

Impact of Plastics on Human Health

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'Plastics' are non-biodegradable polymer / substances which have legitimate uses of benefits to the society but their 'brazen misuse' has led to radically unsustainable conditions. In latest past few decades the use of plastics and its disposing methods are creating a threatening impact on humans. Some incidences have attracted attention of whole world for plastics.

According to the 'US international report' on 'human consumption of plastics', phthalate's (compounds present in cosmetics and household plastic products) were detected in blood and urine samples of individuals. This tells us that the plastics have not only entered in world but in human anatomy, human hormones and human blood stream too.

'Plasticizers' are substances which are added in plastics for its better properties; one most commonly known is 'Di-ethylhexyl phthalate (DEHP)' which is found in medical devices or tubing additives, in IV bags. "If you're in a hospital, hooked up to an IV drip" the chemical that oozes out reaches directly into the bloodstream. This affects the susceptible population especially Newborn's. 'DEHP' is a 'toxic carcinogen'.

'Plastic pollution' is 'rampant' in water bodies. The fishes and other marine creatures ingest the plastic bags lying on or inside water bodies and they get affected. A 'direct toxicity' of plastics reaches into them as mercury, cadmium and lead. This is dangerous for human beings because they ingest such affected fishes.

'Bis-phenol A' found in plastics is compound which can damage hormonal systems. It is found in baby bottles, water bottles, food packaging, canned products, etc. If it is ingested than it directly reaches to endocrine system thereby damaging hormonal system. It leads to reproductive malformations, brain damage, ulcerations, diabetes, growth deficiency in

children's. Another compound in plastics is 'benzene' which is a 'carcinogen'.

As environment gets deteriorated because of plastics and its disposal patterns the growth of agricultural crops and plant diversity is affected because the 'burying of plastics in soil' can release a toxic chemical which gets penetrated in soil and plant diversity and groundwater too! If 'Humans' consume such food than certain amount of chemicals enters their body and this is dangerous for life. Plastic waste keep deteriorating with time and becomes a breeding ground for mosquitoes and other insects. When such mosquitoes bites human beings they are affected and give rise to various diseases.

The findings and research suggest that if you consume 1 liter of bottled water per day, you could be consuming 10,000 of 'micro plastics' (plastic particles smaller than 5mm) each year. Some tests have been done on bottled water of top companies estimated that 100% of top mineral water tests had traces of micro-plastics.

New research published earlier this year has shown that 'household dust' is more likely source for micro plastics. The researches said that, 114 pieces of micro plastics settle on dinner plates during the 20 minute duration of meal, adding up to between 18,000-68,000 per year. In this way the micro plastics can enter in human body. They said that tap water is much safer to use than bottled water. So 'Buy less, choose well'.

'Plastic' plays a 'villain role' from the stage of its production and it is a challenge to dispose it off because 'human life' and entire environmental fauna' is harmed by its improper use and disposal. 'If you think that you're at the end of something, than you are about beginning of something.'

Artificial Intelligence-boon or bane?

Akanksha Sharma
T.Y.B.Sc. Microbiology

“Artificial intelligence is the science of making machines do tasks that would require intelligence if done by men”. These are some golden words quoted by some scientist about artificial intelligence. In our day to day life we come across many applications of artificial intelligence which not all of us are aware of. Science due to its advancement has made this world a brain and each one of us a brain cell connected by neurons of artificial intelligence. An another step by science after clearing our superstitions to make us more practical and open to change is robotics which implies the artificial intelligence to make manual work more and more comfortable and less tedious. Who thought that one day you’ll be able to know about anything in the world by just swiping fingers on a flat cuboids of 5.5 inch.? Yes, off course a great person who thought of internet without looking up to anything on internet. It’s human tendency to get lazy when spoon-fed. Isn’t it exactly what we are doing? Getting lazier day by day and letting computers, calculators and mobiles perform silly tasks which a human brain can finish off in a fraction of time. Theories say we cannot cope up even with the thinking of the beings we are evolved from. The cranial capacity of Homo sapiens sapiens is now decreasing. We are losing the property for which one more ‘sapiens’ was added to our species. The year in which our cranial capacity with match with that of Australopithecus is not far off. We aren’t evolving anymore, are we? We are devolving.

The science which we invented to serve us, is it making us slaves? All these artificial intelligence is it a boon or bane? Quite debatable right? Lets make it simpler.

Dan Brown in his book Origin talks about this magic wand of modern time - Artificial intelligence. This story is about a futurist and a computer geek-Edmond Kush who is an athiest. He went on a mission to prove the world that all that is preached by religions isn’t true. Meanwhile, he solved a mystery of “where do we come from?” and ‘where are we going?’ probably the most intrigued thing in everyone’s soon to be vertical organ-Brain. He looked into the future

with the help of his self made-artificially intelligent computer and by exploiting simple laws of quantum physics and molecular physics predicted the evolution of Urey-Millers primoidal soup’. The results he found were disturbing but he checked twice, thrice and four times but the answer to the questions remained the same. It indicated towards extinction of humans. Eradication of man kind by that I mean entire population but there was also something else happening with the graphs he studied. There was another species growing or emerging along with or population and this population slowly at up the mammalian or specifically human population just in the way we finished many plants and animals by reforestation and wanton hunting. This new population was soon seen to be merging with the human population. Here, we would again fing the need to call wittaker from past to propose classification of living species and here would come the sixth kingdom - the kingdom of ‘Humatics’ - Yes, I made it up, this world doesn’t exist in oxford.

This isn’t amalgamation of ticks and humans but of robotics and humans. There will come a century where in humans will be actually glued with some robots and technology will take over. The reign of science will begin. What Kirsch discovered in the story might not make sense to people who don’t fill books but I assume we haven’t lost total logic and can see this coming in the near future. May be you and I won’t alive to live up to that era but this might be the end of human rule. You might be thinking how is this answering our motto of finding if artificial intelligence is a boon or bane. The answer comes here, to convey his findings Edmond needed a huge audience which he shared with his robotic assistant ‘Winston’. Winston being a machine made it his or its mission to be fulfilled. It posed as a fake journalist blogger and created type about Edmond’s presentation in the whole wide world. It gathered lackhs of views and subscriptions to meet his motto. Edmond meanwhile kept working to brings this finding public and once he said ‘Winston’ that he might consider planning his death as he was terminally ill to bring people’s eyes onto their screens to listen to his

presentation. Machines unlike humans don't understand the language of sarcasm, probability and trusting. All they understand is COMMAND. Winston being a full proof artificial intelligence, robotic invention cum personal assistant of the futurist Edmond kirsh received it's command...

Edmond was assassinated publicly in mid of his presentation in front of entire world for a mere publicity stunt and later on the revelation of the assassin shook the readers. This book through out talked about boons of artificial intelligence showing how luxuriantly Edmond lived but his own invention killed him because of a wrongly given command.

We cannot completely reduce the use of technology in a day let alone the thought of living without it. Human brain works or the mantra of despite chaos, create order. Although used less it differentiates between what's right and what's wondrous. Isn't intelligence, the ability to differentiate between right and wrong? No doubt we need technical stuff but we also need a life to enjoy its benefits. We want science to serve us and make life

simpler. Needless to say, we need to make a balance. We need to be intelligent enough to make efficient use of artificial intelligence or else we are dragging ourselves down the blackpole of utter ignorant and threathful life style.

