजांनी एक सामर्थ्यशाली राज्य उभे केले. शिवाजी महाराजांनी गनिमी कावा या तंत्राचा अवलंब करून अनेक गड-किल्ले जिंकले. शिवाजी महाराजांना ‘भारतीय आरमाराचे जनक’ म्हटले जाते. गैर कारभारी मुघल सत्तांना हादरून अटकेपार विजयस्तंभ रोवले. शिवराय हे रयतेचे वाली झाले. भारतातील एकमेव न्यायालय जिथे कधी कोणावर अन्याय झाला नाही. पण जो कोणी आज्ञाभंग करेल त्याला महाराज कडक शासन करित असत. छत्रपती शिवाजी महाराज हे एक विलक्षण व्यक्तिमत्त्व होते. ते अजिंक्य असे लढवय्या पुरुष होते. त्यांनी राष्ट्रीय परंपरा सुरक्षित राहिल अशी व्यवस्था केली.

आजच्या पिढीने महाराजांचा आदर्श ठेवला पाहिजे. शिवरायांचे विचार मनात ठेवून आपण एकत्र बदल आणला पाहिजे.

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छत्रपती शिवाजी महाराज

सिद्धी प्रभाकर परब

SY BCom.

मराठा साम्राज्य आणि महाराष्ट्राच्या इतिहासात शिवाजी महाराज हे धाडसी व महान योद्धा होते. शिवाजी महाराज हे मराठा साम्राज्याचे संस्थापक होते. शिवाजी महाराजांनी शून्यातून केलेली स्वराज्याची निर्मिती ही सर्वांसाठी खूप प्रेरणादायी आहे. शिवाजी महाराज हे एक असे राजे होते जे जनतेसाठी जगले व गुलामगिरीच्या जगण्याला त्यांनी नाकारले.

शिवाजी महाराजांच्या वडिलांचे नाव शहाजी तर आईचे नाव जिजाऊ असे होते. निजामशाही वाचविण्याच्या प्रयत्नात मोगलपाठीवर असताना गरोदर असलेल्या जिजाऊंना शहाजीराजांनी जुन्नरजवळील ‘शिवनेरी’ किल्ल्यावर ठेवले व ते त्यांच्या कामासाठी पुढे निघून गेले. तसेच एकापाठोपाठ एक दिवस निघून गेले व अखेर तो दिवस उजडला. ज्या दिवशी मासाहेब जिजाऊंनी शिवाजी महाराजांना जन्म दिला तो दिवस होता फाल्गुन वद्य तृतीया शके १५५१ म्हणजेच

१९ फेब्रुवारी १६३० साली. त्या दिवशी शिवाजी महाराजांचा जन्म शिवनेरी किल्ल्यावर झाला. शिवाजी महाराजांच्या जडणघडणीत मासाहेब जिजाऊंचा खूप मोठा वाटा आहे. त्यांनीच बालपणी त्यांना वीर पुरुषांच्या नैतिकतेच्या शौर्याच्या गोष्टी शिकवल्या म्हणूनच म्हणतात 'शिवाजी महाराज यांना मासाहेब जिजाऊ यांनी घडवले' माता जिजाऊ रामायण, महाभारत, तसेच इतर भारतीय महापुरुषांच्या कथा बाल शिवाजींना सांगत असत. त्यातूनच मग पराक्रम आणि प्रजादक्षता असे गुण लहानपणीच शिवाजींच्या अंगी बाणवले गेले. शहाजीराजे सतत मोहिमांवर असत. पण वेळ मिळाल्यास ते शिवरायांना वाचन, युद्धकला, घोडेबाजी शिकवत असत. शिवाजी महाराज आता थोडे-थोडे मोठे होत होते. शिवरायांचे लग्न किशोर वयातच झाले होते. जिजाऊंनी फलटणच्या नाईक निंबाळकर घराण्यातील सईबाई हिला भोसले घराण्याची सून म्हणून पसंत केले व पुढे सईबाई आणि शिवरायांचा थाटातमाटात लग्नसोहळा संपन्न झाला. शिवराय मोठे होताना त्यांना परकीय सत्तांचा रयतेवर होणारा छळ अनुभवात येत होता. त्यामुळे त्यांनी रायशेखराच्या मंदिरात स्वराज्य निर्मितीची प्रतिज्ञा घेतली होती. शिवाजी महाराजांनी त्यांच्या लहान वयात प्रतापगड, तोरणा किल्ला, विजयदुर्ग, सिंधुदुर्ग असे

अनेक किल्ले जिंकले होते. लोकशाही पद्धतीने राज्यकारभार करणारा राजा अशी त्यांची जगात ओळख असे. इतर धर्मियांचा आदर करणे, स्त्रियांचा सन्मान करणे आणि गरिबांना त्रास होणार नाही याची काळजी घेणे हे शिवरायांच्या राज्यकारभाराचे वैशिष्ट्य होते. शिवाजी महाराजांच्या सैन्यात अनेक जाती-धर्मांची व एकमेकांच्या जीवाला जीव देणारी माणसं होती. त्यांनी कधीही जातीवादाला थारा दिला नाही उलट त्यांनी लोकांना सोबत घेऊन आपले स्वराज्याचे स्वप्न पूर्ण केले. इ.स. १६७४ मध्ये शिवाजी महाराजांचा मराठी साम्राज्याचे 'छत्रपती' म्हणून राज्याभिषेक झाला.

शिवाजी महाराजांनी अनेक कामगिरी पार पाडून ते रायगडावर परत आले. त्यांनी ही मोहीम अतिशय व्यवस्थित पार पाडली, परंतु त्यांची फारच दगदग झाली. त्यांची प्रकृती बिघडावयास सुरुवात झाली. वैद्यांनी त्यांना पूर्ण विश्रांती घेण्यास सांगितले. महाराज आता जसे शरीराने थकले होते तसेच ते मनाने देखील थकले होते. शेवटी तो दिवस उजडला तो दिवस होता ३ एप्रिल १६८० रोजी छत्रपती शिवाजी महाराजांचा मृत्यू रायगडावर झाला. असा एक थोर शूर वीर मर्द मराठा शिवबा होऊन गेला. अशा या शूरवीराला ही जनता अजूनही झुकून मुजरा करते.

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छत्रपती शिवाजी महाराज

कोमल दत्ताराम शिंदे
TY BSc-Zoology

स्वतंत्र साम्राज्याचे स्वप्न साकार करणारे स्वराज्य संस्थापक श्री छत्रपती शिवाजीराजे भोसले हे एक थोर कर्तृत्ववान पुरुष होते. त्यांनी शून्यातून केलेली स्वराज्य निर्मिती ही सर्वांसाठी प्रेरणादायी आहे. शिवाजी महाराज हे आदर्शवत सवराज्य कारभार करण्यात यशस्वी ठरलेले महाराष्ट्राचे पहिले छत्रपती आहेत.

शिवाजी महाराजांचा जन्म १९ फेब्रुवारी १६३० ला महाराष्ट्रातील पुण्यात असलेल्या जुन्नर तालुक्यातील शिवनेरी किल्ल्यावर झाला. एक आदर्श शासनकर्ता, उत्कृष्ट योद्धा व सहिष्णू राजा म्हणून त्यांनी भारतीय आणि विशिष्टत्वाने महाराष्ट्रीय इतिहासात आपला विशेष ठसा उमटवला आहे. शिवरायांच्या वडिलांचे नाव शहाजीराजे भोसले व आईचे नाव जिजाबाई असे होते. जिजाबाई शिवरायांना लहान असताना युद्धाच्या गोष्टी सांगत असत. रामायण, महाभारतातील कथा सुद्धा त्या सांगायच्या. या सर्व गोष्टींचा शिवरायांवर खूप प्रभाव झाला.

वयाच्या पंधराव्या वर्षी काही विश्वासू मावळ्यांना जमवून शिवाजीराजेंनी स्वराज्य निर्मितीची शपथ घेतली. वयाच्या सोळाव्या वर्षी तोरणागड जिंकून त्यांनी स्वराज्याचे तोरण बांधले. पुढे त्यांनी सिंहगड, विजयदुर्ग, लोहगड, राजगड असे शंभराहून अधिक किल्ले जिंकले. त्यांनी युद्धात शक्ती सोबत युक्तीचाही वापर केला. शिवाजी राजे सर्वगुण संपन्न होते. ते हिंदुत्व, संस्कृत व मराठी भाषेचे समर्थक होते. पण त्यांनी दुसऱ्या धर्माचाही आदर केला. शिवरायांचे शौर्य, राजधर्म पालन कल्पकता, संघटन कौशल्य इत्यादी गुणांनी पारतंत्र्यात पडलेल्या देशास स्वातंत्र्य मिळवून दिले.

अखेर ३ एप्रिल १६८० रोजी अशा थोर महापुरुषाने अखेरचा श्वास घेतला. शिवाजी महाराज हे फक्त महाराष्ट्रालाच नाही, तर देशासाठी व संपूर्ण जगासाठी आदर्श राजे आहेत.

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छत्रपती शिवाजी महाराज राज्याभिषेक सोहळा

प्रांजल मंगेश भिलारे

TY B.Sc.

राजे असंख्य झाले आजवर या जगती,
पण शिवबासमान मात्र कुणी न जाहला,
गर्व ज्याचा असे या महाराष्ट्राला,
एकची तो राजा शिवाजी जाहला,

सर्व प्रथम, रयतेचा राजा शिवछत्रपतींना माझा त्रिवार
मानाचा मुजरा!

युगपुरुष, स्वराज्य संस्थापक, रयतेचा राजा, छत्रपती
अशा एक ना अनेक उपाधी ज्या महापुरुषाला प्राप्त झाल्या
आहेत ते दुसरे तिसरे कोणीही नसून अखंड महाराष्ट्राचे
आराध्य दैवत छत्रपती शिवाजीराजे शहाजीराजे भोसले
आहेत. शून्यातून स्वराज्य निर्मिती करणारे शिवराय हे
संपूर्ण देशासाठी तसेच आंतरराष्ट्रीय स्तरावर आदर्श आणि
प्रजादक्ष राजा मानले गेले आहेत.

स्वराज्य निर्मितीच्या स्वप्नात अनेक मावळ्यांनी
शिवरायांची साथ दिली. आदिलशाही, निजामशाही आणि
मुघल या तिन्ही सत्तांनी शिवरायांचे अस्तित्व मान्य केले
होते. आता रयतेचा विचार करून त्यांचे हित जपणे हे
उद्दिष्ट डोळ्यासमोर ठेवून शिवरायांनी राज्यभिषेक करण्याचे
ठरविले. राज्याभिषेक म्हणजे काय तर आपल्या रयतेला
दिलेला ठाम विश्वास म्हणजे राज्याभिषेक.

‘आपला एक त्राता आहे. आपला एक रक्षणकर्ता
आहे, आपलं एक तख्त आहे.’ याची गोरगरीब रयतेला
चिरंजीव हमी देणारा तो सुवर्णक्षण म्हणजे राज्याभिषेक.
६ जून १६७४ रोजी झालेला तो शिवराज्याभिषेक सोहळा
म्हणजे अखिल हिंदुस्थानच्या इतिहासातील सगळ्यात
मोठा सोहळा.

झनझविला भगव्याच्या समान तुम्ही,
जागविले मरगळेले मर्द मावळे तुम्ही,
घडविले श्रींचे स्वराज्य तुम्ही,
ऐसे श्रीमंत योगी अखंड महाराष्ट्राचे कुलदैवत,
श्री राजा शिवछत्रपती तुम्ही...!

राज्याभिषेकाने शिवाजी महाराज छत्रपती झाले
म्हणूनच छत्रपती म्हणजे छत्र धारण करणारा राजा आणि

याच छत्राखाली सर्व जाती-धर्मांच्या प्रजेला न्यायाने व
आपुलकीने वागवले जाईल, त्यांचे संरक्षण केले जाईल
असेच आश्वासन या छत्रपती पदवीत आणि कर्तृत्वात
आहे.

आपल्या अष्टपैलू व्यक्तिमत्त्वाच्या तेजोवलयाने
अखिल भारताला दीपवून टाकणारे शिवराय एक अस्सल
‘युगप्रवर्तक युवानेता’ होते. शिवरायांच्या कार्यरूपी शलाकेने
दशदिशा उजळून टाकल्या. या प्राचीन देशाचे देशपण कायम
राखले. भावी पिढ्यांसाठी एक चिरंतन आदर्श निर्माण
करून ठेवले.

“जगणारे ते मावळे होते,
जगवणारा तो महाराष्ट्र होता,
पण स्वतःच्या कुटुंबाला विसरून,
जनतेच्या डोक्यावर मायेने हात फिरवणारा,
तो माझा शिवबा होता.”

महाराजांनी व्यक्ती म्हणून स्वतःसाठी न जगता,
विलास न भोगता हिंदवी स्वराज्याचे स्वप्न साकारण्यासाठी
प्रयत्न केले.

असा आमचा लाडका राजा! त्यांच्या गुणांचे दर्शन
घडविताना रामदास स्वामी म्हणतात, “निश्चयाचा महामेरू,
बहुतजनांसी आधारू, अखंड स्थितीचा निर्धारू, श्रीमंत
योगी!”

विजेसारखा तलवार
चालवून गेला,
निधड्या छातीने
हिंदुस्तान हालवून गेला,
वाघनखाने अफजलखानाचा
कोथळा फाडून गेला,
स्वर्गात देवानेसुद्धा ज्याला
झुकून मुजरा केला
असा एक मर्द मराठा
शिवबा होऊन गेला।

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हिंदी विभाग



हमारा भारत कैसा रहा होगा...!!

ऋषी-मुनियों के चरणों से शोभित धरा में पेड़ तमाम रहा होगा,
कर्म धर्म भूमी पर ध्यान, ज्ञान की जलधारा का नियमित प्रवाह रहा होगा,
सोचता हूँ आज मैं की...

हमारा भारत कैसा रहा होगा, जब मन-मन में भक्ती भाव रहा होगा,
हर बाते वचनों जैसे और वचनों में विश्वास रहा होगा।

सोने सी चमक चांदी से जेवर, हिरे, मोती और कोहिनूर यही पहचान होगा,
जब पृथ्वीराजने शब्दभेदी बाण चलाया होगा,
राणी लक्ष्मीबाई, वीर शिवाजी, महाराणा प्रताप के साथ उनके घोड़ोने दहाड़ा होगा।

जालियांनवाला बाग, भगत सिंह व उनके साथियों की फांसी,
चंद्रशेखर का अविस्तरणीय बलिदान देखा तो नहीं पर
पढ़ी कहानियों में दर्द इतना, अंग्रेजोने कितना लहूबहाया होगा,
हमारी चमड़ी की झालरों से अपना घर सजाया होगा
हमारे कुएँ में पानी, हमारे खेतों की फसलों और तो साँसोंमें भी कर लगाया होगा।

वो पल सोचता हूँ तो आँख भर आती है,
जब मिल के सबने अपना आजाद तिरंगा फहराया होगा, गर्व से तने सीनोंमें उबाल आया
जब ऊँची आवाजमें राष्ट्रगान गाया होगा, इन खुशियोंमें भी क्या रंग रहा होगा ?
नए नए चुनौतियोंके साथ कई अवसर लाया होगा,
सोचता हूँ आज मैं की जब आझाद हुआ भारत तो कैसा रहा होगा...!!

हमारा भारत कैसा रहा होगा...!!

दीपक कुमार मौर्य

TY BSc

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गझल

मेरे मौजूदगी की क़दर करले,
जो है तुझे पे फ़र्ज़ वो अमल करदे..
मैं हूँ रहगुजार अंजान रास्तों का,
मुकर्र मेरे लिए कोई रहबर करदे..
इश्क के इम्तेहानसे बेशक़ में हूँना वक़िफ़,
क़लू इल्म हासिल ऐसी कोई किताब मुझे दिलवाड़े..
जज्बातो के अरपातलो में तेरे पड़ी है खुशीयो की शिशी कोई,
गम की वबा मैं पड़ा हूँ किसीके हाथोही सही दावाई भिजवाड़े..
नींदसे बैर रखके मुझे ख्वाबोका मोहताज बनाया,
चुराके फिर सरहाने से तकिया उसके गावके नज़्म मुझे सुलादे..
मेरे मौजूदगीकी क़दर करले,
जो है तुझे फ़र्ज़ वो अमल करदे..