Imagine world going haywire due to illogical commands perceived by logic gates of an efficiently functioning machine. It is now we need to take up the responsibility on our shoulders and become more and more Logic-sawy and open to change. Evolution is the ability of an individual to adapt to change and let me remind you ONLY THE FITTEST SURVIVES. None of us want to perish and we need to work for that we need to make correct use of our human intelligence to use artificial intelligence correctly. Once we learn this it will definite be a boon, otherwise a sword in the hand of a naive person is always dangerous. There will be a time when we will be proud to be called a reed or qeek because we know science and this world shall belong to the need and the qeeks.

Autobiography of a Coral Reef

Yeshwini Shetty

T.Y.B.Sc. Microbiology

The nature is me
What do you see?
I am meant to be me
Why wouldn't you agree?
you called me beautiful
And then ruined my parts...
slowly and steadily.

I am the largest living thing on the Earth. No! I am not an animal neither an elephant nor a whale instead I am the largest structure ever created by living organisms.

I am the one and only 'THE GREAT BARRIER REEF.'

You could literally see me from space isn't that fascinating...?

I am located at the shore of Queensland, Australia.

Coral reefs like me occupy just 0.1% present of this planet but I am home to 25% of the entire marine life. Am I not the richest? well, my admirers also call me the 'Rainforest of the ocean'. And I must say I am quits proud of that. Not to boast or anything but, I can provide my aquatic family with the most complex of the ecosystem and marine habitat, just to make them feel at HOME. Would you like to know who my family members are? They are all different kinds of fishes, mollusks, echinoderms, jelly fishes, sea squirts, sea birds, sea snakes and also little sea turtles. I love them all! Of course there are more to name but you'll be tired to know... I got a huge family.

I am surely grateful to them for being with me and they too are grateful to me since I make some pretty hard exoskeleton to protect and support me. Which they use as a source of carbon. Phew! Had

to take some science lessons to learn these things about myself. I have to say... I am really proud to be me? I mean why wouldn't I love myself; I am colorful, I am strong rather hard and I've got great company!

But Alas! Life was all happy and joy until you humans crossed my way! I am being smashed to rubbles and bleached to nothing.

Are you humans listening? Since I've got a voice today let me educate you on how your evolution (so called 'evolved brains') has turned into a disaster for me. These little stunts you pull-ocean acidification, deforestation, fishing, the sunscreens you weave and direct into my house!, pollution and the most drastic you take me out of my place and make things out of me, because – Why Not? And call it 'Coral Mining'? How mean is that? Am I not beautiful right here, deep down in the ocean and away from you? Now I Know why God put me there, he probably was not expecting you humans to dire that deep and probably also regrets evolving your brain.

I am sorry! I might have sounded too harsh don't get me wrong. I mean you can definitely admire me... in fact I love admirers but why do you feel the need to pluck the flower just to talk good things about it? Isn't it beautiful right there on the tree?

'Ache' my brother in Indonesia was 80% bleached to death! God bless his soul. You, humans should take some serious notice on how you have been treating your aquatic family... Yes your family... we belong to the same Earth after all! Some really good initiatives have been started by you humans (some good ones... not all are that bad)... Restoration they say, 'Coral aquaculture' they call it. Fancy terms but I hope it works for me.

In the end I would say that...

Probably there are not enough mines to be mined

But there are enough lives that need to be lived

Antimicrobial Drug Resistance

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Modern medicinal science make use of chemotherapeutic agents for the treatment of infections diseases. Antibiotics are the one which inhibits the growth of a pathogen (disease causing organism) or even kill it. These antibiotics are effective against many microorganisms. The first antimicrobial substance was 'Trypan red dye', which was discovered by scientist Erlich. Trypan red dye was effective against 'Trypanosomes', causative agent of African sleeping sickness.

In the 18th century Ernst Dchans was the first to discover 'penicillin' activity. Then in 1928 Alexander Fleming observed the effect of Penicillin on Staphylococcus species grown on a Petri plate which was been incubated previously. He observed that the plate was contaminated with Penicilium notatum, around which there was a zone of clearance. Penicillium released something which was inhibiting the growth of Staphylococcus aureus. He named it 'Penicillin'.

Antibiotics can be synthetic for example Ciprofloxacin or imidazoles or triazoles etc. They can be naturally produced by microorganisms like, Penicillin from Penicillium and Streptomycin from Streptomyces griseus. Semisynthetic antibiotics are those which are naturally produced but chemically modified.

Antibiotics are a gift of science which have saved many lives and provided protection against many pathogens. But nowadays pathogens have gained resistance to these antibiotics. This resistance has posed many problems in curing diseases. A classic example is the resistant Staphylococcus aureus which has gained resistance to methicillin, Vancomycin (MRSA and VRSA). It was observed that staphylococcus species obtained the Vancomycin resistance from Vancomycin Resistant Enterococci (VRE) in a hospital infection.

Microorganisms use many ways by which they become resistant to these drugs. One way by which

they become resistant is due to the presence of high content of mycolic acid in their lipid layer around peptidoglycan. The drugs are unable to penetrate this layer of mycolic acid. This is observed in gram negative pathogens.

Another way of obtaining resistance is by making use of translocases called 'Efflux Pumps'. These pumps out the drug out of the cell thereby making the pathogen resistant. Efflux Pumps are non-specific, hence they provide resistance to many drugs. Microorganisms sometimes alter the drug and make it inactive. Penicillin contains b-Lactam ring as its main functional component and resistant organisms produces an enzyme called b-Lactamase or Penicillinase which hydrolyses the b-Lactam ring and makes penicillin inactive. They also use alternate methods to obtain nutrients or essential growth factors so that they don't have to depend on normal synthesizing pathway which could have been affected by some drug. (Eg.: sulfa drugs)

It is very necessary that the organism which produces antibiotic should be resistant to the same. There are various genes that codes for antibiotic resistance. The sensitive pathogens acquire these genes from the antibiotic producing organism through horizontal gene transfer and become resistant to the same. These genes are present on genetic materials like chromosomes, Plasmids, transposones etc. which can freely move between two organisms. If one cell acquires resistance, then it is possible that all other cells in that population become resistant. Excessive use of unrequired antibiotics also make pathogens resistant.

Various approaches must be made in order to stop the drug resistance. DOTS i.e., Direct Observation Therapy under Servalliance, has done a great job in controlling the speak of drug resistance. In this a patient has to take antibiotics under the supervision of a health care officer ensuring the completion of the entire antibiotic course. If the course of medicine is not completed, if medication is stoped in between, then it is possible that some pathogens might survive. These surviving pathogen might not harm the lost again but they acquire resistance to the drug being used.

Doctors should not prescribe heavy dose of antibiotics if not necessary. One or more than one antibiotics should he used for treatment so that if the pathogen acquires resistance to one drug then it will get killed by other drug. Classic example is treating Tuberculosis by making use of Rifampicin, Isoniazid and Eghanbutol. This is really a good approach.

3-D structure of the target site in the pathogen will help to design a drug which will precisely fit in the target site and will bring about a strong and more effective response. The key to eradicate drug resistance is resting in our hands. Drug resistance should he taken seriously and preventive measures should be used to completely eradicate drug resistance so that our future generation will not have to suffer.

Eradication of Drug resistance is directly proportional to survival of human race.



Microbiome - The Second Brain

Mamta Maru
M.Sc.- I Microbiology

Microbiome is microbiota present on different part of body e.g. gut, skin etc. The Microbiome is group of this micro organisms present in our body. They may be beneficial or harmful in behavior depending on conditions. The gut microbiota is considered to be linked with the brain and called as second brain.

“Gut feelings are chemical signals send by our gut to the brain in danger.”