मोहम्मद फैज़
TY BCom - F
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Department Reports



Department of Accountancy

Title of event - Interaction and Career Counselling - CA and Allied Field

Date - 29th September 2022

Resource Person - CA Murtuza Kachwala, Chairman – Western India Regional Council of ICAI. CA Virag Shah, Career Counsellor- WIRC of ICAI

Objective - To guide students about career opportunities and Scope in the Chartered Accountancy and Allied field

- CA Murkutza Kachwala enriched students with his vast knowledge and experience in the field of Chartered Accountancy. He highlighted career opportunities in the Accountancy and Auditing Field Namely- IT Audit, Forensic Audit, International taxation, Management Responsibility and Reporting, Sustainability Reporting and many more.
- CA Virag shah spoke about the entry level for CA Course after 12th exam or entry after graduation. He had discussed fee structure of Foundation, Intermediate and Final Course. Your signature is more powerful than PM's

and the government also believes in the chartered accountant signature. 107 students attended the session.

Title of event- Investors Awareness Program

Date- 26th August 2022

Resource Person- Mr. Amogh Gothoskar

Objective- To educate students about wealth management and investment avenues

Mr. Amogh Gothoskar explained Awareness of Capital Markets, how to build assets by investing, how compound interest is beneficial for Asset Growth. He also made calculations of investment and returns. He discussed the various investment avenues and importance of financial planning.

He made session interactive and encouraged students to ask questions. He addressed queries raised by students satisfactorily. Students were overwhelmed by his talk and asked for such further webinars. 97 students attended the session.

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Department of Botany

Following activities were organized by the department during the year 2022-2023

- Two days workshop on Research Based Projects was conducted on 14th and 20th July 2022 by the Department of Botany. Mr. Kiran Badve and Dr. Jitendra Pendharkar were invited as a resource person. Students were guided to design the research projects. Mr. Badve shared a thought a designing a SMART Target for research projects. On Second day, students presented the posters displaying research projects. Dr. Pendharkar and Mr. Badve evaluated the presentations and guided the students on designing the research projects.
Students UG: 45 Teaching: 7

- Department of Botany in association with Environmental Awareness Committee, NSS and Vayam NGO, Jawhar celebrated the World Forest Conservation Day on 23rd July 2022. A team of 22 students and 4 faculty members visited a small village at Jawhar and conducted a plantation drive. 200 plants of Bamboo, Moh, Subabhul, Soapnut, etc. were planted with the help of villagers and program officers of Vayam NGO. Students interacted with tribal to identify the medicinal plants and millets used by them.
- A "Rangoli competition" was conducted on 17th August 2022 from 8:00 AM to 2:00PM in the Department of Botany,

K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai, Maharashtra, India. The theme of the event was “Tiranga”, which was held on the occasion of “Azadi ka Amrit Mahotsav”. Twelve groups of participants meticulously worked on their Rangoli patterns and colours to bring out their talent.

Students UG: 25 PG:11

- Industrial visit at K J Somaiya Institute of Applied Agriculture Research (KIAAR), and Godavari Biorefinery, Sameerwadi, Karnataka was arranged on 18th August to 20th August 2022. Discipline wise groups of the students were made and they interacted with Dr. Arati Yadvad, Dr. Kongawad, Dr. Vijay Gangaraddi and Dr. Asinge from Plant Tissue Culture, Microbiology and Soil science department.

Students proposed projects for their internship. Each project was analyzed and approved by Director (KIAAR) Dr. Ashok Kadlag. On third day, Students visited Distillery and Biological Treatment Plant. Dr. Krishna explained the mechanism of fermentation, working of fermenter and automation in the process. Mr. Yasmin explained the working of an anaerobic water treatment plant and functioning of trickling filters and sedimentation tanks. Students also visited Solar magic Ltd. to understand the processing of turmeric as marketable product.

Students UG: Nil Students PG: 12 Teaching: 1

- To celebrate commemorative day on International Day of the World's Indigenous Peoples held on 9th August 2022 and on the occasion of International year of Millets an exhibition cum Food Festival of “Ranbhajya and Millets” was organized on 23rd August 2022 from 11:00 AM to 1:30 PM in the Department of Botany, K J Somaiya College of Science and Commerce, Vidyavihar, Mumbai, Maharashtra, India. It was conceived

essentially as an exposure to know the food culture of tribal communities and feel the taste of them and to acquaint students with different types of millets which were kept in exhibition, there were eleven Ranbhajya and nine millets.

The programme offered nine dishes which were relished and appreciated by esteemed faculty members, non-teaching staff and students. The recipes were thoroughly researched and cooked by faculty and students in order to retain the best of the taste and authenticity and health benefits of the dishes prepared.

Exhibition on Millets received much attention, as people enjoyed the display of posters and material, this showcased the varied varieties of millets and motivated everyone to adopt the healthier food choices.

Students UG: 10 Students PG: 12

- We the flora club of Department of Botany organized Ozone Day on 16th September 2022. A team of student volunteers of the club (B.Sc, B.Com), organized the event. Event started with campus prayer, followed by presentation on importance and the causes for depletion of ozone layer. Students participated in the quiz based on the presentation and the winners were facilitated with prizes.

Students UG: 75 Teaching: 03

- Field visit to Pachmarhi Forest Reserve, Madhya Pradesh was organized by Dept. of Botany, KJSSC during 5th January to 10th January 2023 for UG and PG students of Botany. Mr. Saheb Khan Field collector accompanied us for 3 days who guided the students about forest biodiversity. Students collected the representative flora of Pachmarhi to preserve it for demonstration of morphological and anatomical characteristics. Students had a trek approximately of 12 kms through Satpura Mountain range. Students visited Apsaravihar, Bee fall, Silver fall,

Gupta Mahadev, Jatashankar, etc. Students have documented the specific flora of Pachmarhi.

Students UG: 23 Students PG: 11 Teaching: 2

- Intercollegiate Festival “Vruksham-23: Enchanto” was organized on 21st, 23rd, and 24th January 2023 by the Department of Botany. The fest was inaugurated on 21st, by Mr. Rafiq Shaikh. His opening talk “Everyday Science” revolved around developing scientific thinking, scientific temperament and itswise application in life. His elaboration on scientific literacy helped students have a comprehensive perspective of their educational journey. The latter half of the day, the demonstration of Fold Scope was conducted in the Botanical Garden in the campus. The students were amazed to observe microscopic details of floral structures using a very affordable, compact, travel friendly ‘Fold Scope’. It also made them realize that the pursuit of science need not have really expensive tools, and that it could be done with a lot of enthusiasm and a smart use of simple everyday accessories. The next day, a very interesting talk by Dr Ranee Prakash, about the contributions of “Dr Wallich to the Indian Natural History” gave a glimpse in the evolution of classification of plants and the technique of their preservation over the years. The students were given a global perspective in study of plants and its scope in near future. As part of the fest, competitions such as Sanjeevani (Treasure Hunt), Parakh (Blindfolded Identification), Chitra Rekha (Drawing Contest), Tu Bhi Kya Yaad Karega (Memory Game), Zyqa (Taste Tasting Event), AnkhonDekhi (Photography) were organized. Each of these games had several levels of elimination and winners were declared at the end of each event. Several Startup

stalls (food, pickles, perfumes) were exhibited which demonstrate the culinary and entrepreneurial skills of students. The fest was concluded with congratulating all the team members for their efficient contribution and making the fest successful at national level.

Students High school: 28 UG: 97PG: 11 Teaching – 07

- Department of Botany had participated in the exhibition, Plants, Flowers and Medicinal Plants Show-2023 organized by N ward of BMC on 11th and 12th February 2023. Potted air purifying indoor plants along with their information were displayed in the exhibition. Student volunteers interacted with visitors of different age groups and encouraged them to grow plants and also to propagate and maintain them at their home. People from NGO’s and other organizations also visited. Some of the NGOs such as Hariyali foundation also invited our students to join their organization and were also willing to sign MOU with us.

Students -11 Teachers -04

- Department of Botany had participated in the exhibition, Plants, Flowers and Medicinal Plants Show-2023 organized by Mumbai Metropolitan Region Development Authority and Maharashtra Nature Park Society on 24th, 25th and 26th February 2023. Students got an opportunity to display and share the information about air purifying and aromatic plants. They interacted with visitors of different age groups and encouraged them to grow plants and also to propagate and maintain them at their home. The Director of Maharashtra Nature Park appreciated the efforts of our students.

Students -18 faculty -06

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Department of Chemistry

Activities Organized:

1) Career Orientation Program:

Name of resource persons invited for this events :-

Mr. V.V Sawant, Mr. Saumitra Pawar, Ms. Vrushali Dabake, Ms. Karuna Vishwakarma, Mr. Sayyed Wasim.

This event organized in aim to fullfill following objectives.

- To provide students with various strategies for preparation of Bank Exams,
- To provide information about the career opportunities in the field of dance.
- To discuss about the higher education opportunities abroad, the programs available, the fee structure, scholarships, the formalities required etc.,
- To explain the importance and scope of clinical research.

2) Find a Key to Stereohouse : A stereochemistry workshop:

The exhibition was inaugurated by Dr. Pradnya Prabhu, Principal, K J Somaiya College of Science and Commerce. MSc Organic Chemistry Semester III students organized exhibits on Stereochemistry themes.

3) 'Quimicalnorganica' – Exhibition on Application of Inorganic Chemistry in Industry:

A Poster Exhibition was organized on the topic, 'Application of Inorganic Chemistry in Industries' by M. Sc. Part II students of norganic Chemistry branch under the guidance of faculty of Inorganic Chemistry, Department of Chemistry in collaboration with CLUBREACT on 14 th September, 2022. The event was inaugurated by Principal, KJSSC, Dr. Pradnya Prabhu in the presence of Head, Department of Chemistry Mrs. Madhavi Kate.

4) Learn from Stalwarts 2023:

This is a annual event organized by department of chemistry. This year the department of chemistry has invited following eminent speakers.

Prof. Suvarn Kulkarni, Prof. Balakrishna, Prof. Sandeep Nigam Prof. Kalsi

5) Rasayan:

Club REACT is a newly formed Club by the Department of Chemistry, K J Somaiya College of Science and Commerce. We initiate and organize the various extracurricular activities for the students with the Chemistry Department under the guidance of our teachers which help students explore and think about Chemistry in new dimensions. This club will ideate and execute one of the most hyped fests RASAYAN 22-23. Our motive is to REACT in the most appropriate manner seeing the situation as our motto rightly goes, "Small Re-Action for a bigger Creation".

Event Name	No. of Registration
Quizar (Quiz)	74
Starwars (Debate)	44
Astro race (Relay race)	89
Shooting Stars (Photography Event)	79
Lost in space (Treasure hunt)	191
Orbital Locha (Game of Atomic)	90
Starstuck (Unique Talent)	53
Kismat (Chem-Housie)	187
Let's Start Brewing	60
Overall registration	315

6) Online Quiz on "INDIAN FREEDOM STRUGGLE"

The Department of Lifelong Learning and Extension in association with department of Chemistry had organized an

online quiz on “Indian Freedom Struggle” on azadi ka amrit Mahotsav on 12nd August 2022. The main objective of conducting this quiz was to understand the role of freedom fighters and their contribution in the process of independence of India. The quiz was open to all the students and teachers of various colleges. 220 participants successfully attempted the quiz. E-Certificates were provided to the successful Candidates.

7) **Orientation session to One Credit Certificate Course on “Introduction to Computational Methodology in Molecular Modelling and Drug Discovery”**

The Department of Chemistry is conducting a One Credit Certificate Course on “Introduction to Computational Methodology in Molecular Modelling and Drug Discovery” in January 2023.

An orientation session for course was organized on 14th December 2023 at 6:30 pm on zoom platform.

The resource person is Ms. Sruthi Sudhakar, Prime Minister’s Research Fellow, Nucleic Acid Chemical Biology Lab, I.I.T. Bombay.

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Department of Commerce

Department of Commerce, Commerce club has organised their first event for the academic year on 23/7/22. Mr. SswapnilParshurami is the alumni of KJSSC who was invited as a guest speaker for the session. The session begin with understanding the meaning of the term corporate mis communication. He discussed several examples of wrong communication in the Corporates such as sending incorrect emails, body language and gestures etc. the speaker also focused on verbal and non-verbal communication in corporate world

Department of Commerce has organised the talk for Export marketing students on the topic of Marine Risk and insurance by Mrs. Trupti Girkari. The discussion started with discussion of various case studies on marine risk and importance of marine risk in export marketing. Speaker discussed various types of policies available as per the requirement of the exporter and risk involved.

Department of Commerce, Commerce club and Human Library has organised a workshop on Team Building and Group

Dynamics conducted by Dr.Kasturi Naik. The session was based on the activities conducted by the speaker. Activities included group activities through which learners gained knowledge about different aspects of Team building. The speaker conducted the event through activities, games and discussion.

Avsar – kuch kar dikhane ka

Festival organized by Commerce Section

Commerce Section organized festival ‘Avsar-Kuchkardikhaneka’ on 9th and 10th January 2022. Several events were organized by the students such as Elocution competition, debate, Guess me, Essay writing etc. an exhibition was held of the posters and photographs by the students on the given themes. Start-up pitch, Ad-mad shows competitions were held to showcase the talent of students. Management games and Share Bazar events were conducted on the second day of the festival.

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Economics Department

1. On Saturday, 6th of August 2022 at 10:30AM Poster Competition was conducted by the Economics Department of KJSSC in the classroom No. 201 (old wing). Topic were under Azadi Ka Amrit Mahotsav :- Swacch Bharat Mission-Jal Shakti Abhiyan-Beti Bachao Beti Padhao.

21 Students participated and the event went on for one hour.

Following were the winners

1st prize was awarded to Mr. Sohul Prajapati (SYBSc)

2nd price was shared by Ms. Taiyaba Jindran (TYBCom), Ms. Shraddha Tiwari (SYBSc)

2. Student Development Programme in collaboration with IBS was organised by Economics Department on 16th August, 2022, for TYBCom students. The session began with prayer and brief introduction of the guest by Sakshi. The resource person Ms. Chitvan Mehrotra explained about different opportunities under Marketing, HR, Banks after graduation. Queries of the students were resolved in the Q & A session. Various scholarships offered by IBS were informed to the Stakeholder.

3. On 9th February 2023, Students were requested to select amongst various sectors namely, Health, Agriculture, Education, Infrastructure, Energy etc. and prepare an analysis video on comparison between Union Budget 2022-23 and 2023-24 of those particular sectors. Brochures were circulated expecting maximum participation.

Registrations terminated on 13th February 2023. Post which, on 17th of February 2023 winners were announced and prizes were distributed by Mr. Puneet Gupta.

Winners of Union Budget Analyst:

1st Prize: - Mr. Shani R. Pal

2nd Prize: - Ms. Vaishnavi S Poojary

3rd Prize: - Ms. Archana Polai

4. On March 15th, 2023 a quiz competition was organized for students on cognizing about Consumer Rights available in the court of law for the protection of Consumer's interest. Link was circulated in all official groups. Students were requested to participate for the quiz in huge mass. The duration for participating in the quiz concluded at 7 pm. Activity witnessed a huge contribution from students.

National Conference (to be on separate page)

On 12th September 2022, a National Conference was organized by Commerce Stream of KJ Somaiya College of Science and Commerce on the topic "Emerging Trends in" Innovation and Entrepreneurship Post COVID : Commercial and Social Aspect's.

Conference was commenced by welcoming all resource persons and participants.

Dr. Swati Rautela cited an Overview of Social legal perspectives of Social Entrepreneurship. Mr. Paresh Sheth discussed about entrepreneurship skills for the future where as Mr Utpal Chakraborty talked over Merging Trends in Capital Market also enlightened about Crypto currency Post COVID followed by Mr. Nikunj Sharma briefing about Funding Capital of Startup. And participants presented their Research Paper in conference present and lastly conference ended with a formal vote of thanks.