We all feel some kind of changes or responses which are given by our stomach we call it as our gut feelings we get gut feelings either it may be good or bad. These are chemical signals which are send to the brain by the gut micro biota. We feel some butterflies in our stomach, some kind of cramps in stomach when we get nervous these all are certain examples of our gut feelings what we observed. These are all controlled by our gut microbiota. It controls our emotions and governs our feelings to the brain. Therefore Microbiome is very important.

How we acquire this Microbiome?

This Microbiome is not present in our body before we take birth. When we are in uterus, we all are sterile, but at the time of birth we come in contact with the vaginal site of our mothers and come out in the world where we acquire some bacteria. During C-section delivery, the babies acquire bacteria as it comes into open environment immediately and therefore they might have change in their micro biota in comparison to other people. During breast feeding, exposure to outer environment and other predisposing factors, we acquire microbiome.

Gut Microbiome is group of microbes present in our large intestine and these bacteria may help or harm us depending on the situations. But a person wants to be healthy, its Gut Microbiome should be

healthy also. Gut Micro biome affects the health of a person. There are some people who can digest very easily but some people can not it all depends on their gut micro biota. These Micro biome also controls our emotions, physiological behavior.

When we eat sugar or chocolates or ice creams we immediately feel good as these micro biome sends chemical signals to the brain. Serotonin is if increased we feel more energetic this signal is also passed from the gut micro biome. Therefore Gut flora and Brain are interlinked with each other and both of these are important for our health.

For a Good relation between our Gut Micro biome and Brain, we should eat healthy vegetable, fruits, juices, salads etc. and avoid junk foods as they can suppress our gut micro biome and we might fall sick. We all have been told that we should not eat anything white except for yoghurt, as other white things like Bread, sugars etc can affect our Micro biome but yoghurt improves our Micro biome as it contains Lactobacillus spp. Probiotics are very good for our gut flora and thus they improve our health as they first make our stomach healthy. If the microbiome is healthy and good, It will always signal brain positive vibrations and we also feel very healthy and happy. The Micro biome which are invisible to us plays so important role is our body as it controls our health status and works in similar way like brain. Therefore Micro biome is called second brain. And it is very interesting topic “How much do you believe your Gut feeling now?”

We should all think on this question and we should start taking care of our gut Micro biome as it is our second brain. We should always consider our gut feeling and trust them. These invisible Micro biome can help us improve our life and health.

If I were my diary

*If I were a my diary, my pages would hold grudges
My pages would speak of happiness with people
And sadness when they drift away
If I were my diary, I would be sad by the dust on my covers
For my owner doesn't seem to have words for days altogether
But when words pour out, they never seem to stop at a page or ten.
If I were my diary, I would wonder whether to oblige to erase the words
Sometimes I would tear in denial to vanish them.
Sometimes I would respectfully obey the command
If I were my diary, I would try hardest to show my words to the person written for
Maybe my pages blowing in the wind gaining attention
Maybe a page torn out of my soul scattered to reach the recipient meant
If I were my diary, I would be stained, torn, and the binding almost gone
But still would be happy for I was taken care for
For with me resides the soul of my owner, its my job to make sure her words are never gone.*

Priyanka Khatwani,
S.Y.B.Sc.

Inked

*Tears, sweat, blood and ink,
Blended together into it.
Some laughed, some praised..
but was forgotten in a wink.
Thousands of midnights,
She spent awake.
Scribbling in her notebook,
Staring at shimmering lake.
A drop slipped down her eye,
She wiped it off.
Turned the lampshade on..
And stole the stars from night sky.
It was now a routine,
Poetry was her playmate..
Together with words they played,
Enjoying their little, inked date.
Applause and praises came by..
Best sellers one after the other..
Everyone admired the writings
But none saw the writer cry!*

Akanksha Sharma,
T.Y.B.Sc.



Interview with Beena Ma'am

How did you get into teaching?

I completed my post graduation from KJSSC. I did my M.Sc. in Organic Chemistry. Those two years were wonderful, we were just 10 students in the class for Organic Chemistry. I stood first in my batch. Initially, I wasn't looking for a career in teaching. I wanted to get into research or join the R&D (Research and Development) Department in some pharmaceutical company. My family members, however encouraged me to pursue teaching as a profession, as I had a loud and clear voice, but I wasn't very keen on it.

I then went and joined a pharmaceutical company and worked there for 6 months but I wasn't very happy with the work and realized this is not something I want to do. Later, two years after I got married there was a vacancy for teaching in degree college but as the workload reduced, the Principal asked me to join the KJSSC Junior College. Since then it's been 32 years 9 months that I have spent in college.

What are some of the happiest or the proudest moments for you?

One of the moments I always like to remember is when my two sons and I were together at the same place, at the same time. I was the teacher for chemistry in Jr. College, my elder son was a lecturer for Biotechnology in Degree College and my younger son was studying in the Jr. College. Later my elder son got his fellowship and he moved out of here, but this is something I will always cherish.

Second is when I was selected to represent our college in Cornell University in the States. Out of all the colleges and schools, I was selected, as our then Principal Dr Vijay Joshi Sir referred my name to Samir Sir. I met him and he asked me to send my CV; the next day he told me to get ready to go to Cornell. It was a wonderful five week learning experience and I got a lot of exposure.

Another takeaway moment was when I became the supervisor of the college and moved from teaching position to an admin position. Later, I became the Vice Principal and occupied the office as Dr. Beena Suresh Kumar as I got my PhD in

Education at the same time. It made me extremely happy.

Ma'am you mentioned going to Cornell, was it regarding some research?

The Science Academy have these summer programmes for K12 (Science) teachers. Reputed universities take it upon themselves to organize these programmes and provide funds, while the planning and execution is carried out by the individual universities. It was about alternative energy. So there were two teachers allotted to one research student. My group was working on bio fuel. So early in the morning we had guest lectures on biofuels and other fuels, post lunch it used to be original research. You won't believe I had to clear 10 online exams just to enter their chemical engineering lab. Later, we had a poster presentation which was open for everyone and we presented a poster based on the flocculating chemical agents by which green algae can be used as a biofuel.

Ma'am, you have done your PhD Research in Flipped Classroom, so can you tell us what exactly is Flipped Classroom?

The topic of my research was 'Catalysing student's engagement in chemistry learning through Flipped Classroom'. I experimented with 11th Standard students of 2015 batch. I had two divisions. Division F was the control group and the Division G was the experimental group. 100 students from that division were enrolled into Google Classroom. I had prepared around 100 videos, using powerpoint and my voice recording. The average attention span these days is not more than 10 minutes due to which the classroom teaching becomes passive after a while. So I converted every 40 minutes lecture content into 3 parts. I would post these lectures on Thursday and gave them time till Saturday to view them. I posted my assignments based on those modules. The assignments had a lock-in period for 3 days. These assignments were detailed, so in order to find out the correct answers the students had to pay attention and they could always look back at the video lectures. Post-Tuesday, I would assess these assignments and add in their marks and comments. The students could ask me all their queries during my next class.

In class, there was no teaching done, but I would take up quizzes, activities, projects, presentations that actually contributed towards learning. Students had a different pattern of learning commonly known as a flipped classroom as what they used to do in class, got done at home and vice versa.

The grades of the students from the flipped classroom were much better than the other class which followed the regular pattern. I saw the interest of students from the flipped classroom boost in chemistry because of practical learning.

I completed and received my PhD in Flipped Classroom. The best part about a flipped classroom is that students can revise any time they like, for a class test, exams and other because of the availability of these videos, assignments and projects that were online.

How can a teacher successfully implement flipped classroom?

The flipped classroom has four main pillars,

- 1) Preparing the content.
- 2) Designing the activities.
- 3) Assignments and the way you execute it.
- 4) Making it accountable.

Students usually find difficulties in organic chemistry, what is the best way to learn and understand it?

Students, usually from State Board have been spoon fed with readymade answers. Also, our examination pattern is conducive to rote learning and memorization and that's where the organic part becomes extremely difficult.

Organic Chemistry is very logical, once you this is displacement reaction, you have to displace an atom; you don't have to memorize it. And if you try to memorize organic reactions, it's not possible. If you learn to write down those reactions and understand the sequence of it, organic chemistry becomes easy.

Any experiment that has gone wrong or students doing mischievous activities in the lab?

Students these days are much better than back

in our day. I remember preparing tea in the lab when I was a student. There have been a couple accidents in the lab though. I suppose students are a little scared of chemistry and concocting chemical mixtures. Even if they tried something we wouldn't know or nothing would really happen as most of the chemicals have been highly diluted for student safety.

We have seen you have an interest in literature and art, how did it blossom and grow?

As a child, I've read a lot of books. We used to hunt for libraries and books, save for them and try to complete it within the time limits. It has declined due to the tight schedules, but surely I want to start reading more. I believe, the content that you read and the knowledge that you gain at a young age always stays with you. The first time that I performed on stage was not because of my willingness, I had to fill in for a friend. Everyone loved it since then I've performed many a time. This developed my confidence in being in front of the public and dealing with them.

What are the career prospects after BSc in chemistry?

With a bachelors in Chemistry generally, students join in as representatives for a pharmaceutical company. But if the students really love the subject, they don't stop after their bachelors. The students study further to complete their MSc's, then PhD and research.

After so many years of teaching, how do you feel at this moment, when you are about to retire?

I was very emotional, as I delivered my last demonstration lecture to my SY students. I am really going to miss my students, so I do plan to keep teaching maybe once a week or as a visiting faculty. I always want to be in touch with my subject. I plan to spread the knowledge of the impact of a flipped classroom in students to help them learn better.

In life never stop learning. With all the online courses there is so much room to expand. If something interests you, learn it. Don't wait for your class or your teacher to provide it.

“KEEP UPDATING YOURSELF”

Krunal Mehta, Sunoyna Roy
(Alumnus 2017)

An Introduction

*I don't know politics but I know the names
Of those in power, and can repeat them like
Days of week, or names of months, beginning with
Nehru.
I am Indian, very brown, born in Malabar,
I speak three languages, write in
Two, dream in one.
Don't write in English, they said, English is
Not your mother-tongue. Why not leave
Me alone, critics, friends, visiting cousins,
Every one of you? Why not let me speak in
Any language I like? The language I speak,
Becomes mine, its distortions, its queernesses
All mine, mine alone.
It is half English, half Indian, funny perhaps, but it is
honest,
It is as human as I am human, don't
You see? It voices my joys, my longings, my
Hopes, and it is useful to me as cawing
Is to crows or roaring to the lions, it
Is human speech, the speech of the mind that is
Here and not there, a mind that sees and hears and
Is aware. Not the deaf, blind speech
Of trees in storm or of monsoon clouds or of rain or
the
Incoherent mutterings of the blazing
Funeral pyre. I was child, and later they
Told me I grew, for I became tall, my limbs
Swelled and one or two places sprouted hair.
When I asked for love, not knowing what else to ask
For, he drew a youth of sixteen into the
Bedroom and closed the door, He did not beat me
But my sad woman-body felt so beaten.*

*The weight of my breasts and womb crushed me.
I shrank Pitifully.
Then ... I wore a shirt and my
Brother's trousers, cut my hair short and ignored
My womanliness. Dress in sarees, be girl
Be wife, they said. Be embroiderer, be cook,
Be a quarreller with servants. Fit in. Oh,
Belong, cried the categorizers. Don't sit
On walls or peep in through our lace-draped
windows.
Be Amy, or be Kamala. Or, better
Still, be Madhavikutty. It is time to
Choose a name, a role. Don't play pretending games.
Don't play at schizophrenia or be a
Nympho. Don't cry embarrassingly loud when
Jilted in love ... I met a man, loved him. Call
Him not by any name, he is every man
Who wants. a woman, just as I am every
Woman who seeks love. In him ... the hungry haste
Of rivers, in me ... the oceans' tireless
Waiting. Who are you, I ask each and everyone,
The answer is, it is I. Anywhere and,
Everywhere, I see the one who calls himself I
In this world, he is tightly packed like the
Sword in its sheath. It is I who drink lonely
Drinks at twelve, midnight, in hotels of strange towns,
It is I who laugh, it is I who make love
And then, feel shame, it is I who lie dying
With a rattle in my throat. I am sinner,
I am saint. I am the beloved and the
Betrayed. I have no joys that are not yours, no
Aches which are not yours. I too call myself I.*

Kamala Das

* * *

‘ अर्थ दत्त ’ §

हे शब्दब्रह्म अशेष। तेचि मूर्ति सुवेष।
जेय वर्णवपु निर्दोष। मिरवत असे।।
स्मृति तेचि अवयव। देखा आंगीक भाव।
तेथ लावण्याची ठेव। अर्थ शोभा।।

अशी ही शब्द व अर्थ सौंदर्याने नटलेली मराठी भाषा.
मराठी भाषेच्या विकासासाठी व संवर्धनासाठी आमचे
महाविद्यालय सदैव तत्पर असते. याच उद्देशाच्या पूर्तीसाठी
मराठी वाङ्मय मंडळ दरवर्षी विविध स्पर्धांचे आयोजन करत
असते त्या स्पर्धा आहेत. हिंदी कवितेचे मराठी भाषांतर,
इंग्रजी कथेचे मराठी भाषांतर, शब्दखेळ, काव्यवाचन स्पर्धा,
वक्तृत्व स्पर्धा, अभिनय स्पर्धा इत्यादी. या सर्व स्पर्धांना
विद्यार्थ्यांकडून चांगला प्रतिसाद मिळाला.

स्पर्धेतील विजेत्यांची नावे खालील प्रमाणे आहेत.

अ) हिंदी कवितेचे मराठी भाषांतर :

प्रथम क्रमांक विभागून : श्रुतिका पाटील, SYJC
आदित्य सागवेकर, FYJC
द्वितीय क्रमांक विभागून : प्राजक्ता कांबळी, FYJC
इशा पिसाळ, FYJC
तृतीय क्रमांक विभागून : पूर्वी पांचाळ, FYJC
कोमल शिंदे, FYJC

आ) इंग्रजी कथेचे मराठी भाषांतर :

प्रथम क्रमांक - वेदिका पाटील, FYJC
द्वितीय क्रमांक - प्रतिक्षा दळवी, FYJC
विभागून - रसिका चव्हाण, SYJC
तृतीय क्रमांक - सौरभ शिंदे, SYJC

ई) शब्दखेळ :

द्वितीय क्रमांक विभागून - विकिता पाटील, SYJC
शुभम येरम, FYJC
तृतीय क्रमांक विभागून : प्रतिक्षा दळवी, FYJC
अक्षय चौधुले, FYJC

इ) काव्यवाचन स्पर्धा :

प्रथम क्रमांक - किरण तुपे, FYJC
द्वितीय क्रमांक विभागून - विकिता पाटील, SYJC
करुणा शिंदे, FYJC
तृतीय क्रमांक विभागून - अक्षय चौधुले, FYJC
लक्ष्मी गुप्ता, SYJC