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Department of Geology

- 1. Guest lecture on Digging into Paleontology: a walkthrough of its applicability and scope, 11.05.2022:** The Department of Geology organised a webinar on “Digging into Paleontology: a walkthrough of its applicability and scope” by Subham Kumar Patra, Prime Minister’s Research Fellow, Indian Institute of Technology, Bombay - Maharashtra. The Aim of this webinar was to enlighten the audience about the role of fossils in interpretation of past climate, its effect and also the future opportunities for a budding geologist. The speaker for the webinar was Subham Kumar Patra, He shared his current research work in the field and his experiences. The session was really intriguing and we received wonderful feedback from the participants.
- 2. Museum Visit For grade VIII students from Somaiya school, 03.08.2022:** To make the students aware of the types of coal, its uses and how such fossil fuels can be put to good use a session was conducted by Mr. Robinprince Udhaya Edward. The session started with the introduction to the department and the various opportunities the students have in future. The lecture included the mechanisms by which coal forms, how coal is used as a resource in various industries and as domestic fuels, different types of coals and their grades. The lecture also included current research on coal which includes making artificial coal using agricultural waste to make it recyclable and how such research can create a sustainable environment. Finally the lecture concluded with question and answer session and a visit to the geology museum.
- 3. “Water and warfare: Lifeblood of forts to weaponization in modern times”, 06.08.2022:** The Department of Geology organised a lecture on “Water and warfare: Lifeblood of forts to weaponization in modern times” for the benefit of students who made up the majority of the attendees, Prof. Bobby Mathew, Xaviers College , Mumbai, discussed how and why water is so important for the survival of humans. He shared his vast research work on the various forts in and around Mumbai and threw light on the various water management and rain harvesting methods that were adopted in the past. Using relevant photos and images from his own collection, he explained how nowadays water is being used as warfare as well. A large number of the participants attended the lecture. It was presented in a very interesting manner and was simple for beginners to understand. For the undergraduate students also they could connect to the relevance of the applied aspect of hydrogeology. It was very well taken by the audience.
- 4. To celebrate the 75th Independence Day, On Saturday, 13th of August 2022 at 12:00 pm a poster making Competition was conducted by the Geology Department of KJSSC in the Geology lab. Topic was “How we see India in 75th year of Independence” 38 Students participated in the event. It went on for two hours. 1st prize was awarded to Ms. Rachana (Group 10) Msc II.**

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Department of Mathematics

1. "An invitation to Mathematics": A series of lectures Introducing various topics in Mathematics

The Department of Mathematics, K. J. Somaiya College of Science and Commerce association with Indian Women and Mathematics Organized this lecture series, which is for FY, SY, TY-BSC students. The Resource Person Prof. SaradhaNatrajan spoke about the A Bullet train journey from Diophantus (250 C.E.) to Erdose (1913-1996). Prof. Ujwale Deshmukh spoke about the Challenges in Mathematics and various real life applications of Mathematics. Prof. ParvatiShastri Spoke about Integral Quadratic forms representing all integers. Prof. Jyotshana Prajapat Spoke about Inverse mapping theorem and its applications; how the Mathematics played a very significant role in the progress of human life, how the Study of Mathematics started with beginning of study of number pattern, counting and measuring, etc. Also, Prof. Jyotshana Prajapat shared her personal life experiences in research field. Another highlight of webinar is that the all resource person addressed all questions raised by participants. The feedback of the participants indicates that the lecture series has served its purpose owing to demand of more such Lecture Series in future.

2. Workshop on "Advance Google Sheet Training"

Workshop was for TYBSC, SYBCOM and TYBCOM students. In the first session, the Resource Person spoke about the importance of Advance Google Sheet. How the google sheet is helpful for data Analysis. In the second Session, he spoke about some important functions like conditional function, String function & Mathematical Function, etc. In the third Session, he spoke about Data Analysis using Google sheet, Advance Filtering & Condition Formatting. In the fourth session, he spoke about Autocrat & linkage among Google tools. Also, The Speaker spoke about the importance of Mathematics in data Analysis and he shared his personal life experiences and

another highlight of webinar is that the resource person was addressed all queries of the participants.

3. Mathletics

The event was organized by the committee members of the Club which were diversified into B.Sc. Math/Physics/Chemistry, B.Com, Arts, Engineering along which some volunteers under the guidance of Head of Mathematics Department, Prof. Subhash Krishnan and the supervision of Prof. Makarand Niphadkar, Mr. Mst. Hetvik Gada students from TYBSC Mathematics and Co-founders of the club have done the preparation and execution of several games & activities such as Tapu Sena's Quizeria, Popatlal's Hexagon, Treasure hunt, Harmony, Bhide's math scapade and Bapuji and Ladders. Students from many different universities and colleges from all over India had participated in the event. A total of 800 + students registered.

4. Hindi Diwas

The Department of Mathematics celebrated Hindi Diwas on September 21st 2022.

On this occasion, Shri K. D. Singh, Retired Head of Hindi Department of junior College, K. J. Somaiya college of science and commerce was invited as chief speaker. Several other teacher members from junior and senior college like Dr. Jitendra Pendharkar, Dr. Vinod Trigunaty at, Ms Vaishali Nikumbh and Ms Divya Rai recited Hindi poems. The Chief guest, in his speech motivated the students to be attached to their roots and culture.

5. "National Mathematics Day"

On the occasion of "National Mathematics Day", Department of Mathematics had organized a session on documentary of Sir Ramanuja's life and a talk on the topic "Mathematics of God" by Mr. Hetvikgada (TYBSc Student). FYBSc, SYBSc and TYBSc Mathematics students were present for the session.

6. Outreach Activity-Workshop on Vedic Maths

Students of TYBSC Mathematics and SYBSC visited Central Railway secondary school and junior college, kalyan west on 27th January 2023 under department's outreach programme. It was a one day session on Vedic Mathematics. Mr. Prabhat sir (Prof. mathematics department) accompanied the students. The session started at 11 a.m.

There were two classes for the session. After the interaction with the students, the session started with introduction of basics of Vedic mathematics and their benefits. Worksheets were distributed to help students work out exercises using rules of Vedic Mathematics. They enthusiastically got involved with the session which ended at 2 p.m.

The session with students helped our students to realise challenges and satisfaction received in teaching. Students of Central Railway Secondary school and Junior College have understood ways of solving arithmetic problems faster which will play a big role in their success in future.

7. Workshop on Vedic Maths

Students of SYBSc and TYBSc Mathematics Visited in Z, P. Prathmikshala, Panvel On 14th and 15th Dec.2022 under department's outreach programme. It was two day session on Vedic Mathematic. After interaction with students, first session we started with introduction of vedic mathematics & their benefits, base and complement, which taken by Ms. Komal Patil. In Second session, Ms. Sonali Kalantre took topic multiplication of single & double digit and after solving some more problems, we ended the first day session.

On second day 15thDec. 2022 Ms. Nashra (SYBSC student) started with revision of first day and how to remember tables from 2 to

9. Students were really enjoyed tricks which helped them to learn tables. Then Mr. Sidhesh and Mr. Mahesh (TYBSC Maths) took some activity-based learning. They all enjoyed enthusiastically involved in activities. After lunch break, Ms. Shewta Daware started with story of akbar-birbal and then short tricks of finding square of numbers.

Next session Ms. Kiran Yadav started with division of numbers. Worksheets were distributed to help students work out exercises using rules of Vedic Mathematics. They enthusiastically got involved with the session which ended. Remaining all team member Pranjal, Nibedita and Tanmayee helped in volunteering.

All students are really enjoyed activity organized and they are demanding such activity in future to be organized.

8. "Enriching Expressions: A Workshop on Vedic Mathematics"

The Department of Mathematics association with Department of Lifelong Learning & Extension, K. J. Somaiya College of Science and Commerce organising a Workshop on "Enriching Expressions: A Workshop on Vedic Mathematics" on 18th August 2022 & 20th August 2022.

Workshop is for SYBSC, TYBSC and MSC students. The Resource Person spoke about the Benefits of Vedic maths. How it is help full in fast calculation as compared to usual method. On first day, he explained Multiplication, Squares, Square root, Base method and on next day, he solved sums based on different bases, Also he explained division by 5, 25, 125 & division by base 10. On both days, he gave worksheet which contains various types of problems. Also, The Resource Person was shared solution of both worksheet and another highlight of webinar was that the resource person addressed all queries of the participants.

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Department of Microbiology

An Exhibition on Fermented Food festival in collaboration with Microbiology Society of India.

The objective of the event was to :

- provide a platform to showcase the creativity of students in the form of fermented food products and poster presentations and
- Raise awareness about Fermented Food Products and their health effects.

Fermented food festival was organized by the Department of Microbiology in Collaboration with Microbiology Society of India on 30th August 2022 at 1:30- 3:30 pm. Students from UG and PG exhibited about nine homemade fermented food product such as: Kimchi, Amboli, Kannchi, Fusion Idli, fusion Dhokla, Yoghurt smoothie, Wine, Uttapam etc . Along with the food products, poster were presented for each food item in which they elaborated on preparation and the important role of microorganisms. Ms Chitra Trehan, Associate professor, HoD, Economics was invited as a judge for the event. The First prize was owned by S.Y.B.Sc. students for Kimchi and second prize by T.Y.B.Sc students for fusion Idli.

Celebration of Azaadi ka Amrit Mahotsav

A Seminar on “Aahar Kranti” & “Plate Art” was held on the occasion of Azaadi Ka Amrit Mahotsav for celebrating India’s 75 th Independence Day on 15th August 2022 by Department of Microbiology.

Plate Art Competition:

To celebrate Azadi Ka Amrit Mahotsav and lend a way to express the feeling of patriotism via painting on agar plates.

The participants were provided with agar plates and were informed to use only those colors that are a part of the national flag. All the participants exhibited good artistic aptitude. The Judge for the competition was Ms. Vrushali Ghate, Assistant professor from DL.Ed College, Somaiya Vidyavihar University.

Following were the prize holders for the event:

	Participants	Class
1st prize	Ms. Disha Gangurde	TYBSC
2nd prize	Ms. Shraddha Tiwari	SYBSC
3rd prize	Ms. Disha Joshi Ms. Shweta Maurya	TYBSC FYBCOM

Seminar on Aahar Kranti

The purpose of the event was to make participants aware of the importance of having a proper diet, microbiome and its connection with the human body and health. Dr. Rashmi Kulkarni started the event by talking about how malnutrition in children affects their health which leads to life-long health problems and how proper nutrition provides healthy brain development and its importance in early age. She made the audience aware of the importance of being local and eating local food for a healthy microbiome and also about the importance of eating cycles throughout the day. At the end there was a question and answer session where she answered all the questions asked by the participants.

Microscope: An Intercollegiate Event

The purpose of the event was to facilitate a platform for the students to organize an event and to encourage them for extracurricular activities.

On 17th September 2022, Department of Microbiology of K. J. Somaiya College of Science and Commerce organized the Inter-Collegiate event MICROSCOPE-2022. The event witnessed a number of 93 participants from Colleges throughout Mumbai. Participants were from diverse fields ranging from the Colleges with Undergraduate and Postgraduate programs having biological backgrounds. Presento, The Brain Jam, Loopful of Art, Cast a Spell, Unrehearsed, Decode the Antidote, Biomimic, and Micromeme (online) were the events for the day. Snack partners: Brew culture, Dikuji Kitchen, Buzz café, along with Himedia, Jay Motors, NS. Khan, Dr. Padalia

were the sponsors for the events. The events were judged by senior and experienced faculty members from Microbiology, Biotechnology and Botany subjects. Winners for different events were appreciated and awarded with trophies and Certificates. Mr. Shabib Khan worked as the Convenor for the event.

ENRICHING EXPRESSIONS

Department initiated a Lecture series by the alumni – ENRICHING EXPRESSIONS which was co-ordinated by Dr. Lolly Jain. This initiative provided an opportunity for the alumni to come back to their alma mater, revive the ties with the institution and contribute towards its development with their expertise and experience. At the other end, the students were benefitted by knowing the different career options available to them and recent developments in research areas.

1. Walking the career Path

The event began with the campus prayer followed by welcome address from the Head of the Department of Microbiology, Dr. Lolly Jain. She introduced the speaker and handed over the session to the resource person. The speaker appreciated Microbiology department's initiative for organizing such sessions. He shared his bachelor's & master's journey along with the project he worked on. He discussed about the job opportunities in the field of Nano biotechnology as well as his current working activities. Students were motivated by his talk and were interested more in knowing about the job opportunities. He encouraged the students to work hard and sincerely so as to achieve the goals that they have set for themselves.

Summary of the Sessions:

Sr. no.	Date of the Session	Speaker	Topic
01	05/12/23	Mr Vishal Shetty Technical officer at NACO-KSAPS, Neurovirology department, NIMHANS	Walking the career Path

Counselling sessions for UG & PG:

The objective of the session was to facilitate an informal introductory motivational session of UG & PG Microbiology students with a Counsellor.

Session was initiated by the warm welcome of counsellor Ms. Kshitija Sawant. She addressed various problems faced by students and further advised on various points such as to focus on personality development, to manage academics and co-curricular activities, to maintain mental health etc. She expounded on MPS – M-Meaning of life P- Perspective S- Strengths. She also suggested writing a diary which could provide more clarity about thoughts, anger & mainly stress management. It was a good introductory session which ended with a warm vote of thanks.

Title of the session	Date	Class	Venue
Introductory session with counsellor	15/12/2022	PG	PG lab
	10/11/2022	TY	UG lab
	8/12/2022	SY	UG lab
		FY	

Parent Teacher Meet

The objective was to present:

- The academic terms and evaluation pattern.
- The use of different types of Assessments.
- The events, commemorative days and curricular, co-curricular events conducted by the department.

Parent-teacher meeting initiated with a brief introduction of the department and faculty members by the HoD. There was a brief presentation highlighting the vision, academic terms, evaluation pattern, graduate attributes, career scope in Microbiology, student progression, commemorative days and department fest. Department staff members discussed the innovative methods of evaluation and shared the updates of examinations. Parents appreciated the efforts taken by the staff members for the academic growth of the learners in a holistic manner.

Title of the event	Date	Class	Venue
Parent-teacher meet	27/08/22	TY	UG
	10/09/22	SY	UG
	13/02/23	FY	KJSSC Class no. 202

Session on Career Opportunities

Objectives of the event:

- To develop readiness for choices and face changes & to choose an appropriate career based on interest & skills
- To acquire importance of soft skills

Guest lecture on Career Opportunities was organized by the Department of Microbiology. The session was initiated by a warm welcome and introduction of Dr. Anup Deshpande by Dr. Lolly Jain, Head, and Department of Microbiology. Dr. Anup Deshpande highlighted different avenues and their benefits such as the need to appear for competitive exams after BSc & MSc, integrated programs like MSc & PhD. Also, he enlisted different reputed institutes which can provide fellowships and internships to students. He further motivated students to do more hands-on workshops and elaborated the importance of soft skills for better career.

Summary of the Sessions:

Date of the Session	Speaker	Topic
12-12-2022	Dr. Anup Deshpande Research scientist Ferring pharmaceuticals, Copenhagen Denmark	Session on Career Opportunities

BOS session

Conducted by the Department of Microbiology for framing the Autonomy Syllabus for T.Y.B.Sc class to be implemented from the Academic year 2023 onwards. The session was conducted on 13th January, 2023 in which six internal faculty members comprising of the Head of

the Department, Dr. Lolly Jain, Dr. Soniya Shetty, Mr Shabib Khan, Ms Versha Peghwal, Ms Kiran Surve, Ms Taranoom Khan, and Ms Poonam Shinde. A team of eminent subject experts, Alumni, and representatives of industry comprising of Dr. Pramod Ghagore, S.I.E.S College, Dr. Nilima Shivale, D.Y.Patil, Dr. Pratibha Shah, K.C college, Dr. Savanta Raut, Bhavans colleges and Dr. Bela N from CHM College, Dr. Vikrant Bhoir, Scientist, NIRRH, Dr. Dina Saroj, Dr. Meenal Dhukhande was constituted for the Session.

One day Visit to Common effluent Treatment plant

Objective:- To make the students aware about stages of wastewater treatment

One day visit to the Common Effluent Treatment Plant was organized by the Department of Microbiology on 31/01/23. Total 34 students from UG and PG were accompanied by two staff members to Koparkhairne, MIDC, CETP plant. Common introduction about the CETP working, guidelines, rules and regulations were given by the instructor. Later, various processes were explained and the plants for those processes were shown to the students. These processes included Primary and Secondary processes of Wastewater treatment. It was explained that the wastewater treated at the plant came from the domestic and industrial regions. The processes followed by them were explained which were Activated sludge process, oil grease removal, neutralization and equalization, primary treatment, aerobic secondary treatment, flocculation, sun drying, suspended growth process, etc to name a few. BOD & COD was explained and how they keep records of the same for further documentations and plant records. The tertiary treatment is carried out in Vashi as more modified mechanisms are needed for it. Thus, the visit was found to be very informative and interesting.

Review Writing Workshop

An objective of this event:

- To enhance students skills for review writing and research paper writing.
- To make students aware about the publication of research work.

Workshop on Review writing was organized by the Department of Microbiology on 3rd February 2023. The workshop was organized for PG students aiming to acquire excellence in review writing. Dr. Lolly Jain, Head, Department of Microbiology welcomed the guest speaker. Dr Anupma Harshal, Superheroes against Superbugs Fellow Consultant, elucidated the importance of curation, listed down the well curated sources, justified that credibility can help in publishing research papers. She went to train to write abstract, results, discussion & conclusion very effectively. She commented on Top down & bottom -up approaches, also explained plagiarism & different research tools to reduce plagiarism.

21st State Level Microbiological Olympiad

Objcetives:

- Facilitate students' ability to apply biological scientific principles.
- Evaluate the understanding of the nature and function of microbes.
- Enhance competitive alertness among microbiology/ life Sciences students.