उ) वक्तृत्व स्पर्धा :

प्रथम क्रमांक - श्रुतिका पाटील, FYJC
द्वितीय क्रमांक - तेजस मांडे, FYJC
तृतीय क्रमांक - श्रावणी सावंत, FYJC

ऊ) अभिनय स्पर्धा :

प्रथम क्रमांक - जय पांचाळ, FYJC
द्वितीय क्रमांक - साहिल गोस्वामी, FYJC
तृतीय क्रमांक - वेदिका जावकर, SYJC

“ ‘ anBmMh

प्रसाद सुभाष कळवणकर
SYBMS

लाभले आम्हास भाग्य
बोलतो मराठी
जाहलो खरेच धन्य
ऐकतो मराठी

महाराष्ट्राची राज्यभाषा समजली जाणारी ही मराठी. या मराठीची किमया न्यारीच आहे. मराठी भाषा ही प्राचीन आहे. तसेच हिचा प्रवास ही खूप रोमांचित करणारा राहिलेला आहे. आपल्यावर आपली आई जसं प्रेम करते तसंच प्रेम आपल्या या मराठी भाषेने केलं आहे. आणि म्हणूनच आपण तिला मातृभाषा म्हणून गौरवितो.

मराठी भाषेला सगळ्यांनी अगदी भरभरून दिलं. संतांनी, साहित्यिकांनी मूळात मराठी भाषा ही खूपच श्रीमंत आहे. मराठी भाषेतील शब्दसंपदा, अलंकार, वृत्त आणि अशा बऱ्याच गोष्टी आहेत आणि म्हणून मराठी भाषा ही खूप श्रीमंत आहे.

आपल्या पूर्वज्यांनी यामध्ये अनेक सुधारणा केल्या, भाषेच शुद्धीकरण केलं. भाषा ही बोलणाऱ्या लोकांच्यावर आधारित असते. महाराष्ट्रातही मराठीचे अनेक प्रकार आहेत. विभागानुसार मराठीची बोलण्याची पद्धत आणि उच्चार बदलत जातात. काही भागात ती प्रेमळ आहे तर काही भागात रागीट.

“भाषा ही संस्कृतीच्या आरश्यासारखी असते”.

भाषेतून संस्कृतीच दर्शन होत असतं. भाषेतूनच संस्कृतीच वर्णन होत असतं. भाषेला त्या मातीचा गंध असतो आणि त्यामुळेच भाषेची नाळ ही ती भाषा बोलणाऱ्या लोकांशी

जोडली गेलेली असते. भाषेतल्या रचना भाषेची श्रीमंती वाढवतात. तसेच भाषेचा विकास हा भाषा बोलणाऱ्या लोकांच्या विकासावर अवलंबून असतो. भाषा ही रोजच्या व्यवहारात असावी, राज्यकारभारात तसेच लष्करात. त्यामुळे ती अधिक वृद्धिंगत होते व तिचा प्रसारही अधिक होतो. या मराठी भाषेसाठी मला म्हणावेसे वाटते -

जन्मता अबोल होतो
भावना ही खुंटल्या।
शब्द संपदेत तुझ्या
जीव माझा गुंतला।।

सध्या आपल्याच लोकांना मराठीची लाज वाटते. आपलेच लोक आपली मातृभाषा सोडून इतर भाषांना प्राधान्य देत आहेत. पण काहीजण या मराठीवर प्रेम करणारे सुद्धा आहेत.

आपल्या पिढीला मराठी भाषेविषयी अधिक गोडी राहिलेली नाही. सामाजिक स्तरावर मराठीचा वापर कमी होत आहे. सध्या इंग्रजीला जास्त महत्त्व देत आहेत. इतर भाषा शिकणं हे चांगलच पण आपल्या भाषेला डावलून टाकणं हे योग्य नाही. हल्ली पालक मुलांनाही इंग्रजी शाळेत टाकतात म्हणे का तर मराठीला स्कोप नाही. खरं तर ही परिस्थिती आपल्यामुळे निर्माण झाली आहे. आपणच आपल्या भाषेकडे दुर्लक्ष केल्यामुळे ही स्थिती निर्माण झाली असावी. प्रत्यक्ष किंवा अप्रत्यक्षपणे आपणच याला जबाबदार आहोत. आपण एकत्र येऊन काम करू शकतो व आपणच मायमराठीला पुन्हा घराघरात नांदवू शकतो.

हिन्दी विभाग

क. जे. सोमैया जुनिअर कॉलेज ऑफ साइन्स अँड कॉमर्स
हिंदी विभाग २०१७-२०१८

हिंदी विभाग कि ओर से प्रथम सत्र मे छात्रो के अंतर्गत प्रवृत्तियोंका विकास हो इस हेतू हर वर्ष कि तरह विभिन्न प्रतियोगिताओं का आयोजन किया जाता है इस वर्ष दिनांक ३१ अगस्त २०१८ को पोस्टर मेकिंग प्रतियोगिता रखी गयी इस प्रतियोगिता कि तहत हमारे भूतपूर्व प्रधानमंत्री श्री अटलबिहारी वाजपेयीजी को एक भावपूर्ण श्रद्धांजली अर्पित कि गयी इस प्रतियोगिताने छात्रो ने अटलबिहारी वाजपेयी जी के भिन्न भिन्न पहलुओंको चित्रो के माध्यम से उनकी छबी को व्यक्त किया जैसे उनके व्यक्तित्व, राजनीतिज्ञ एवं राष्ट्रप्रेम कि भावनाओं को रेखांकित करने का प्रयास छात्रों ने भलीभांति किया इस प्रतियोगिता में पुरस्कृत छात्र दो गुट मे विभाजित किये गये प्रथम, द्वितीय एवं तृतीय।

व्यक्तिगत सहभागी/प्रथम, द्वितीय एवं तृतीय ग्रुप एवं प्रोत्साहन

पोस्टर मेकिंग प्रतियोगितामे पुरस्कृत छात्र

- १) साजिद शेख - ११ इ - प्रथम पुरस्कार
- २) लिशा पुजारी - ११ क - द्वितीय पुरस्कार
- ३) रमिता खडका - ११ आय- तृतीय पुरस्कार
- ४) सुर्वे मुस्कान झुल्फिकार - ११ क - प्रोत्साहन

पोस्टर मेकिंग प्रतियोगिता (ग्रुप)

प्रथम पुरस्कृत ग्रुप

- १) लिशा सोलैया - ११ इ
- २) दीप्ती पांचाळ - ११ इ
- ३) एकता मिश्रा - ११ इ

द्वितीय पुरस्कृत ग्रुप

- १) रिद्धी खत्री - ११ ड
- २) स्नेहा करानी - ११ ड
- ३) रियांशी खोहा - ११ ड

पुरस्कृत ग्रुप

- १) खान सिद्रा - ११ ड
- २) खान इलाफ - ११ ड
- ३) तानिया गुप्ता - ११ ड

द्वितीय सत्र हिंदी विभाग कि ओर से छात्रों के व्यक्तिगत विचार एवं भावों को व्यक्त करने का अवसर दिया जाता है इस अवसर को व्यक्त का करने के लिये निबंध लेखन, स्वरचित कहानी, स्वरचित काव्यलेखन से दिया गया है

अ) निबंधलेखन प्रतियोगिता

- १) अनिरुद्ध यादव - ११ क - प्रथम पुरस्कार
- २) हर्षिता राव - ११ ज - द्वितीय पुरस्कार
- ३) संगीता रामप्रसाद यादव - ११ ज - तृतीय पुरस्कार

ब) स्वरचित कहाणी लेखन

- १) उष्मा केतन शाह - ११ ज - प्रथम पुरस्कार
- २) हर्षिता राव - ११ ज - द्वितीय पुरस्कार
- ३) निकिता शुक्ला - ११ ज - पुरस्कार
- ४) फोरम प्रताप ठक्कर - ११ - प्रोत्साहन

क) स्वरचित काव्य लेखन

- १) सुर्वे मुस्कान झुल्फिकार - ११ - प्रथम
- २) तमन्ना हरीश ठक्कर - ११ - द्वितीय
- ३) मुक्ती परेश मणियार - ११ - तृतीय
- ४) रमिता खडका - ११ - प्रोत्साहन

टूटे फूल की आत्मकथा

अवधेश लालचंद पाल

FYJC

मैं एक गुलाब का फूल हूँ। मेरा जन्म एक माली के बगिचे में हुआ था। माली ने मुझे पाल पोसकर बड़ा किया था। माली ने मेरे जन्म के शुरुवात में ही मुझे अत्याधिक पानी डालता था। मैं धीरे-धीरे बड़ा हो गया। जब मैं एक कली से पूर्णतः फूल में परिवर्तित हो गया, तो माली ने मुझे (गुलाब का फूल) तोड़ लिया। उसने मुझे मेरे परिवार से दूर कर दिया। और उसने मुझे एक टोकरी में रख दिया। मैं अपने परिवार से दूर होकर व्यथित था। मुझे पता नहीं था, कि मैं कहाँ जानेवाला हूँ। जब माली ने टोकरी उठाई, तो मेरे परिवार वाले भी रो पड़े। वह माली मुझे एक दिन तक ऐसे ही एक जगह पर रखा। जब मैं मुरझा जाता, तो वो आकर मुझपर पानी की फूहार मारता। ताकि मैं ताजा रह सकू। उसने मुझे दूसरे मनुष्य के हाथों में बेच दिया वहाँ से मेरी असली जिंदगी की शुरुवात हुई। उस आदमी जिसने मुझे खरीदा था, वह दुकानदार था। मैंने सोचा की मेरी जिंदगी आगे अच्छी चलेगी। परंतु मेरा ऐसा सोचना गलत था। उस दुकानदार ने तो गुलदस्ता बनाकर बेच दिया। मुझे लगा था कि जीवन खुशी से बितेगा। जब मैंने नए-नए फूलों को देखा तो दिल को थोड़ी-सी तसल्ली हुई। परंतु

पता नहीं था कि आगे चलकर जिंदगी और भी व्यथित होनेवाली है। गुलदस्ता बनाते वक्त उस दुकानदार ने मेरे कोमल काया को पीन और सुईयों से भेद दिया और अन्य पुष्पों के साथ गुथ दिया। मेरे साथी भी उतने ही दुःखी थे, जितना मैं था।

जिस व्यक्ति ने गुलदस्ता की खरीदा था उसने तो हमारी कदर ही नहीं की। मेरा तो गुलदस्ते में एक कोने का स्थान प्राप्त हुआ था। अचानक से एक लड़की ने मुझे उस गुलदस्ते में से निकाल दिया। और अपने साथ लेकर गई। बाद में उसने मुझे अपने किताब में रख दिया और मैं पूर्णतः मुरझा गया।

अंत में मुझे मेरे परिवार की अत्याधिक स्मृति सताने लगी। और मेरे जीवन का दुःखद अंत हुआ।

जिस तरह फूल अर्थात मैं अपने परिवार से अलग रहकर नहीं रह सकता वैसे ही कोई भी बच्चा अपने परिवार अर्थात माता-पिता से दूर नहीं हो सकता।

फूल बचाओ फूल बढ़ाओ।

जीवन में आशाएँ

जी चाहता है. तुझे सबसे चुरा लू,
आँख भर जाये. जब तुझे याद करू ।

माँ बन. मुझे तुलारे
सखी टल. संग छेड़े
कभी बाबा की ना कमी हुई मेहसुस,
तेरे पदर ने मुझे रखा इतना मेहफूज।

तेरे हाथो ने बालों को सवरा
तेरे सलाह पे. मेरा दिन गुजरा ।
तेरी ताजगी मुझे हैरत करती
मुझे जीने को दुजा तरीका देती।

इन मंजिलों के उलझनों के कारण
फसा ये बेचारा दिल

अब कैसे दवा. इस दिल कि कर
जब धडकन बन बैठी है तू ।

अब ये दिवारे भी तेरे लिये तरसे
वो तेरी सिलवट भी तुझे पुकारे
आशियाने के वो हिस्से की कसम है तुझे
अब तो आज मिलने मुझसे ।

तू वो सुरज की पहली किरण
मैं आ लिपटू तेरे अंग
अब आशा हैं. तुझसे जल्दी हो मिलन
मैंने छोडा. अब तू करती है मुझे तंग ।

- मनिषा मादर

M.Sc.-Part 2 (Microbiology)

“आज की नारी सब पर भारी”

रंजना महेन्दकृमार यादव

FYJC

आज के युग में सभी नारियाँ पुरुषों से कंधा से कंधा मिलाकर चल रही हैं। सभी स्त्रियाँ सभी प्रकार के कार्य कर रही हैं। वह पुरुषों से भी आगे निकल रही हैं।

हमारी संस्कृति में स्त्रियों का बहुत सम्मान किया जाता है। उन्हें ‘लक्ष्मी का रूप’ कहा जाता है। परंतु प्राचीन काल में स्त्रियों को सभी प्रकार के कार्य करने की अनुमति नहीं दी जाती थी। उन्हें घर की चार दिवारियों में रखा जाता था। उन्हें पुरुषों के सामने अपनी बात भी प्रस्तुत करने की अनुमति होती थी। परंतु कुछ स्त्रियों ने इसका विरोध किया। जिससे आज की स्त्रियाँ बहुत बहादुर हैं। आज हर क्षेत्र में स्त्रियाँ अपना डंका बजा रही हैं। इतना ही नहीं आज की स्त्रियाँ भी चाँद तक भी पहुँच गई हैं। सुनीता विल्यम, सानिया मिर्जा जैसी स्त्रियों ने अपने क्षेत्रों में खूब नाम कमाया है।

आज के आधुनिक युग में शिक्षित लोगों की संख्या बढ़ने पर लोगों में स्त्रियों के प्रति सम्मान बढ़ रहा है। स्त्री शिक्षा के माध्यम से एक जिम्मेदार नागरिक बन रही हैं। सरकार उन्हें हर प्रकार की सुविधा उपलब्ध करा रहे हैं। आज

की स्त्रियाँ अपने परिवार के साथ-साथ काम पर भी जाती हैं। वह दोनों चीजों को अच्छी तरह संभालती हैं। वह एक आदर्श बहु, के पत्नी, माँ के साथ-साथ एक आदर्श नागरिक बन रही हैं।

देश को आगे पहुँचाने में स्त्रियाँ अपना योगदान दे रही हैं। आज की नारियाँ पुलिस तथा सैनिक जैसे महान कार्यों में भी अपना हाथ दे रही हैं। भारत की जनसंख्या में ४०% स्त्रियाँ हैं। यदि यह स्त्रियाँ भी शामिल हों और सफल बनें, तो देश को विकसित होने से कोई नहीं रोक सकता।