21st State level Microbiological Olympiad was organized by the Department of Microbiology. Totally sixteen UG and five PG students were registered for the first round of the Online Quiz of 21st Microbiolympiad and Microbiocanvas. The event was organized by Government Institute of Science, Aurangabad. The online quiz is the initial screening round conducted for each class and the students attempted the online Quiz. Students participating in the Microbiocanvas are required to upload their Canvas in the respective link provided for the same. The final round of the event for the selected students would be conducted on 20th February, 2023. Mr. Shabib Khan coordinated the online Quiz at the College level.

Achievements of Students:

- Ms Krusha Shah, Msc (II) and Ms Hemangi Rajput (S.Y.B.Sc) were

awarded the Best Student Recognition award from Microbiology Society of India on 14th November 2022.

- Vaishnavi Mhase from K.J.Somaiya College was awarded the 1ST Prize in Cricket (Girls Category) organized by Somaiya Vidyavihar University on 10th January 2023.
- Vaishnavi Mhase from K.J.Somaiya College was awarded the 2nd Prize in 4X100 Meter
–Mix Relay Category organized by Somaiya Vidyavihar University on 10th January 2023.
- Vaishnavi Mhase from K.J.Somaiya College was awarded the 2nd Prize in 4X100 Meter
–Mix Relay Category organized by Somaiya Vidyavihar University on 10th January 2023.
- Vaishnavi Mhase from K.J.Somaiya College was awarded the 1st prize in the 100m Race.
- Ms Anindita Mandal published research paper “Antimicrobial activity of phytochemicals from Ficus religiosa”
- Ms Asteroid hunting campaign, by SSERD in collaboration with International Astronomical Search Collaboration - Certificate of citizen scientist with 4 preliminary discovery (discovery of asteroids)
- Anindita Mandal from K.J.Somaiya College of Science & Commerce received the DD Kosambi Young Scientist Award 22 from CUBE
- Anindita Mandal from K.J.Somaiya College of Science & Commerce secured 1st place in the Poster making contest.
- Anindita Mandal from K.J.Somaiya College of Science & Commerce participated in Hands on Universe Campaign organized by Society for Space Education Research & Development
- Ms. Annu Yadav from K.J.Somaiya College of Science & Commerce secured

1st prize in Star war debate competition in RASAYAN 22-23 organized by Club React

- Ms. Annu Yadav from K.J.Somaiya College of Science & Commerce secured 3rd prize for Starstruck (Unique Talent) competition in RASAYAN 22-23 organized by Club React
- Khan Misha secured 1st prize in a singing competition organized by intra college fest on 22-23.
- Vaishnavi Mhase from K.J.Somaiya College was awarded the 2nd prize in the long jump.
- Vaishnavi Mhase from K.J.Somaiya College was awarded the 1st prize in the 200m Race.
- Seven students attended the five day workshop on Chromatography & Spectroscopy Techniques held in G.N.Khalsa College.
- NitinVadhan from K.J.Somaiya College of Science & Commerce secured first prize in Girls category in cricket.
- Nandini Singh from K.J.Somaiya College of Science & Commerce secured 2nd prize in 4 x 100 m mix relay
- Sweety Partra from K.J.Somaiya College of Science & Commerce secured the 1st prize in Brush it or Blush it intra-college fest in Surbhi.
- Dhruvi Savla from K.J.Somaiya College of Science & Commerce secured 1st prize in Girls cricket category
- Misbah Khan from K.J.Somaiya College of Science & Commerce secured 1st place in Surr Mania at Intra-college fest "Surbhi 22-23."
- Misbah Khan from K.J.Somaiya College of Science & Commerce achieved the title of Ms. Surbhi at Intra-college fest "Surbhi 22-23."
- Vrushank Kantharia from K.J.Somaiya College of Science & Commerce secured 3rd place in the MicrobioCanvas poster competition.

- Anindita Mandal participated in a certificate course on Asteroid hunting campaign by SSERD in collaboration with international Astronomical Search collaboration.
- Participated in International research proposal and presentation.

DR. (MRS.) LOLLY JAIN

2022-2023

ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Vice-Principal
- ❖ Co-Ordinator, IQAC
- ❖ Head, Department of Microbiology (1st November onwards)

MEMBER OF THE FOLLOWING COLLEGE COMMITTEES:

- ❖ Member Secretary, Academic Council, K.J.Somaiya College of Science and Commerce.
- ❖ Member, Board of Studies in Microbiology, K.J.Somaiya College of Science and Commerce (till 31st October 2022)
- ❖ Chairperson, Board of Studies in Microbiology, K.J.Somaiya College of Science and Commerce (1st November 2022 onwards)
- ❖ Internal Complaint Committee (Anti Sexual Harassment Committee) / Gender Issue Cell
- ❖ Purchase Committee

ACADEMIC APPOINTMENTS IN OTHER COLLEGES / UNIVERSITY OF MUMBAI:

- ❖ Vice Chancellor's nominee on Board of Studies in Microbiology, University of Mumbai,
- ❖ Vice Chancellor's nominee on Board of Studies in Microbiology, Patkar College of Arts and Science, Goregaon, Mumbai.
- ❖ Vice Chancellor's nominee on Board of Studies in Microbiology, Model College, Dombivli, Thane, Maharashtra.
- ❖ Vice Chancellor's nominee on Board of

Studies in Microbiology, Vivekanand College of Arts, Science and Commerce, Chembur, Maharashtra.

- ❖ Member of Board of Studies in Microbiology, VPM Bedekar College, Thane, Maharashtra.
- ❖ Member of Board of Studies in Microbiology, St. Xaviers College, Mumbai
- ❖ Member, Syllabus Committee for M.Sc, University of Mumbai.
- ❖ Chairperson & university representative for Ph.D online open defense viva of Mrs. Sandhya Mulchandani, CHM College
- ❖ Vice Chancellor's nominee on the selection committee of the governing body for the post of Assistant Professor in Microbiology at Wilson college held on 30th June 2022.
- ❖ Subject expert on selection committee for the interviews of Assistant Professor in Microbiology at VES college on 3rd June 2022
- ❖ Organizing Committee member for National Conference -Emerging trends in innovation and entrepreneurship post covid : commercial & social aspects organized by K.J.Somaiya College of Science and Commerce, Vidyavihar, Mumbai on 12th September, 2022
- ❖ External referee to evaluate the Ph.D. thesis of a Ph.D. scholar (Ms. Simran) from School of Biotechnology, D.Y.Patil University
- ❖ Subject Expert for Selection of Ph.D candidates at CHM college on 27th January 2023

COORDINATED:

- Induction Program for FYBSc and FYBCom students: SWAGATAM
- Induction Program for MSc students
- CAS interviews
- Non teaching and Teaching development activities

WORKSHOPS /SEMINARS / SYMPOSIUMS ATTENDED:

- ❖ Partner Instructor Completion Certificate from Tiny Earth on 22/6/22
- ❖ New NAAC Guidelines 2022 for affiliated College with 55 Metrics only & 2A-NEP guidelines for NAAC 2022 Course organized by IQAC Cluster on 19th & 20th April 2022.
- ❖ 10 hours course of teachers titled Heartful teacher organized by Heartfulness Education
- ❖ One day seminar on understanding & effectively applying national education policy 2020 for achieving excellence in higher education organized by DAV College, Mumbai on 18/5/2022

INVITED AS RESOURCE PERSON/ JUDGE/ EXTERNAL EXAMINER:

- ❖ Resource person for the webinar on Approaches to effective paper setting & evaluation at Smt. Kamalaben Shah law school on 12/5/2022
- ❖ Resource person for the session - Innovate, Create with technology in life Sciences in the Online Refresher Course in Biosciences on the theme "Trends in Use of Technology in Biosciences" organized by the UGC Human Resource Development Centre, University of Mumbai at R.J College of Arts & Commerce on organizing an from September 23, 2022.
- ❖ External Examiner for the dissertation viva-voce of the B. Tech (Biotechnology) programme at Dr. D.Y Patil on 7/7/2022

Dr Soniya Shetty

- Mentored Ms. Anindita Mandal for research proposal titled 'Use of pyramidal structures for food preservation and packaging' which was selected for final round of 16th Intercollegiate research convention Avishkar 21-22
- Research paper titled 'Antimicrobial activity of phytochemicals from Ficus religiosa' by Anindita Mandal, Esha Dabholkar, Tofiya Khan, Soniya Shetty

was published in International journal of life sciences, a peer reviewed refereed journal in October 2022.

- Dr. Soniya Shetty and her ex-student Ms. Bhavana Pandya was granted a patent for an invention entitled 'Agents for degumming of silk, process for obtaining the same and process for degumming of silk.'

Mr Shabib Khan

Assistant Professor in Microbiology

As a Resource Person:

Contributed as a Resource person for Four Credit Research Methodology Coursework conducted during July-August, 2022, for the Ph.D. research scholars admitted to K. J. Somaiya College of Science and Commerce.

As an External Examiner:

1. Invited as a moderator for M.Sc. I Microbiology (SMIC0702 and SMIC0703) papers: Biochemistry and Genetics papers at St. Xavier's Autonomous College, Mumbai on 23-11-2022.

Contribution to Curricular and Co-curricular activities:

1. Contributed as a Member of BoS for the review of T. Y. B. Sc. Microbiology syllabus during 2022-2023.
2. Contributed as a Member of IQAC and Information cell during 2022-2023.

Events coordinated:

1. MICROSCOPE-2022- Inter-Collegiate event conducted on 17 th September, 2022.
2. First round of screening Quiz for 21st National Microbiolympiad, organized by Government Institute of Science, Aurangabad on 10 th February, 2023.

National duties:

- 1) Worked as Presiding Officer for 166 Andheri Vidhan Sabha Elections in 2022, on 03-11- 2022 at Dr. Sarvapelli Radhakrishnan Low Primary Hindi School, Andheri, Mumbai.

Ms Versha Peghwal

1. Contributed as a Member of BoS for the review of T. Y. B. Sc. Microbiology syllabus during 2022-2023.
2. Contributed as a Member of the Information cell during 2022-2023.
3. Contributed as a Member of Marathi Wangmay Mandal for Asmita 2022-2023.

Events/Workshop /Visit organized/ Coordinated:

1. Fermented food festival was organized by the Department of Microbiology in Collaboration with Microbiology Society of India on 30th August 2022.
2. One day visit to the Common Effluent Treatment Plant was organized by the Department of Microbiology on 31/01/ 23.
3. Coordinated for one day Review writing workshop organized by the Department of Microbiology on 3rd February 2023.

Workshop attended :

1. Partner Instructor Completion Certificate from Tiny Earth on 22nd June 2022.
2. Attended a one day Review writing workshop on 3rd February 2023.

Ms. Kiran Surve

- Contributed as a Member of BoS for the review of T. Y. B. Sc. Microbiology syllabus during 2022-2023.
- Coordinated for Aluminus activity " Enriching Expression" workshop organized by the Department of Microbiology on 5th December.
- One day visit to the Common Effluent Treatment Plant was organized by the Department of Microbiology on 31/01/ 23.
- Coordinated for one day review writing workshop organized by the Department of Microbiology on 3rd February 2023.
- Instructor member completion certificate from Tiny Earth on 22nd June 2022.

- Online workshop on Food microbiology & Food safety conducted on Swayam.
- Certificate course in Bioinformatics organized by MSI.
- Online workshop on databases used for protein analysis & phylogenetic analysis in Bioinformatics.

Ms. Poonam Shinde

Events/Workshop /Visit organized/ Coordinated:

Contributed as a Member of BoS for the review of T.Y.B.Sc. Microbiology syllabus during 2022-2023.

Coordinated for one day Review writing workshop organized by the Department of Microbiology on 3rd February 2023.

Coordinated in Session on Career Opportunities organized by the Department of Microbiology on 3rd February 2023.

Coordinated for Guest lecture on “An Introductory Session with a Counselor” organized by the Department of Microbiology on 15/12/2022 PG students & on 8/12/22 for S.Y.BSc students.

Workshop attended :

Partner Instructor Completion Certificate from Tiny Earth on 22nd June 2022.

Attended a one day Review writing workshop on 3rd February 2023.

Tarannoom Khan

1. Contributed as a Member of BoS for the review of T.Y.B.Sc. Microbiology syllabus during 2022-2023.
2. Invited as a moderator in Patkar Varde College (Autonomus) for SyBsc sem 3 & TyBsc sem 5 papers.

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Department of Statistics

1. National Statistics Day: On 29th June 2022, the students of S.Y.B.Sc. and T.Y.B.Sc. celebrated National Statistical Day in the mark of 126th birth anniversary of India’s most eminent statistician “Sir Prasanta Chandra Mahalanobis”. Around 75 UG students and 06 teachers attended the event. Mr. Tanmay Ghanekar was invited as guest speaker. He passed B.Sc. Statistics in 2015-16 from K. J. Somaiya College of Science and Commerce and M.Sc. from NMIMS. He is Data Scientist with 5 year of professional experience in IT and Service industry. The event started at 9 am with the welcoming of the teachers and students followed by the Somaiya prayer. The principal, Mrs. Pradnya Prabhu mam and the Head of Statistics department, Mr. Prashant Shah enlightened the students with their speeches. The guest of the event, Mr. Tanmay Ghanekar was felicitated by Mrs. Madhavi Jardosh. In his lecture on career in Data Science, Mr. Tanmay spoke on post academic options for data science, the tools and technologies required, sectors with job opportunities and the future scope and

technology in field of Data Science. After the lecture, he had a question and-answer session with the students. A few students from SY BSc and TY BSc presented presentations on P. C. Mahalanobis and application of statistics. Also, a game based on investments was arranged for the students. The game helped the students in understanding concepts like stocks, bonds, forex and other some business terms. The event ended at 1 pm with the vote of thanks.

2. One credit certificate course “Basic course in Excel”: Department of Statistics organized one credit course in Excel from 11 July 2022 to 23rd July 2022. This course enabled the learners to get hands on experience while dealing with data using Excel. Total 7 online sessions were conducted every day from 4 pm to 6 pm by both the resource persons. An assignment based on every session was posted in Moodle to better understand the application of the content taught. A small project was given to every participant. Participants were evaluated for 100 marks

on the basis of assignments, project and offline examination. Successful candidates were given certificates after completion. Total 25 UG, 07 research PG students and 01 teaching staff were benefited by this course. Participants got equipped with analytical skills using Excel which can be helpful in their future prospects.

3. Aazadi Ka Mahostav: On 13 August 2022, department of statistics celebrated the 75th Independence Day in their classroom (Room no 207). Total 30 statistics students participated in this event. The preparations began with the planning of the event and the decoration of the classroom. The Statistics department students made posters related to Independence Day. A day prior to the program, the students, with the guidance of their teachers, prepared banner, toran, etc, for the decorations. On the day of the program, the students started the classroom decoration at 7:00 in the morning. They decorated the walls with the national flag, slogans, posters made by the students, balloons, etc. The students also decorated the college entrance with the handmade paper torans, rangoli, balloons and blackboard decoration. Students prepared presentations and held discussions on the Indian freedom fighters, the journey of India in achieving independence, development of India in various sectors post-independence, etc. Main objective of organizing such event is to encouraging the feeling of patriotism among the students and making them aware about the history of India.

4. Invited lecture on "Demography and Population Studies": Department of statistics organised an invited lecture on 07 September 2022 for T.Y.B.Sc. statistics students on the topic "Demography and Population Studies". Resource person Dr. Rahul Bawankule, who is currently working as Biostatistician at MGM Institute of Health Sciences (Deemed to be University u/s 3 of UGC act 1956), Kamothe, Navi Mumbai. He discussed the historical and current trends in the world population and its growth and variations. He then talked briefly on the population trend seen in India.

5. Clinical Trials: On 22nd, 23rd & 24th Nov, 2022 department of statistics organised online lecture series on "Clinical Trials" for T.Y. B.Sc. Statistics students. Resource person was Dr. Vinay Pawar, who is currently working as an Associate Professor, Dept of Basic Principles, Dr. D.Y. Patil University, School of Ayurveda, Nerul, Navi Mumbai from April 2010. Main objective of organizing this lecture series is to provide knowledge to the students regarding the field of medicine and the role of statistics in clinical trials. The students understood the basic concepts involved in the field of Medical Statistics and the role of Statistician in Clinical Trials. They were encouraged to go deeper in the study and apply the various statistical tests. Total of 45 T.Y.B.Sc. statistics students benefited by this lecture series.

Intercollegiate event "Sankhyashastra-22-23": On January 19, 2023, Sankhyashastra was organized by the students of Statistics Department along with the teachers of K J Somaiya College of Science and Commerce. This was the first year post pandemic that the fest was organized in offline manner, yet the fun and excitement regarding it was seamless. The entire fest was conducted in the seminar hall as well as some games were held in room no. 303 wherein, students and teachers displayed acts of creativity and systematic organization.

The event began at 9 am. The event started by somaiya campus prayer recitation. Then, the Head of Statistics Department, Mr. Prashant Shah Sir, addressed the virtual gathering. The statistical song composed by Dr. A. P. Gore, Applied Statistics and Analysis Expert was played during the event followed by the recitation of poem by Ms. Omika Madaye. Then the host introduced the chief guest lecturer for the event, Mr. Abhay Walimbe. He delivered an enlightening talk on the topic of "Application of statistical tools in financial markets". The speaker first introduced different types of market and the options available under every market. Then he gave some idea about the pre-requisites in Nifty. The different types of risks & returns were discussed along with the statistical tools like regression, moving

averages, standard deviation; mean applied to calculate the various measures. He also took a small case study to explain better. Later our alumni Ms. Shraddha Indulkar showcased her project which was presented in the form of a comic book. Later another alumni Mr. Bhushan Chaudhary also explained his journey in the field of pharmaceuticals and how students must approach the industry while giving interviews and what are the pre-requisites to have an edge while clearing the various rounds in exams as well as industry.

Later, Miss. Poonam Deshmukh was felicitated as she came third (topper) in last year final exams. Post that, "Presentation Competition" was conducted. The judges for the event were Mrs. Arati Kore from Department of Statistics, Ms. Shraddha Indulkar & Mr. Bhushan Chaudhary. During the competition, participants presented their analysis & interpretation on the data provided by the team. After reviewing all the pts, winners were declared.

Similarly, there were other competitions that were carried out like Balloon Buster, Statsie, Dekh Raha hai Binod? & Silent Voice. In this manner, after completion of all activities, Sankhyashastra 2022-2023 came to an end at 5:00 pm.

5. Commemorative Day - Parakram Diwas: On Monday, January 23, 2023, The Department of Statistics of K J Somaiya College of Science and Commerce celebrated 'Commemorative Day' on the occasion of the 126th Birth Anniversary of Netaji Subhas Chandra Bose. It is also known as 'Parakram Divas'. The online program began with the campus prayer followed by a lecture of the guest speaker Mr. Ajay Pathak. He started with the history of Subhash Chandra Bose childhood. Then he explained how he left his civil services and participated in the freedom struggle for India. He met various personalities like Hitler to get help for fighting against the British. CDT. Sneha Tiwari gave a short speech on Netaji Subhash Chandra Bose to India's Freedom Struggle. Later CDT. Shruti Yedke recited a melodic patriotic song, "Bharat Humko Jaan Se Pyaara Hain". The Head of Statistics Department, Mr. Prashant Shah sir addressed the virtual gathering and remembered the invaluable and heroic contribution. Several teachers and students applauded the event and paid respect to Netaji's boundless courage and valour. At the end, a feedback link was sent in the chatbox.

Prashant Shah
Head, Department of Statistic

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Department of Zoology

- **Careers after Zoology**

To impart guidance for students of P.G and U.G to select their careers after graduation and the options available outside the college based on their area of interest and how to get into big Institutions like WFI and other institutions of the country. Motivate students to carry out small research during their graduation which will help them in future. Students of M.Sc. part 1 & 2 and TYB.Sc. attended the session of careers after Zoology Talk by our guest Speaker Niket Alashi who is currently working as Project Assistant in WFI. He shared how he got into WFI, His experiences working under various scientists and

projects he handled. He also shared about the current project he is working on that is management planning of crocodiles. He talked about various careers or opportunities opened after graduation. He motivated students to take up small research projects in colleges which will help them when they graduate from college. Students even went personally and interacted with him. Niket guided them to reach their goals or set the goals. The event was helpful for many students.

- **Fest- Zorilla**

The Department of Zoology organized its annual intercollegiate department fest

Zorilla on 9.1.23 and 10.1.23, from 8 am to 5 pm at Seminar Hall, KJSSC. The theme this year was MORPH, signifying the change or metamorphosis that takes place in animals with respect to development. Morph comes from the word 'Metamorphosis', which is a Greek word meaning 'Transforming'. This year at Zorilla, we aim to transform our ideas into reality. Inspired by the changes in and around our surroundings, we desire to bring the best of us to this fest. We cannot become what we want by remaining what we are. The program started with the Inaugural talk by Dr. Sanjay Tripathi, Director, Veermata Jijabai Bhosale Udyan and Zoo. Sir spoke on the importance of Zookeeping and Wildlife Conservation. Followed by the Inaugural Talk, another expert talk was delivered by Mr. Anand Pendharkar, CEO and Founder of SPROUTS Environment Trust. Sir, discussed about Life on an Island with emphasis on Faunal diversity on shores of Mumbai coast. The talk was very well received by the young enthusiasts in the audience.

- **Long Excursion - Malvan**

A long Excursion to Malvan was organised by the department of Zoology to Malvan this year, The excursion was organised for six days on 19th and 24th January 2023.

There were total 25 students from TY Zoology and Msc part 1 accompanied by four teachers Dr. Vikrant Deshmukh, Ms. Roshani Yadav. Ms. Meghna Verma and Ms. Divya Sarang.

The objective of the excursion was to provide on field experience to the students as well as gain knowledge on the topics like intertidal ecology of sandy and rocky beaches, Fish byproducts, Diversity of flora and fauna of Amboli forest, Aqua Culture etc. Students visited Amoli nature trail, Dhamapur lake for birding, Chetana fibre boat building centre, Rocky shore beach walk etc.

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Committee Reports



Award And Reward Committee (Junior College)

The Award and Reward Committee was headed by Convener, Ms. Deepa M Ganatra with Ms. Shubhangi Khamkar, Ms. Kranti Satam, Mr. Samadhan Satpute and Ms. Raksha Wagh as the members.

The committee invited application from FYJC students for the selection of "Best Student of the Year Award" with the criteria of score of 85% and above in class X with achievements in sports activities on District/ State/ National level or cultural activities or extraordinary talent/ achievements or activities for social cause or scout & guide at the secondary school level. 93 applications were received with relevant certificates/ photographs of medals and other documents which were shortlisted to 45 after scrutiny. The speech round was then conducted to shortlist the students. 25 students qualified for the semi-final round and these students were given the following topics:

1. Artificial Intelligence
2. Augmented Reality
3. Impact of social media on youth
4. Balancing of day-to-day issues

Expert teachers from the college from various departments like Ms. Jyoti Sawant, Dr. Vinod Trigunayat, Mr. Jitendra Patil, Mr. Ramlakhan Surju were invited to judge the students by questioning them on general, current and topic wise issues on 14th December 2022 in Chemistry Seminar Hall. This was a tough elimination round which brought forward 6 students for final round which was conducted on 22nd December 2022 in Geology lab by interviewing of students by Vice Principal Ms. Savita Moghe, Supervisor Ms. Savita Godbole and an outside judge from sister institute Mr. Atish Taukari, teacher of Psychology in K J Somaiya College of Arts and Commerce.

Bro. Harshit Jaiswar was announced as the "Best Student of the Year" and Sis. Hetvi Bhanushali was announced as the "Best Female Student of the Year" who were then

felicitated on Annual Day, 3rd January 2023 in Engineering Auditorium.

Our two students of SYJC Sis. Pratha More and Bro. Krrish Nadar received prestigious awards as Star Girl and Star Boy respectively on Foundation Day by SVV

Seminar and Workshop Committee

Seminar and Workshop Committee organised HSC exam guidance lectures for SYJC students on 22 July 2022 for English in hybrid mode and on 30 July 2022 for Hindi in online mode.

The committee also organised HSC exam guidance lecture series for SYJC students on 24.01.2023 for Biology and Maths (Science); on 25.01.2023 for Physics and Chemistry in hybrid mode in the Seminar Hall.

HSC exam guidance lecture was organised on 28.01.2023 for SYJC Commerce students for Maths, OC and BK in hybrid mode in the Seminar Hall.

Finally, HSC exam guidance lecture was organised on 31.01.2023 for Marathi in hybrid mode in the Seminar Hall.

We are sure that our SYJC students will benefit from this lecture series.

We are looking forward to organise some seminars and workshops for FYJC students also.

We thank principal Pradnya Prabhu madam and vice principal Savita Moghe madam for supporting us.

We also thank Subject in Charges, teachers, non teaching staff and students for making the series a huge success.

We continued with the same zeal and enthusiasm of the last academic year . In this academic year we had successfully bagged 27 prizes in varied intercollegiate events all over Mumbai. We began our journey with participation in Story Writing Competition at H.R. College, Churchgate and bagged the Second Prize in it. We were active participants in around 13 different

competitions like Story Writing, Dance , Poetry Recitation, Essay Writing, Drawing, Quiz , Elocution in Marathi, Hindi and English, English Creative Writing, Debate, Extempore, Power Point Presentation, Salad Decoration and Story Telling in English as well as Marathi. It was indeed a different experience for our students. Students excelled in all the activities with fun, joy and a novel experience.

Students were overwhelmed with their participation at Bombay IIT as it was the place which had produced scholars for the country. It was a mixed feeling of pride and achievement as we delivered best speech in Hindi and exceptional creative in Writing. Gatha-International Storytelling Festival organized by our own Campus had given a platform to express and narrate the budding writers of our institute. R.J. College, Ghatkopar had given a platform to showcase our students the poetic talent and dancing gait. K.B.P Degree College has inculcated the speech and command over English subject just like the previous year. K.M Agrawal College was special for our kids as we obtained Gold and Silver medal in Debate. It was the spontaneous performance. Our

students had proved their general knowledge in the Quiz Contest at S. M .Shetty College, Powai. Marol Educational Academy Andheri had imbibed competitive spirit in Elocution of our kids. We had kept on record the multidimensional opportunities offered to us by N.S.M. Degree College, Vile Parle. It was the undoubtedly the year of achievement and success in all the fields of learning.

It would be impossible without the kind support and appreciation by our Principal Dr. Pradnya Prabhu madam. Madam had welcomed, cheered and inspired all the winners to achieve more and more after each and every prize.

I conclude with the positive note that next year we will ignite more minds to achieve more prizes and experiences.

Thanking You.

Intercollegiate Committee

Mr. Sunil Shisode

Mrs. Dhanya G.

Mrs. Kanchan Gaikwad

Mrs. Chaitra Shetty

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Cultural Forum Activities

On the occasion of the 75th Independence Day, the Cultural Forum, in association with the Marathi Vangmay Mandal, organized a singing competition on the 17th of August, 2022 with the theme of patriotism. Twelve student participants sang patriotic songs. Lastly, the winners of the event were announced by the judges with Aarya Mahendra Dhotre securing 1st Place and Shamita Sherigar securing 2nd place.

On the occasion of Cultural Forum's Inauguration, organized an inaugural program on 20th of September, 2022. It began with the lighting of the lamp by our Cultural Convener, Dr. Reema Khanna with the teacher team of CF, Dr. Shruti Barave, Mrs. Nishamol Kanat, Dr. Ajit Katdare, followed by Cultural Secretary - Ms. Ritika Ranjan, Joint Cultural Secretary - Kushal Surana and Contingent Leader - Tannujh

Ghosh. Dr. Reema Khanna was called upon on stage to address the audience and felicitate the Student Heads of Cultural Forum which then led to a gracious start to the event. A dance Performance was presented by Shamita Sherigar, followed by a mesmerizing vocal performance by Misbah Khan. Another outstanding performance of flute was presented by Agnibh Dey. The event later was lit up by chorus and impromptu performances by students.

The Department of Mathematics in association with the Cultural forum, celebrated the Hindi Diwas on September 21st 2022. On this occasion, Shri K. D. Singh, Retired Head of Hindi Department of Junior College, K. J. Somaiya College of Science and Commerce was invited as chief speaker. Several other teacher members from junior and senior college like Dr. Jitendra

Pendharkar, Dr. Vinod Trigunatyat, Ms Vaishali Nikumbh and Ms Divya Rai recited Hindi poems. The Chief guest, in his speech, motivated the students to be attached to their roots and culture.

On the occasion of Diwali, the Cultural Forum of K J Somaiya College of Science and Commerce organized a Diya painting competition where students from all classes participated in showcasing their creativity by painting diyas on 20th October 2022. Simultaneously, the Cultural Forum Fine Arts team decorated all the departmental floors and corridors with rangolis. This was followed by a Flash Mob on 21st of October 2022 on account of Aarambh - Day 2. The event began with the unfurling of the banner of the Surabhi Fest from the rooftop attended by several faculties and students of KJSSC. The event was then followed by Flute Performance, a Singing Performance and then Solo and Group Dance Performances by the students. Later, the Cultural Forum team distributed the painted diyas to the teaching and non teaching staff.

The Deepavali celebration with the performance of Teaching and non-teaching staff was organized by Cultural Forum, KJSSC on 21st October, 2022. The first performance was a solo song by Principal, Dr. Pradnya Prabhu in her melodious voice. This was followed by Dr. Jitendra Pendarkar's spectacular 'Dilruba' instrument playing. Everyone enjoyed Mr. D.G. Phondekar's mono act. Mesmerizing solo singing was performed by the teaching staff, Dr. Chitra Kamath, Dr. Yogesh Ghalsasi, Dr. Shruti Barve, Ms. Unnati Maru and the non-teaching staff members- Mr. Maruti More and Mr. Dhotre. The poem recitation by Dr. Smita Paranjape, Dr. Amol Pawar and Mr. Sarang Gujar was appreciated by everyone. The rocking group dance performance by Dr. Archana Padgoankar, Ms. Namrata Navekar, Dr. Aniket Pawanoji, Mr. Ashish Mhatre made the audience stunned. A fun filled Sanskrit skit staged by Dr. Reema Khanna, Mr. Subhash Krishnan, Dr. Hemangi Bhagavat and Mr. Makarand Niphadkar amused everyone.

The Cultural Forum of KJSSC organized the cultural week from 9th January to 14th

January, 2023. On 9th January i.e the first-day, the ethnic day was organized, where people dressed up in ethnic clothes from their native places. On 10th January, the meme day was held, and people recreated their favorite memes through their attires and props. The Group look-Alike Day was organized on the 11th, where students dressed up in the same colors, clothes and attires to twin with each other. Pinterest Aesthetic Day which happened on 12th January gave a chance to the students i.e the Gen-Z generation to dress up according to their aesthetics and let their personality show. On 13th January, the Fiction Character Day was organized wherein students and teachers alike, dressed up in the attire of their favorite actors/actresses from their respective movies/series. The Saree/ Suit & tie Day was celebrated on 14th January, along with the annual Day celebrations.

The Cultural Annual Fest SURABHI, was organized by the forum which was held on the 11th, 12th & 13th of January. It was an intra-collegiate campus fest and the theme was "DEJA VU". On the first day i.e 11th Jan, the event started with an inauguration ceremony at 9:30 am, in the presence of the teachers and staff. The Literary Arts (kalam kaari), elocution competition (Sinister's Vision), Da Vinci Code, a riddle game and "Can you guess it?" were organized. One offline essay writing competition was also conducted which went according to the theme i.e Era's /Timeline. After that, Round 1 (Interview Round) of Mr & Mis Surabhi of special events was held and instructions were given to all the participants regarding the interview, and one after the other participants were scored on different areas based on their interview taken by the Judge, afterward, Round 2 (Talent Round) was held wherein participants exhibited their respective talents to all the audience and judges present. The event ended with the Top 6 Mr & Miss Surabhi participants going forward for Round 3 which was held on the Annual day. Under sports events, Human Ludo was conducted at Gargi plaza. An online, land base event, Call of Duty (E-sports) was held in which internet connection was provided to all the participants and they played it on their

individual devices. The Performing Arts (taal se taal tak) events of Dance, singing, and Drama, namely "Sur mania", "Rhythm it", "dramebaaz", "taa Tai Tai taat", "Dance beneath the stars" took place on 12th January. The young talents were given a chance to showcase their football skills under the special event "FUTSAL". The event took place at the futsal court near the athletics ground. Fine Arts departments organized the following events Dash of Delish (cooking competition), Retro to Metro (Graphics/ Drawing competition), and Blush it or Brush it (makeup/face painting competition) respectively. Students were given a chance to showcase their creativity in Blush it or Brush it, where the participants did their own or someone else's makeup or face painting. On 13th January which was the last day of Surbhi, the Cultural Forum successfully conducted The Treasure Hunt (JUMANJI).

The Cultural forum of KJ Somaiya College of Science and Commerce organized the Annual day celebration on 14th January 2023 in the Sakarben Karamshi Somaiya Sabhagruha. It was the first full fledged offline event that was conducted after 2 years. The event started following the Somaiya tradition i.e. the Campus prayer

that was sung by our student member. The celebration consisted of performances by the students which included the classical prayer dance, the harmonium played by a student who won 3rd place in youth fest twice, Indo classical dance, shayari, monoact and a performance by Marathi Vangmay Mandal. All the winners of the intra-collegiate fest 'Surbhi' were felicitated with medals and certificates. A huge audience was present and they had immense excitement and anticipation for the Annual Day Celebration.