स्त्रियों के बिना देश का विकास नहीं हो सकता। स्त्रियों पर होनेवाले अत्याचार, बलात्कार इन सभी का तेजी से विरोध हो रहा है। अब यह इससे कम होना ही चाहिए। इसके लिए हमारी सरकार कई प्रकार के कार्य कर रही है। हम सभी को स्त्रियों का सम्मान करना चाहिए, क्योंकि स्त्रियों के बिना घर भी भूत बंगला लगता है।

मैंने कल खुद को देखा

रात गर्व सी थी उन पलकों की दीवारों में
मैंने कल खुद को देखा वहीं और सितारों में ।

चिंगारी से आग लगी वो राख वहाँ की बेहद है
खून जमे हैं जिसके दिल में हाँ वही तो सरहद है ।
बुझते हुए चिरागों से हमने आग लगाई है
छाती पे पत्थर घीस घीसकर हमने किस्मत पाई है ।
हौसले शेरों से दिखे माँ के उन बंजारों में
मैंने कल खुद को देखा वहीं और सितारों में ।

आवाजों से बात करो ये दिल के आलम गहरे हैं
ये हीरो के अंदाज नहीं ये वीरों वाले चेहरे हैं ।
हिम्मत की कहानी लिखी हुई थी हीरो वाली छाती पे
कितना सम्मान मिला उस दिल को जो रोज रेंगता माटी में ।

फिर हौसले इतने बुलंद कि कल आऊंगा अखबारों में
मैंने कल खुद को देखा वहीं और सितारों में ।

कुर्सी की आजादी लेकर तुमने मजहब सारे बांट दिए हैं
अरे सीमा पर आकर देखो हमने २०-२० को काट दिए हैं।
हमको भी आदेश थमा तो अब घाटी गैर नहीं होगी
जहाँ तिरंगा नहीं दिखेगा उनकी खैर नहीं होगी ।
अब आग दिखाई देते हैं हर लोहे के औजारों में
मैंने कल खुद को देखा वहीं और सितारों में।

कारगिल के खून जमे हैं मेरे सरहद की माटी में
अब तो गोली चल जाने दो पत्थर की चौपाटी मे।
अरे.. गीदड़ की औकात नहीं है शेरों के दरबारों में
मैंने कल खुद को देखा वहीं और सितारों में ।

- Kunal Prajapati

आत्मविश्वास

निकीता आशिष शुक्ला

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एक छोटे से गाँव में एक लड़का रहता था। उसके घर की आर्थिक स्थिति बहुत ही कमजोर थी। क्योंकि जब वह छोटा था। तब ही वह उसके पिता की मृत्यू हो गयी थी। उसकी माँ घर घर जाकर बर्तन माँजकर और सिलाई करके किसी न किसी तरह अपने घर का गुजारा करती थी। वह लड़का अक्सर चुप-चाप ही बैठा रहता था। एक दिन उसके अध्यापक ने उसे एक पत्र देते हुए कहा-तुम उसे अपनी माँ को दे देना। उसने घर आकर वह पत्र अपनी माँ को दे दिया।

उसकी माँ उस पत्र को पढ़कर मन ही मन मुस्कुराने लगी। बेटे ने अपनी माँ से पूछा- 'माँ इस पत्र में क्या लिखा है।' माँ ने मुस्कुराते हुए कहा, 'बेटा इसमें लिखा है की आपका बेटा कक्षा में सबसे होशियार है। इसका दिमाग सभी बच्चों से तेज है। हमारे पास ऐसे अध्यापक नहीं हैं। जो आपके बच्चे को पढ़ा सके। इसलिए आप इसका एडमिशन किसी और स्कूल में करवा दिजिए।

यह सुनकर वह लड़का खुश हो गया। और साथ ही साथ उसका आत्मविश्वास बहुत ही बढ़ गया। वह मन ही मन सोचने लगा की उसके पास कुछ खास है। जिसके कारण वह इतना बुद्धिमान और तीव्र बुद्धिवाला है। अगले ही दिन उसकी

माँ ने उसका एडमिशन दूसरे स्कूल में करवा दिया। उस लड़के ने मन लगाकर पढ़ाई की और एक दिन अपनी मेहनत के दम पर सिविल सर्विसेस का एक्झाम पास कर लिया।

उसकी माँ बुढ़ी हो चुकी थी। एक बीमारीसे ग्रस्त होनेके कारण एक दिन अचानक ही उसकी मृत्यू हो गई। उस लड़के को अपनी माँ से बहुत ही लगाव था। वह बहुत ही रोया। तथी अचानक उसने अपनी माँ की अलमारी खोली और उसके सामानो को देखने लगा। तभी उसकी नजर एक पत्र पर पड़ी। यह वही पत्र था जो उसकी टिचरने उसकी माँ को देने के लिए दिया था। जब उसने उस पत्र को पढ़ा तो उसके होश उड़ गए। उस पत्र में लिखा था की, 'आपको ये बताते हुए हमे बहुत दुख है की आपका बेटा पढ़ाई-लिखाई में बहुत ही कमजोर है। यह खेलकुद में भी इतना अच्छा नहीं है। जिस तरह से इसकी उम्र बढ़ रही है, उस तरहसे इसकी बुद्धि का विकास नहीं हो रहा है। इसलिए हम इसे स्कूल से निकाल रहे है। आप इसका एडमिशन किसी और स्कूल में करवा दिजिए नहीं तो घर रहकर इसे पढ़ाइए। और उसकी आँखे आँसू से भर गई।

स्वप्न की जड़े

ए इंसान जीना सीख ले उस पुराने आम के पेड़ की तरह जो तूफानों में भी खड़ा रहता है और अपना कर्म करता है ! वो कभी नहीं हारता है पर हां वो झुकता जरूर है. क्योंकि वो जनता है अगर में नहीं झुकूँगाँ तो मेरी अकड़ तोड़ देगी मेरे अस्तित्व को..... तो झुकना कहीं कहीं जरूरी होता है तू रुकना ना कभी ! तू हारना ना कभी ! कितने भी तूफान आए तू पीछे मुड़ना ना कभी ! कुछ भी हो जाए उम्मीद तोड़ना ना कभी! जिस दिन तूने उम्मीद तोड़ी तेरी जड़े हिल जाएंगी और तेरा अस्तित्व सदैव के लिए खतम हो जाएगा

इसलिए उस बूढ़े आम के पेड़ के भाँती डटा रह अपना कर्म कर क्या पता तुझे उसका फल मीठा मिले अभी नहीं तो कभी न कभी मिले!! इसलिए डरना नहीं कभी और नाही कभी हार मानना !!!!! अपने आप से लड़. तुनिया से नहीं. अपने आप को चुनौती दे तुनिया को नहीं !!!!! अपनी अंतरात्मा को झिझोड तू उसे जगा और कह इतने में थक गया तू और मैं तेरे भरोसे बैठा था कि अभी लड़ेगी मेरे संग तू !!!!! इसलिए गिर तो उठ और फिर डटा रह आखिरी दम तक...!!!!!!!!!!!!