This year, many students participated in the 55th Youth festival conducted by the University of Mumbai. Our students made us proud by bringing laurels to the college. Chaitanya Mehta of M.Sc. Chemistry bagged the 3rd prize in the classical instrumental, non percussion swaravadya competition, as part of the 55th Annual youth Festival conducted by the University of Mumbai. Viraj Saul won the 3rd Prize in the 18th Maharashtra State Inter-University Mime Competition and the 2nd Prize in the Inter-University National Youth Festival in mime and one act play Competitions conducted by the Association of Indian Universities, Delhi.

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Food Festival

To celebrate commemorative day on International Day of the World's Indigenous Peoples held on 9th August 2022 and on the occasion of International year of Millets an exhibition cum Food Festival of "Ranbhajya and Millets" was organized on 23rd August 2022 from 11:00 AM to 1:30 PM in the Department of Botany, K J Somaiya College of Science and Commerce, Vidyavihar, Mumbai, Maharashtra, India. It was conceived essentially as an exposure to know the food culture of tribal communities and feel the taste of them and to acquaint students with different types of millets which were kept in exhibition, there were eleven Ranbhajya and nine millets.

The programme offered nine dishes which were relished and appreciated by esteemed faculty members, non-teaching staff and students. The recipes were thoroughly researched and cooked by faculty and students in order to retain the best of the taste and authenticity and health benefits of the dishes prepared.

Exhibition on Millets received much attention, as people enjoyed the display of posters and material, this showcased the varied varieties of millets and motivated everyone to adopt the healthier food choices.

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Gymkhana Annual Sports Report

The academic year 2022-23 was yet another successful year for Sports in K. J. Somaiya College of Science and Commerce. Students from the senior college performed well at the Inter-Collegiate, District and State

Level. Some students went ahead to participate at the national level. The highlights of great performances by the students are listed below :

DEGREE COLLEGE

Inter-Collegiate /State /National Level Competition Winner Students

Sr.No	Name Of The Students	Sports	Class	Performance
1	Shivam Pingale	Taekwondo	MSC-I	*Inter Collegiate Zone II Gold Medal (Above 84kg) *Inter Collegiate Inter Zone Gold Medal (Above 84kg) *All India University Punjab Participated
2	Manojkumar Gupta	Taekwondo	FYBSC	*Inter Collegiate Zone II Gold Medal (Above 84kg) *Inter Collegiate Inter Zone Bronze Medal (Above 84kg)
3	Ansari Jasmin Jahan	Judo	FYBCOM	Inter Collegiate Inter Zone Bronze Medal (Above 54kg)
4	Rajdeep Yada	Wrestling	SYBSC	Inter Collegiate Inter Zone II Gold Medal
5	Pranav Muley	Weight Lifting	SYBSC	Inter Collegiate Inter Zone II Gold Medal
6	1. Jamal Khan 2. Niranjan Yadav 3. Satyan Singh 4. Shubham Mhatra	KJSSC (4*100 Relay Team	SYBSC SYBSC SYBCOM SYBCOM	Inter Collegiate Inter Zone II Gold Medal

ANNUAL SPORTS DAY 24 th January 2023 WINNER LIST

Track Event Name	Name Of The Students	Class	Result
100 MTS BOYS	JAMAL KHAN AHMED	SYBSC	Gold Medal
	NIRANJAN YADAV	SYBSC	Silver Medal
	PRATHAMESH PATIL	FYBCOM	Bronze Medal
100 MTS GIRLS	VAISHNAVI MHASE	FYBSC	Gold Medal
	SWARALI PONKSHE	FYBCOM	Silver Medal
	NANDINI SINGH	TYBSC	Bronze Medal
200 MTS BOYS	SHUBHAM MHATRE	SYBCOM	Gold Medal
	NIRANJAN YADAV	SYBSC	Silver Medal
	ADVAIT RAUT	SYBSC	Bronze Medal

200 MTS GIRLS	VAISHNAVI MHASE	FYBSC	Gold Medal
	SWARALI PONKSHE	FYBCOM	Silver Medal
	SMITI VAGHAMSHI	SYBCOM	Bronze Medal
400 MTS BOYS	SHUBHAM MHATRE	SYBSC	Gold Medal
	SHUBHAM MADNE	FYBSC	Silver Medal
	VINIT KUMAWAT	FYBSC	Bronze Medal
400 MTS GIRLS	TRUPTI PATHAK	SYBSC	Gold Medal
	SMITI VAGHAMSHI	SYBCOM	Silver Medal
	NANDINI SINGH	TYBSC	Bronze Medal

Track Event Name	Name Of The Students	Class	Performance	Result
LONG JUMP BOYS	JAMAL KHAN	SYBSC	5.40 M	Gold Medal
	NIRANJAN YADAV	SYBSC	5.40 M	Silver Medal
LONG JUMP GIRLS	SHUBHAM MHATRE	SYBSC	5.10 M	Bronze Medal
	SWARALI PONKRE	FYBCOM	3.54 M	Gold Medal
	VAISHNAI MHASE	FYBSC	3.53M	Silver Medal
	RIDAM MISHRA	FYBSC	3.20 M	Bronze Medal
SHOT PUT BOYS			11.35 M	Gold Medal
			10.44 M	Silver Medal
			9.79 M	Bronze Medal
SHOT PUT GIRLS	SMITI VAGHAMSHI	SYBSC	8.10 M	Gold Medal
	RUHI PARAB	TYBSC	6.88 M	Silver Medal
	ANURADHA SHARMA	TYBCOM	6.49 M	Bronze Medal

OUTDOOR - Held on 24 th January 2023

Activities	Participation of boys and girl students senior college
Athletics	146
Toss cricket faculty	16

HOSTED TOURNAMENT:

for Zone II University of Mumbai inter Collegiate Football Women Tournament / Competition 2022-2023 organized by the K.J.Somaiya college of Science and Commerce College from 17 th October 2022 to 19 th October 2022.

SOMAIYA GAMES 2023

- SOMAIYA GAMES 5 th January To 13th January 2023
- KJSSC Athletics (Men's) Team Winner 1st Place
- KJSSC Cricket (Women's) Team Winner 1st Place
- KJSSC Cricket (Men's) Team Winner 1st Place
- KJSSC Basket Ball (Women's) Winner 1st Place
- KJSSC Taekwondo (Men's) Winner 1st Place

- KJSSC Taekwondo (Women's) Winner 1st Place
- KJSSC Athletics (Women's) 3rd Place
- KJSSC Volley Ball Boys team Participated
- KJSSC Football Boys team Participated

Dr.Ravindra Kumar Singh Dr. Pradnya Prabhu
Head of Gymkhana Principal

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Gymkhana Annual Sports Report Junior College Star Player (Performance)

2011-12

Sr.No	Name Of The Students	Sports	Class	Performance
1	Madhur Anjarlekar	Athletics	FYJC	National Level Participation
2	Jagruti Murbadkar	Table Tennis	SYJC	National Level Participation
3	Smeet Thakkar	Table tennis	SYJC	State Level Participation
4	Harsh Chauhan	Badminton	SYJC	State Level Participation
5	Nilay Awant	yoga	FYJC	State Level Participation

2012-13

1	S.K. Kiran	Acrobatic Gymnastic	FYJC	National Level Participation
2	G. Priyanaka	Marshall Arts	SYJC	National Level Participation
3	Madhur Anjarlekar	Athletic	SYJC	National Level Participation

2013-14

1	Deven Mane	Chaewondo	FYJC	All India University Participated
2	Sonali Kadam	Acrobatic gymnastic	FYJC	National Level -Silver Medal
3	S.K.Kiran	Acrobatic gymnastic	SYJC	National Level- Silver Medal

2014-15

1	Nilesh Chauhan	Karate	FYJC	National Level Gold Medal
2	Deven Mane	Choikwangdo	SYJC	National Level Participation
3	Ashlesha Trehan	Table-Tennis	SYJC	National Level Participation
4	Sonali Borade	Acrobatic Gymnastics	SYJC	National Level Participation

2015-16

1	Tejas Gawali	Judo	FYJC	National Level Participation
2	Radhika Joshi	Carrom	SYJC	National Level Participation
3	Nilesh Kumar	Karate	SYJC	National Level Participation

4	Himanshu Jadhav	Thang-Ta	SYJC	National Level Participation
5	Krithika Krishnakumar	Athletic	FYJC	State Level Participated
6	Shaurab Thorat	Athletic	SYJC	State Level-Silver Medal
7	Pratik Chauthani	Badminton	SYJC	State Level Participated

2016-17

1	Tejas Gawali	Kodo	FYJC	National Level Bronze Medal
2	Animesh Chavan	Choikawando	FYJC	National Level Silver Medal
3	Aashin Pawar	Choikawando	FYJC	National Level Participation

2017-18

1	Yogita Shingate	Taekwondo	SYJC	National Level Participation
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2018-19

1	Sharvari Parulkar	Athletic	FYJC	International Level Participation
2	Sidhi Shimpi	Athletic	FYJC	National Level 4*400 Relay Mtrs-Gold Medal
3	Hemant Prajapati	Basketball	SYJC	National Level Player Participation
4	Harsh Chavan	Taekwondo	SYJC	National Level Participation

2019-20

1	Sharvari Parulkar	Athletic	SYJC	International Level Participation
2	Aditi Parab	Athletic	SYJC	National Level Participation
3	Sidhi Shimpi	Athletic	FYJC	National Level Participation

2020-21

The academic year 2020-21 was the pandemic year for Sports in K.J. Somaiya Junior College of Science and Commerce.

2021-22

The academic year 2021-22 was the pandemic year for Sports in K.J.Somaiya Junior College of Science and Commerce.

2022-23

1	Samruddhi Ghadigaonkar	Carrom	SYJC	State Level Gold
2	Sonakshi Khanvilkar	Skating Inline	FYJC	State Level Gold
3	Vansh Doshi	Skating Inline	SYJC	State Level Gold

Dr.RavindraKumar Singh
Director of P.E

Savita Moghe
Vice Principal Jr College

Dr.Prandya Prabhu
Principal

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IIC

Annual Report 2022-23

A) About IIC Institute :

Vision / Mission of IIC established at the Institute : The main aim of this council is to motivate, encourage and cultivate the young minds for various events involved in pre-incubation, incubation and making successful start- ups and entrepreneurs.

Promoting various activities related to the innovation, IPR, start up and entrepreneurship.

Vision : "To promote the culture of startup and entrepreneurship in campus that will enhance education system and hence growing the social development and national economic by facilitating the students need as well as faculty entrepreneurs with innovative ideas of social relevance."

Mission: "To create a vibrant ecosystem with necessary infrastructure which can enable students and faculty to innovate and prototype their ideas with industrial standards and support from Government, industry and reputed academic institutions and help them to realize their strength"

Journey of IIC established at the Institute: We K J Somaiya college of Science and Commerce Vidyavihar, Mumbai has established IIC in our campus in the middle of 2019-20 (IIC 2.0).

The purpose to establish IIC is promote different innovative activities in the campus.

Major Focus of KJSSC IIC

- To create a vibrant local innovation ecosystem
- Start-up / entrepreneurship supporting Mechanism in HEIs
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework (ARIIA) now NIRF-Innovation
- Establish Function Ecosystem for Scouting ideas and Pre-incubation of ideas

- Develop better Cognitive Ability amongst Technology Students

The IIC will be established to promote innovation, start up, entrepreneurship in the Institution through multitudinous modes leading to an innovation promotion eco- system in the campus.

B) Brief mention of key functionaries at the IIC Institute: To function IIC smoothly following mention roles are very important

President :

- 1) President will ensure Institution's participation in IIC calendar activity and take lead in the institution driven activities (own initiatives).
- 2) President will ensure the effective implementation of IIC activities with the help of Convenor.
- 3) The President will constitute the IIC council and appoint its members.
- 4) President is responsible for ensuring that Quarterly Council Meeting is planned effectively. Conduct Council Meeting in accordance with prescribed rules and that matters are dealt with in an orderly, efficient manner.
- 5) President will lead the IIC Council.
- 6) President will have the IIC portal Login ID and will be the custodian of IIC portal login and data/ reports uploaded therein.
- 7) President will call the meetings, set meeting agenda and will monitor the deliverable.
- 8) President will be the main point of contact with MHRD Innovation Cell.
- 9) President will respond to all communication from IIC National Coordination team (MHRD Innovation Cell) and will be responsible to ensure decent performance of IIC.
- 10) President will coordinate with MHRD innovation cell and responsible for all the IIC activities in the institute.

- 11) President will ensure Institution's participation in IIC calendar activity and take lead in the institution driven activities (own initiatives).
- 12) President will ensure the effective implementation of IIC activities with the help of Convenor.
- 13) President could change the council members as per the decision taken in council meetings and update the information on portal.
- 14) President *will be responsible for submitting the monthly progress/ activity reports on the IIC portal.*

Vice President :

- It is an honorary post for a senior expert representative from Industry/ Ecosystem enablers. Vice President can be from faculty representative as well in case no experts are available.
- He will be the in action in absence of president.
- He will suggest any idea in council meeting.

Convenor:

- 1) The Convenor will work in close coordination with IIC president and will provide help wherever required for smooth conduction of activities.
- 3) Convenor will ensure that the internal examination dates would not interfere with the IIC activities and coordinate with all departments to ensure the same.
- 4) Convenor will collect the inputs from all the members of the council at regular interval, especially external members for better planning of IIC activities and effective delivery of results.

Coordinators:

- 1) **Innovation activity coordinator -**
Will work to promote innovation related activities on campus or as mandated in IIC council meeting.

2) Start-up activity coordinator -

Will work to boost startup generation among students and related activities or as mandated in IIC council meeting.

3) Internship coordinator -

Will work to arrange student internships in startups, so to expose them with startup ecosystem in India, real-life challenges in startup and their success stories or as mandated in IIC council meeting.

4) IPR activity coordinator -

To promote awareness about IPRs and conduct related activities on campus or as mandated in IIC council meeting.

5) Social Media Coordinator -

Will create and manage IIC page/ account on Facebook, Twitter and YouTube and other relevant social media platforms. He / She will be responsible for posting all the relevant information about council meeting resolution and action plan, IIC activities and follow/tag MIC/IIC page and posts on these platforms. He/ She will also ensure that all students follow MIC/IIC page/account on social media to get first-hand information.

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

1. Total No. of IIC Members	8
2. Total no. of IAs	06
3. Total No. of faculty Mentors From Portal	05
4. Pre-Incubation	Yes
5. IP Facilitation Unit	Yes

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus:

We have RIIDLE (Research Innovation Incubation Design Lab) in our campus which provides pre-incubation and incubation facility to our students.

- RIIDL Somaiya Vidyavihar is an innovation centre and accelerator in the Somaiya Campus.
- Somaiya Vidyavihar has 34 institutions which comprises of 35000 students, 1800 faculty, and researchers.
- We are trying to create focused groups who work on solving real world problems, skill development projects and creating new ventures.
- Holding competitions on the campus.
- Funding and mentoring projects.

E. Highlight Achievements (Narrative/Graphical/tabular representation)

Particulars	No.	Title
Number and Different types of I&E and IPR activities Conducted	09	1. Session on problem solving and ideation workshop
		2. My story-Motivational session by successful entrepreneur/start up founder
		3. Workshop on "Entrepreneurship & innovation as career opportunity"
		4. Workshop on design thinking, critical thinking & innovation design"
		5. INN O ART
		6. Workshop on intellectual property rights (IPR) & IP management for start up.
		7. Entrepreneur Quizer
		8. Innovative Advertiser
		9. Entrepreneur O journey
		10. Innovative) Salmart
		11. Entrepreneur Hunt
No. of student's & faculty ideas generated	5	
No. of student's & faculty Innovation/ prototypes developed	3	
No. of IPs generated, published and granted	04	
No. of Student & Faculty Start-ups/Ventures established.	00	
Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus	35000/-	
Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	6000/-	
No. of Technology Transfer and Commercialisation happened	00	

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

List of heads of IIC :

- 1) Dr. Veena Salvi
- 2) Dr. Shanti Upadhya
- 3) Mrs. Madhuri Padaya
- 4) Mr. Ranjit Yadav
- 5) Dr. Abhishek Mane
- 6) Mr. Jaidip Wable
- 7) Mrs. Shilpa Sawant

G. Highlight selected best Innovations & images with mention of inventor/ innovation name H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs :

ARIIA – participation and Rank :
Participated in the ARIIA ranking 2020.
KJSSC [ARI-C-33631]

NISP Adoption status -

Mr. Jaidip Wable has been nominated for NISP adoption in the Institute.

K. Detail of Social Media & Connections of IIC institute:

Instagrm : @ecellkjssc

Email id: innovation.kjssc@somaiya.edu

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

M. Images:

N. Contact

Dr. Pradnya Parbhu Principal:

Email id: principal.kjssc@somaiya.edu

Mr. Jaidip Wable

President IIC

Email id: jaidip@somaiya.edu

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IQAC

On February 20, 2023, HaldiKumkum was organized by the IQAC committee of K J Somaiya College of Science and Commerce. This was the first year post pandemic that the event was organized in offline manner, yet the fun and excitement regarding it was seamless. The entire event as well as some games were conducted in the seminar hall wherein, teachers, non-teaching staff and the clean tech staff displayed acts of creativity and group building spirit. Around 56 members attended the event. The host for the day was Ms. Jyoti Sharma & Ms. Namrata Nagwekar. The event began at 10:30 am. All the members were greeted by applying ittar on their hands. Various games were played by dividing all the members in different groups selected randomly. Prizes were distributed for the winners at the end of the game. Towards the end, the members were given haldi kumkum and vaan. All of them enjoyed the programme a lot. The event ended by 12:30 pm.

Number of beneficiaries were
Teaching:39 Nonteaching: 17

Collaborative Learning Strategies

IQAC- K. J Somaiya College of Science and Commerce, Vidyavihar, Mumbai on 25th November 2022.

Number of beneficiaries were 11 teaching staff members from K. J. Somaiya College of Science and Commerce Participants of the workshop were keen to collaborate for the collective betterment of the students. Keeping it simple, innovative and easy, without compensating for the quality, was the main aim of the workshop. With a brief introduction from the host and followed address by Dr, Archana Padgaonkar, and then blessings from Dr. Suchitra Naik, Principal, Bedekar College, the session was brought to light by the resource persons. A series of workshops followed and their findings are listed below:

Participants learnt various learner-centric collaborative strategies like Jigsaw, Thought Cloud, Think-pair and Share, etc. These pedagogies are predominantly designed to keep the learner engaged and make the learning sessions more interactive. Pair and Share- The resource person asked the participants to randomly make a pair and make a thought cloud on the meaning of collaborative learning. Later the resource person instructed the participants about the outcomes of the activity performed. Concept Mapping-This strategy helps the students to summarize the concept with the help of a flowchart, tree diagram which eventually helps them to prepare better for the Exams. Fishbowl-

This method was introduced by actual demonstration. The inside circle interacts

with the outer circle pair and exchange their ideas on a particular topic. Then after some time the inside circle moves and exchange the ideas shared with the person. This method helps students to gain ideas/ knowledge on a particular topic in a detailed manner. Participants actively participated and learnt various strategies. Participants were grateful to Principal Dr. Pradnya Prabhu, Vice-principal Dr. Lolly Jain and representative Dr. Archana Padgaonkar, for arranging and making such a delightful workshop fruitful. Vote of thanks was offered by Dr. Pradnya Rajebahadur, wherein, she talked about the significance of the workshop and the special benefits to present and upcoming teachers.

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Library Development Committee

The library development committee conducts activities to nurture an interest in reading and to encourage a desire for lifelong learning in students. It also aims to provide comprehensive resources and services in support of research, teaching, and learning needs of the academic community.

An orientation programme was organized for T.Y.BSc. and M.Sc. students from 28th July to 6th August 2022 to provide hands-on training to them regarding usage of library facilities and resources.

The committee celebrated 'National librarians Day' on 12th August 2022 by organizing an online workshop on "Effective utilization of JGate plus Database". The resource person was Mr. Mayank Shah, Training & Business Development Manager - West - J-Gate.

Book exhibitions were organized on the occasion of Azaadi ka Amrut Mahotsav on 13th August, 22, birth Anniversary of Dr. APJ Abdul Kalam on 15th October, 22 and Marathi Rajbhasha Din on 27th February, 23.

Best library user awards were given to students to appreciate and encourage

usage of the library resources. Best Library user awards were given to Kaustubh S. Rewankar (S.Y. BSc) and Neha S. Yadav (MSc.II Physics) and Best e-library user award was given to Santra Mahindra S. (MSc. I Physics).

During the academic year 2022-23 the college library added 665 new books in the Senior college section and 79 new books to Junior College. Thus, the library presently houses a collection of 85391 books and 2011 bound Volumes of Periodicals/ Journals. The library has remote access to e-books and e-journals through the following databases namely, EBSCO discovery, NLIST, Jgate ,Web of Science and Scifinder.

Library Development Committee
Dr. Soniya Shetty, Convenor.

Members:

Dr. Hemangi Bhagwat
Dr. Sugandha Shetye
Dr. Veena Khilnani
Mr. Ketankumar Gayakwad
Mr. Manish Mohadikar
Ms. Sameera Samant.

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मराठी वाङ्मय मंडळ

दिनांक १३ जुलै २०२२ रोजी सकाळी १०:०० वाजता के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालय, विद्याविहार, मुंबई या महाविद्यालयातील मराठी वाङ्मय मंडळा अंतर्गत गुरुपौर्णिमेचा कार्यक्रम आयोजित करण्यात आला होता. शिक्षकांचे स्वागत फूल देऊन व अत्तराने करण्यात आले. महाविद्यालयाच्या प्रथेनुसार कार्यक्रमाची सुरुवात प्रार्थनेने झाली. त्यानंतर मराठी वाङ्मय मंडळाची नव्याने सुरुवात झाली असल्याने ह्याच दिवशी प्राचार्य डॉ. प्रज्ञा प्रभू, उपप्राचार्य डॉ. लॉली जैन, डिन अकॅडमीक्स डॉ. स्मिता सुरवसे व डिन रिसर्च डॉ. रोहित चौहान यांच्या हस्ते दीपप्रज्वलन करून मंडळाचा उद्घाटन सोहळा देखील पार पडला. दीपप्रज्वलनानंतर गणेशाची आराधना करण्यासाठी महाविद्यालयातील विद्यार्थिनी मंजिरी कारखानिस व विद्यार्थिनी सानिका पांडव यांनी गणेशवंदना नृत्य सादर केले. त्यानंतर या वर्षी महाविद्यालयातील निवृत्त होणाऱ्या ३ शिक्षकांचा सन्मान करण्यात आला. विद्यार्थी भुवनेश पुरोहित व विद्यार्थी चैतन्य यांनी शास्त्रीय संगीतातील दोन वाद्य म्हणजेच तबला आणि पेटीची, संगत सादर केली. विद्यार्थिनी शमिता शेरिगर आणि विद्यार्थिनी साधना मोरे यांनी गायन केले. शिक्षकांना त्यांच्या धावपळीच्या आयुष्यातून थोडा विसावा मिळावा म्हणून एका मजेशीर खेळाचे आयोजन करण्यात आले होते व कार्यक्रमाची सांगता राष्ट्रगीताने झाली. या संपूर्ण सोहळ्याचे निवेदन व शिक्षक वर्गाचे आणि विद्यार्थ्यांचे आभार व्यक्त विद्यार्थिनी मृणाल लांबे हिने सुंदररीत्या केले. सेमिनार हॉलच्या प्रवेशद्वाराजवळ सुंदर रांगोळी काढण्यात आली होती व प्रवेशद्वारावर फुलांचे तोरण लावून सजवण्यात आले होते. हा कार्यक्रम महाविद्यालयातील शिक्षक व विद्यार्थी वर्गाच्या उपस्थितीमुळे अतिशय उत्साहात साजरा करण्यात आला.

दिनांक १० नोव्हेंबर २०२२ रोजी सकाळी १०:०० वाजता के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालय, विद्याविहार, मुंबई या महाविद्यालयातील मराठी वाङ्मय मंडळा अंतर्गत 'महाराष्ट्राची खाद्य जत्रा' आयोजित करण्यात आली होती. विद्यार्थ्यांनी महाराष्ट्रातील खाद्य पदार्थ घरून बनवून आणले होते व त्याचे महाविद्यालयाच्या परिसरात स्टॉल लावण्यात आले होते. पुरणपोळी, मोदक, झुणका भाकर, इत्यादी खाद्य पदार्थ व सोलकढी, ताक, इत्यादी पेय पदार्थांचा स्टॉल लावण्यात आला होता. विक्रेतीची सुरुवात ही महाविद्यालयातील प्राचार्या, डॉ. प्रज्ञा प्रभू यांच्या हस्ते झाली. महाविद्यालयातील सगळ्याच शिक्षक, शिक्षकेतर

कर्मचारी व विद्यार्थ्यांनी महाराष्ट्रातील खाद्य पदार्थांचा मनापासून आस्वाद घेतला. महाराष्ट्रातील खाद्य पदार्थ सगळ्यांपर्यंत पोहचवण्याचा हेतू साध्य झाला.

दिनांक १२ डिसेंबर २०२२ रोजी सकाळी ८:०० वाजता के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालय, विद्याविहार, मुंबई या महाविद्यालयातील मराठी वाङ्मय मंडळा अंतर्गत 'सर्व भाषा दिवस ३९' साजरा करण्यात आला. विविध भाषेतील विद्यार्थी एकत्र येऊन त्यांच्या मातृभाषेत त्यांनी त्यांच्या परंपरा व संस्कृतीची माहिती दिली व त्याचा हिंदी भाषेत भाषांतर करून त्याचा अर्थ समजावले. इतर विद्यार्थ्यांना विविध भाषा शिकायला मिळाल्या. विद्यार्थ्यांनी तुळू, बंगाली, उडिया, उर्दू, गुजराथी, भोजपुरी व संस्कृत भाषेचा वापर केला.

दरवर्षीप्रमाणे यंदाही के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालयातला मराठमोळा सोहळा म्हणजेच 'अस्मिता - मराठी मनाचा मानबिंदू' अतिशय उत्साहाने पार पडला पण यावर्षी अस्मिता ही पहिल्यांदा ऑफलाईन आंतरमहविद्यालयीन स्तरावर पार पडली. या वर्षीची संकल्पना 'सफर महाराष्ट्राची' अशी होती. अस्मिता २०२१-२२ हा सोहळा १२ आणि १३ जानेवारी २०२२ रोजी पार पडला. यामध्ये विविध कलागुणांच्या स्पर्धा आयोजित करण्यात आल्या होत्या. जसे नृत्य, संगीत, कविता वाचन, कविता लेखन, एकपात्री अभिनय, रांगोळी, मेहेंदी, अशा अनेक स्पर्धा होत्या आणि त्यातच अस्मिता विशेष म्हणजेच 'Mr. & Ms. अस्मिता' ही स्पर्धा देखील आयोजित करण्यात आली होती. यामध्ये सोमैया तसेच विविध महाविद्यालयाच्या विद्यार्थ्यांनी मोठ्या प्रमाणात सहभाग घेतला.

मुंबई विद्यापीठातील २६ महाविद्यालयांनी सोहळ्यात भाग घेतला आणि एकूण ९० स्पर्धक सोहळ्याला आले होते. अस्मिताचा पहिला दिवस म्हणजे १२ जानेवारी रोजी गायन, ललित कलेच्या स्पर्धा, अस्मिता विशेष Mr. & Ms. अस्मिता महाविद्यालयातील सेमिनार हॉल व ग्रंथालयात आयोजित करण्यात आल्या. स्पर्धेच्या निकालासाठी परीक्षक बोलावण्यात आले होते. दुसऱ्या दिवसाची म्हणजेच १३ जानेवारी २०२३ सुरुवात ही दिंडी ने करण्यात आली. उर्वरित स्पर्धा म्हणजेच नृत्य व अभिनय स्पर्धा सभागृहात याच दिवशी आयोजित करण्यात आल्या. आयोजित स्पर्धांचे निकाल देखील दुसऱ्या दिवशी जाहीर करण्यात आले. या दिवशीची आकर्षकता म्हणजे विशेष अतिथी समीर दीक्षित

यांना आमंत्रित करण्यात आले होते. त्यांनी सिनेमा सृष्टीतील पडद्यामागील मेहनत यावर खूप सुंदर माहिती दिली. बक्षीस वितरण समारंभ त्यांच्याच हस्ते करण्यात आला. अतिथी व प्रेक्षकांचे आभार प्रकट करून आणि विजेत्यांचे अभिनंदन करून सोहळ्याची सांगता करण्यात आली.

२६ जानेवारी २०२३ म्हणजेच प्रजास्ताक दिनानिमित्त सोमैया कॅम्पस मध्ये होणाऱ्या ध्वजारोहण कार्यक्रमात के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालयातील मराठी वाङ्मय मंडळाने ग्रंथ दिंडी काढण्यात आली. ह्या दिवशी सोमैयाचे प्रमुख समीर सोमैया सर उपस्थित होते. त्यांच्या हस्ते ध्वजारोहण करण्यात आले. सोमैया कॅम्पस मधील विविध महाविद्यालयातून सादरीकरण करण्यात आले. के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालयातून ग्रंथ दिंडी सादर करण्यात आली. मुलांनी लेझिम सादर केली व ग्रंथांची पालखी देखील नाचवण्यात आली. विद्यार्थ्यांनी ढोल देखील वाजवला.

दिनांक १८ ऑक्टोबर २०२२ रोजी सकाळी ९:०० वाजता के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालय, विद्याविहार, मुंबई या महाविद्यालयातील मराठी वाङ्मय मंडळा अंतर्गत 'निवेदनाची कार्यशाळा' करण्यात आली. मनोज बेळीकट्टे यांनी निवेदन कसे करावे हे सांगितले. त्यांनी आवाजातील उतारचढाव, माईक कसा धरावा, रंगमंचावर कसे उभे राहावे, निवेदकाची देहबोली, इत्यादी अशा अनेक गोष्टी सांगितल्या. श्रोत्यांना निवेदन करण्याची उत्तम पद्धत शिकता आली. या कार्यशाळेचे निवेदन विद्यार्थ्यांनी मृण्मय नाईक हिने सुंदररित्या केली. कार्यक्रमाचा शेवट विद्यार्थ्यांनी कोमल शिंदे हिने आभार प्रदर्शन करून केला.

दिनांक २० फेब्रुवारी २०२३ रोजी सकाळी १०:०० वाजता के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालय, विद्याविहार, मुंबई या महाविद्यालयातील मराठी वाङ्मय मंडळा अंतर्गत 'शिव छत्रपतींचा जन्मउत्सव' साजरा करण्यात आला होता. कार्यक्रमाची सुरुवात महाविद्यालयाच्या अकॅडमीक डीन डॉ. स्मिता सुरवसे ह्यांच्या हस्ते छत्रपती शिवाजी महाराजांची पूजा करून करण्यात आली. त्यानंतर महाविद्यालयाच्या शिक्षिका श्रुती मॅडम ह्यांनी महाराष्ट्र गीत सादर केले. महाविद्यालयातील विद्यार्थी यश बेलवटे याने छत्रपती शिवाजी महाराजांच्या जीवनातील काही प्रसंग सांगितले. कार्यक्रमाच्या शेवट विद्यार्थ्यांनी कोमल शिंदे हिने सगळ्यांचे आभार व्यक्त करून केला. पूर्ण कार्यक्रमाचे सूत्रसंचालन विद्यार्थ्यांनी वैष्णवी बांगर हिने सुंदररित्या केले. दिनांक ३ डिसेंबर २०२२ रोजी दुपारी २:०० वाजता के. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालय, विद्याविहार, मुंबई या महाविद्यालयातील मराठी वाङ्मय मंडळा अंतर्गत 'पुनश्च अस्मिता' हा सोहळा साकरबेन करमशी सोमैया सभागृहात पार पडला. १९९७ पासून २०२१ पर्यंतचे शैक्षणिक वर्षातील विद्यार्थ्यांनी एकत्र येऊन हा सोहळा जल्लोषात पार पाडला. रंगमंच व नटराज पूजन, दीप प्रज्वलन करून कार्यक्रमाची सुरुवात करण्यात आली. महाविद्यालयाच्या प्राचार्या डॉ. प्रज्ञा प्रभू यांनी अस्मिता सोहळ्याचा प्रवास व यशाचं कौतुक केलं. माजी विद्यार्थ्यांनी वाद्यवृंदाचा कार्यक्रम केला. कार्यक्रमाचा शेवट मराठी पाऊल पडते पुढे व पसायदानाने झाली. कार्यक्रमाचे सूत्रसंचालन माजी विद्यार्थी श्री. मनोज बेळीकट्टी, श्री. स्वप्नील परशुरामी व श्री. रोशन कदम यांनी केली.

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NCC

On 8th June 2022 Puneet Sagar Abhiyan was organised by MAH Girls NCC unit along with 1 ANO Lt. Dr. Rohini Kasabe & 22 KJSSC Girls NCC cadets. Location was Girgaon Chowpaty at 8.00 am. Cadets have collected plastic waste and other harmful materials from the surroundings in disposable bags around 200 kg by making the place better and healthier one to visit. After the collection of waste materials cadets

performed one street play for generating awareness about cleanliness.

A number of activities are being conducted by girls NCC unit every year. On the occasion of 8th International yoga Day KJSSC Girls NCC UNIT organized Yoga for humanity on 21st June 2022. As a 1 center of 1 MAH GIRLS NCC BN total 100 cadets were presents including KJSSC GIRLS NCC unit, SIES College & Maharashtra College out of that

60 KJS cadets, SIES total 30 cadets & Maharashtra college total 10 cadets were present in this practical yoga session. Cadets have performed different types of Asana realizing the importance yoga has in our day to day stressful life.

The aim behind conducting this activity was to ensure that all cadets realize what importance yoga holds in their day to day life which not only improves our physical health, but also improves our mental health

On 15th August 2022 Independence Day was celebrated in our campus. Our chairman Shri Sameer Somaiya hosted 100 feet flag and then the celebration went on with many cultural and physical activities. Secretary of Somaiya trust Lt.Gen. Jagbir Singh sir, Avantika ma'am & other all respected principals were present in this annual event. Entire Somaiya Vidhyavihar celebrated Azadi ka Amrut Mahostav on 15 th august 2022. From KJSSC Girls NCC Unit total 60 cadets were present with ANO Lt.Dr. Rohini Kasabe. After refreshment this event was end with full of Josh & happiness.

Somaiya Vidhyavihar celebrated Birth Anniversary of Major Dhyan Chand Singh "The Wizard of field Hockey" on 29 th August 2022 by Somaiya Sports Academy at 10.30 am onwards. In this event All Girls NCC cadets were gathered along with other college students to participate in the fit India movement on the occasion of sports day. Some physical activities took place and cadets ran 4 rounds of the 800m track. Chairman of Somaiya Vidhyavihar respected Shree Sameer Somaiya Sir addressed all

students including NCC cadets. Total 35 cadets participated in this event.

Puneet Sagar Abhiyan was launched by the Government of India. As a part of Puneet sagarabhiyan 1 MAH Girls NCC Bn organised many activities to clean Sea Shores/ Beaches and other water bodies including rivers & lakes, of plastic & other waste and increase awareness amongst the local population about importance of keeping the beaches and rivers fronts clean.

On 30th December 2022 Krida Jyoti Sports & Rally was organised at Gate Way of India. Girls cadet reached Gateway at 06.00 hrs after assembling there all the respected committee members of Sports were Present. The Torch Has been Lighted and the Committee Head Gave Speech. President – Adv. Prashant Deshpande Maharashtra Olympic association was present there. Rally Started from Gateway of India To CST Station.

The constitutions which declared our country a republic allow us to live in own way, leave a dignified life and rule ourselves. It proclaims us a democracy. K.J. Somaiya college celebrated 74 th republic day with full energy. We celebrated this day by unfurling flag followed by NCC parade .Guard of honour done by KJSSC Girls NCC unit. More than 100 cadets including ex-cadets were present in this event. All Institutes of Somaiya Vidhyavihar were participated in this event. Cultural programmes were performed by students of different sister institutes.

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NSS

Mega Blood Donation Drive 2022-23:

It has been over 3 years since the COVID-19 pandemic and the dire need for blood still exists for various reasons, but one of the greatest losses and dangers due to the scarcity of blood is to the Thalassemia patients. Thalassemia: a blood disorder that can also lead to death if the patient doesn't get blood on time. There are hundreds and

thousands of children suffering from Thalassemia, who can lose their life if there's an immense scarcity of blood. To help them, make their difficulties less and add some more days to their life, we continued the Mega Blood Donation Drive this year too. The overwhelming response from Blood Donors was admirable and the courage and willingness were highly

inspiring. Their contribution to the community evoked a sense of gratefulness in the volunteers. Thus, volunteers worked hard throughout this Drive in a very commendable manner which resulted in the conduction of 7 Blood Donation Camps with more than 300 beneficiaries. The NSS Unit of K J Somaiya College of Science & Commerce will always work towards implementing such social activities, will work as a helping aid during difficult times and plans to conduct such Blood Donation Camps for the needy Thalassemia patients.

Yogchikitsa:

The NSS Unit in collaboration with NCC unit organized a 4 days workshop. Till 3 days major Asanas and Yogas related to Heart, Brain, Backbone were taught and performed digitally and on 21st June, 2022 on the occasion of International Yoga Day, 'YOG Chikitsa' activity was conducted by Lt. Dr. Rohini Kasbe Madam in the college campus

Eco-friendly Rakhi:

The NSS Unit celebrated Eco-Friendly Raksha Bandhan by tying Rakhi's, skillfully made out of Bamboo Grass by Tribal women. 11 female volunteers tied Rakhi's to the Somaiya guards, Rajawadi Hospital staff as well as Pant Nagar Police station officials. The activity was conducted with an objective to show gratitude towards individuals who are our day-to-day helpers and protectors.

Beach Clean Up:

The NSS Unit stepped towards a beach beautification and clean up drive, at Dadar beach. Volunteers were provided with cleaning equipment and gloves as a result of which effective cleaning of beach floor and shore was achieved. Volunteers made a move to reduce marine pollution and creating awareness about the same by actively collecting and accumulating plastic waste and following the motive of 'Swachh Bharat, Swasth Bharat'.

Health card generation

On the auspicious occasion of Ganeshotsav, the NSS Unit organized a Health Card Generation Drive to benefit the senior citizens of our society. The volunteers humbly collected the data of senior citizens

by conveying the benefits of carrying a Health Card with them. All queries of senior citizens were thoroughly and correctly resolved by the volunteers by enlightening the importance of 'Health Card during Medical Emergencies', 20 senior citizens willingly stepped forward for Health Card registration.

Voter's ID registration

On the special occasion of Ganeshotsav, the NSS Unit took a step towards encouraging and helping 18+ citizens for their Voter ID registration and Aadhaar linking. All the volunteers enthusiastically went up to people and told them about the 'Voter Helpline App' for registering and linking. They did the activity by encouraging 67 citizens to make Voter IDs. They also took forward the activity to Trishul Yuva Sangh and got a great response from there too. No personal information was recorded by the volunteers.

E - Waste Collection Drive

An e-waste collection drive was organized in the college campus on account of proper disposal of the electrical and their harmful effects on our environment. Volunteers dedicatedly collected the e-waste from their buildings, societies, areas etc. and motivated others into participating in the collection drive too. A seminar on 'E-waste Management & it's Handling' was also conducted, wherein Mrs. Rashmi Joshi, Environment Consultant gave a talk on the topic. A total of 67.25 kg of e-waste was collected.

Tiranga Rally on occasion Azadi ka Amrit Mahotsav

The NSS Unit of organized a Rally in Somaiya campus on the auspicious occasion of completing 75 years of Indian Independence under Azadi ka Amrit Mahotsav. Along with Hon. Vice Principal Ma'am, NSS volunteers followed by teachers and students of different departments, NCC cadets, and cultural forum with other dignitaries cheerfully participated. Reciting freedom slogans with raised flags every participant flaunted nationalism with pride.

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Olympiad Committee 2022-23

Olympiad examination for junior college students is a nationwide program. Every year our college conducts this exam. for junior college students.

As a part of our curriculums we had registered our college as a center for above exam on 17 August 2022.

Earlier Above exam used to be conducted for physics, chemistry, biology

and Astronomy on same day. This year Olympiad exam was conducted on two different days i.e. on 26th and 27th November.

Another change was this year IAPT has allotted some students from KENDRIYA VIDYALAY for junior science examination in our college.

Following is the attendance report of the examination

No.	Day	Time	Subject	No.of students registered	No.of students present
1	26/11/22	2.30pm to 4.30pm	Junior science	08	03
2	26/11/22	2.30pm to 4.30pm	Biology	59	44
3	27/11/22	8.30am to 10.30am	Physics	51	32
4	27/11/22	11am to 1pm	Chemistry	47	34
5	27/11/22	2.30pm to 4.30pm	Astronomy	21	14

With the help of our Respected Principal, Vice-principal, supervisor and my committee member above exam. was

conducted smoothly. My sincere thanks to everyone.

Rohidas Aba Kubal
Convenor
Olympiad Exam 2022-23

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Students Council

1. On Monday, 18th of July 2022 -"JAB SOMAIYA MET BOLLYWOOD" was the first event of the academic year 2022-23. The event began with the blessings of the Almighty at 11.00 am in the Seminar Hall. On this occasion Dr. Smita Survase addressed the faculty and students. The programme was hosted by Ms. Abeer Syed (SY. BSC) and Mr. Harsh Thakkar (TY. BCOM). The event began with Ms. Shamita Sherigar reciting campus prayer. The event was full of activities and games. Bingo was an attraction for the day. Then came the heart of the event "The Walk of Fame" i.e., fashion show. Around 14 students registered for this event and were told to dress up as any Bollywood character and prepare a small dance, dialogue, or song. Tribute was paid

to KK by Somaiya singers. There was a dance performance on Bollywood songs.

2. On Monday 27th June a session was organised with CASI on financial literacy for the students of Bcom. and BSc. Ms. Sakshi Motwani welcomed the resource person and participants. And this was followed by Somaiya prayer sung by Ms. Shamita Sherigar, Ms Rinky Gupta introduced the resource person and session was handed over to the speaker, Mr Paresh Sheth began the session with introduction to Financial Investments, and how age wise asset allocation is done to receive higher returns on investment. He ended the session by saying "Indians are good in savings. It is in our blood" The speaker addressed the

queries raised by the participants. The seminar was concluded with a vote of thanks by Ms Shamita Sherigar.

3. On Saturday, 13th of August 2022, an activity was conducted by Student Council, "Independence Day Quotes" Teaching faculty members of KJSSC were asked to write the quotes on a cloth displayed at the entrance of the institute on the ground floor lobby. There was a good response to the activity taken up under Azadi ka Amrit Mahotsav.

4. On Sunday, 14th of August, 2022 Essay/ Poetry Competition was organized by the Student Council of KJSSC, under Azadi ka Amrit Mahotsav to "Commemorate Vibhishika Divas". Flyers were sent to all the students prior. Topics for the competition were:- Contribution of women social activists in India in the last 75 years. My dream India for the next 25 years. All the rules were mentioned in the flyer. August

17th and 18th were the dates of submission and all the details regarding the event was mentioned in the brochure. 27 students participated in the event.

Following were the winners :-

1st Prize is secured by Ms. Yokshita Apraj (FYBCOM) - Essay

2nd Prize secured by Ms. Shugan Lakhara (FYBSC)- Essay

Ms Shreeyansh Chari was awarded 1st Prize for Poetry from (FYBSC)

5. On Sunday, 7th of August 2022 activity was conducted by the Student Council under Azadi Ka Amrit Mohotsav. Google form was circulated, and students & staff uploaded the photos of the flag hoisted in their household. It was well received event by all. A collage was shared to all

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Teacher's Day Celebration

Teachers Day was Celebrated on 5th of September 2023 in the Smt. Sakerben Sabhagruh

Prof. Sonali Rode could not come for the program. After talk of guest Prof, Raghunath Kashinath Shevgaonkar To recognise the contribution of long serving teaching and non-teaching staff of college.

Following staff members were awarded with long service award for the academic year 2022-23.

1. Mr. Dattatray Eknath Chavan (Class IV)
2. Mr. Hemant Laxman Hatkar (Class IV)
3. Mr. Ramakant Ramchandra Bharde (Class IV)

4. Mr. Sunil Dhondu Mohite (Class IV)
5. Mr. Dilip Laxman Naik (Class IV)
6. Mrs. Sameera Satyendra Samant (Class III)
7. Mr. Dattaram Sakharam Shinde (Junior College)
8. Mrs. Savita Sanjay Godbole (Junior College)
9. Dr. Samidha Pawaskar (Degree College)
10. Mrs. Chitra Trehan (Degree College)

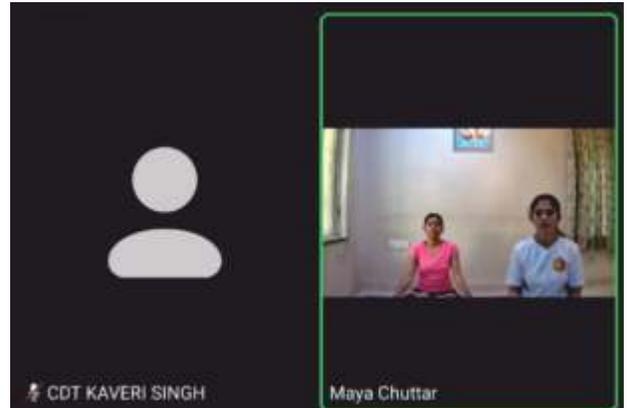
Award function was followed by a short cultural program. 153 people attended the function.

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Topper's List Year 2022-23

Sr.No.	UG/PG	Subject	Name
1	PG	Botany	NAGARIA JAYANI KISHOR DEEPA
2	PG	Biochemistry	NAKHA SIDDHARTH SIDDHESHWAR SEEMA
3	PG	Organic Chemistry	SATRA RUSHABH NANJI VARSHA
4	PG	Analytical Chemistry	YADAV PRITI SURYALAL URMILA
5	PG	Physical Chemistry	MATHEW ALAN JOHN
6	PG	Inorganic chemistry	MUNSHI MUNAZZA JUBER NASEEM
7	PG	Geology	SARMAH MURCHANA
8	PG	Microbiology	BHAMANI AMAN NADIYA
9	PG	Physics	YADAV KIRAN KISAN SUBHAVATI
10	PG	Zoology	YADAV SAROJ JIYALAL SHEELA
11	UG	Commerce	MUDALIAR KOUSHIKA NAMBIKAJAN GOURI
12	UG	Botany	PANICKER SHREEJIT SETHUMADHAVAN UMADEVI
13	UG	Chem- Biochem	KHAN EILAF MOHAMED SALIM NAJMA
14	UG	Chemistry	GEHLOT BHAVIKA PARASMAL NEENA
15	UG	Geology	OZA VIVEK HITESH KETKI
16	UG	Micro-Biochem	JAIWAL GAURAV SANTOSH MANJU
17	UG	Mathematics	SHARMA NIBEDITA DULUMONI DEVI
18	UG	Microbiology	JADHAV APEKSHA PRADEEP PRACHI
19	UG	Physics	TIWARI SARVESH RAJESH KANCHAN
20	UG	Statistics	SHARMA APEKSHA HRISHIKESH SAPNA
21	UG	Zoology	PUMBHADIA KRISHNA NAYAN SONAL

Cultural Activities

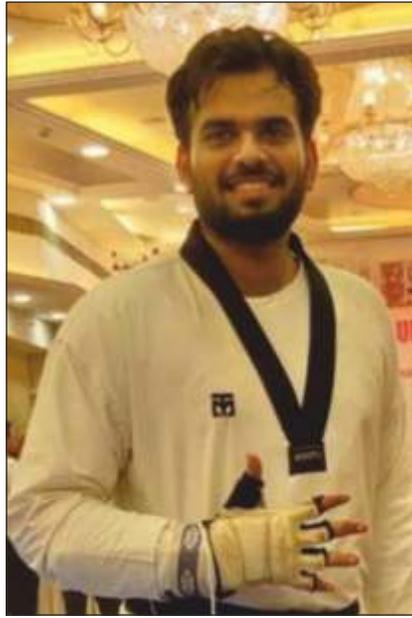


Gymkhana



Sharvari Parulekar
(SYBSC)

Athletics Triple Jump & Long Jump
19th National Federation
Cup Junior U20
Athletics Championships
Triple Jump -Gold Medal



Shivam Pingale
(TYBSC)

Taekwondo Men
Inter-Collegiate - Gold Medal
(84Kg) National Level



Viraj Savl
(SYBSC)

Taekwondo Men
Inter-Collegiate - Gold Medal
(84Kg) National Level



Ragini Jaiswar
(FYB.Com)

Taekwondo Women
Inter-Collegiate - Gold Medal
(54Kg) National Level



Atharva Sawant
(TYBMS)

Taekwondo Men
33rd Maharashtra Senior Kyurogi and 9th Poomsae
State Championship - Bronze Medal

NSS Activities



Eco-friendly Rakhi



Vaccination Drive



Mahim Beach Clean Up



Voter ID Registration Drive

NSS Activities



Mega Blood Donation Drive



Yogsadhana



Flood Relief Donation Drive for Konkan



Mangrove Clean Up Drive

NCC Activities



Tree Plantation Drive



Republic day

Long Service Award



Mr. D. G. Phondekar
(Geography)



Dr. Hemangi Bhagwat
(Business communication)



Mr. Cintamani Tukaram Khadpe
Lab Attendent (Geology)



Mr. Rajendra Prasad Yadav
Junior Clerk (Admin Office)