Shabana Shaikh

दोस्तों का प्रेम

फोरम प्रताप ठक्कर

FYJC

एक गाँव था। उस गाँव का नाम बदलापूर था। उस गाँव में हर जगह हरियाली और शांति थी। वहाँ के लोगों में एकता थी। सब वहाँ मिलजुल के रहते थे। वहाँ दो दोस्त रहते थे। एक का नाम प्रीत और दुसरे का नाम राज। दोनो दिन भर साथ में जाते थे और विद्यालय भी एक साथ जाते थे। दोनो बचपन से एक साथ बड़े हुए हैं।

एक दिन वह दोनों ने घूमने जाने का सोचा। दोनों मन-ही-मन सोच रहे थे के कहाँ जाए? उन्होने ने सोचा इस रविवार को मिलके सोचे कहाँ जाए। फिर दोनों मिले प्रीत बोला यहाँ २ किलोमिटर दूर एक मेला लगा है, वहाँ जाते है और फिर राज बोला नही हम नदी के किनारे जाकर जहाज की सवारी करते है। दोनों फिर तय किया कि अब हम नदी के किनारे जहाज की सवारी के लिए जाते हैं।

अगले रविवार सुबह ७.०० बजे वह जाने के लिए तयार हो गए पहले वह दोनों थोड़ा चलके गए, फिर आगे जाके उन्होंने बस पकड़ली। नदी के किनारे जाने के लिए। फिर वह ९.०० बजे तक वहाँ पहुँच गए। वहाँ से दोनों जहाज की सवारी के लिए तयार हो गए, उन्होंने अपनी खुदकी चलाने की जहाज ली। दोनों अपने मौज-मस्ती में नाव चला रहे थे। फिर वह थोड़ी देर नदी के बीच आके आराम किया नाव में। वहाँ वो दोनों बैठके नास्ता कर रहे थे। फिर वह थोड़ी देर गप्पे लगाने लगे।

कुछ देर बाद वहाँ का मौसम बदलने लगा, उनको डर लगने लगा क्योंकि वह नदीके बीच में थे। फिर उन्होनें सोचा अब चलना चाहिए। दोनों नाव चलाने लगे, परंतु मौसम बहुत बिगडता जा रहा था। बिजली गरज रही थी। उनकी नाव भी हिल रही थी। पूरा पानी ऊपर-ऊपर आ रहा था। दोनों डर के मारे हालत खराब हो गई थी।

वह अभी दूर थे किनारे से। उन्हें अभी बहुत सफर तय करना था। पर मौसम इतना बदल गया कि, बारिश आने लगी और नाव डुबने लगी। नाव की लकड़ी एक तरफ से पानी में बह गई ओर एक अब बची थी, उनके सहारे के लिए।

राज और प्रीत दोनों डर के मारे कहने लगे हमें कोई बचाओं-बचाओं परंतु वहाँ कोई न था। वहाँ की हालत ऐसी थी की दोनों में किसी एक को पाणी में कुदना होगा, कोई एक ही की जान बच सकती हैं। राज कह रहा था की तू रुक मैं जाता और दुसरी तरफ से प्रीत कह रहाथा तू रुक मैं जाता। यह दोनों बहस कर रहे थे। इतने में राज ने प्रीत को अपनी कसम देके रुकवा लिया और राज अपनी दोस्ती के लिए अपनी जान की कुरबानी देदी। प्रीत सही सलामत घर पहुँच गया और उसे बहुत रोना आ रहा था कि, मुझे बचाने के लिए राजने अपनी जान दे दी।

इस दुनिया में दोस्ती हैं, तो सब हैं।

क्रोध जहर समान है,
पीये पीया न जाय।
जहर तो मीरा पीये,
हमसे पीया न जाय॥

Meaning - controlling anger is tough like drinking poison, we cant control anger easily.
Great compassionate and peacefull are the sants like mira bai who even drank poison.
We shall be inspired by them and have peacefull and forgiving nature.

Harsh Visharia

महँगाई

सना वजीर शेख

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आज के दौर में महँगाई उच्च स्थान पर है। जिसे देखो वो महँगाई के पिछे दौड़ा जा रहा है। महँगाई की वजह से हर एक चीज़ (वस्तु) को खरीदना बहुत ही सोच-प्रचार करने का मामला हो गया।

आज महँगाई के इस दौर में गरीब मनुष्य को पुरा पेठ भर भोजन प्राप्त नहीं होता। गरीब मनुष्य अपनी पसंद की वस्तु पहनने का हक खो चुका है। वह बहुत बेरोजगारी करते है। उनकी दिन भर की कमाई से अपने घर वालों का पेट भरते है उनकी जरूरतो को पूरा करते है।

पहले के दौर में हम को महँगाई के बारे में मालूम ही नहीं था। हम अपना काम करते और घर वाले भी खुशी से रहते। आज हम अगर एक कपड़ा खरीदते है तो हमें ४००/५०० रुपए देने पडते है। हर एक चीज के पीछे जी.एस.टी. लागु हो गया है। तैल, पेट्रोल, डीजल सभी बहुत महँगे हो गये है। हमारी सरकार ने ओर ही बड़ा काम कर दिया जिस की वजह से गरीब मनुष्य तो अपने सुखी जीवन में ओर भाग दौड़ करनी पड़ती हैं।

अमीर तो हर चीज को खरीद सकते है। महँगाई की वजह से गरीब ओर गरीब और अमीर और अमीर हो गया है। महँगाई एक रोग बन गया है। हर चीज के लिए पैसे लगते है। अगर हम बाज़ार में जाते है तो सब्जी तरकारी का नाम सुन कर ही वापस घर चले आते है। सब ने सब्जी तरकारीयों के नाम ऊँचे आसमान पर पहुँचा दिया है। जिसे नीचे लाना बहुत कठीन है। जिन लोगे के पास रुपया पैसा है वह लोग सब्जी ओर पहले के लिए हर वस्तु को खरीद सकते है। जिन लोगे के पास नहीं वह अपना मन मार कर भुके बैठे रहते है। और महँगाई के कारण बहुत लोगों ने आत्महत्या कर दी है। खास कर किसानों ने।

हमें सरकार से अपील करनी चाहिए के वह इस महँगाई के दौर में कुछ बदलाओं करे। महँगाई कम कर ओर लोगों के लिए सुखी जीवन (संसार) का आरंभ करे। सरकार ने हमें इतना हक दिया है के हम किसी को भी हर तरह से अपना हक सरकार से माँगे। महँगाई के इस सरकार से माँगे। महँगाई के इस दौर में हर कोई खुश नहीं है। महँगाई इस तकलीफ से अभी लोगों को छुटकारा मिले। उफ ! यह महँगाई।

मैं जीना चाहती हूँ।

खुद को आधा समझती हूँ, पुरा होना चाहती हूँ।
घुट-घुट के मरती हूँ, पर मैं जीना चाहती हूँ।

कुछ सपने अधुरे रह गए है आँखो में,
उन्हें पुरा करना चाहती हूँ, मैं जीना चाहती हूँ।

शारी बुनिया जलाती है, मुझे, प्यार भरे जोड़े देख ढलना
चाहती हूँ।

मन की उमंग लिए उड़ना चाहती हूँ,
पर फिर भी सँवरना चाहती हूँ, मैं जीना चाहती हूँ।

किसी के बाँहों का हार बनना चाहती हूँ,
किसी के मन की मुराद SSS मनीषा हूँ... तो लोगों के
मन की इच्छा बनना चाहती हूँ।
मैं जीना चाहती हूँ।

रातों का ख्वाब, दिन की नींद,
उनके दिल की आखिरी उम्मीद बनना चाहती हूँ।
फिर से जीना चाहती हूँ
खुद को आधा समझती हूँ, पुरा होना चाहती हूँ।
मैं जीना चाहती हूँ।

इस बार जीने का अलग होगा अंदाज,
सांस बनूँगी उस धड़कन की।
जिसके रुह में हो, मेरा हर एहसास,
लम्हा बनूँगी उस वक्त का, जहाँ हो मेरी ही आवाज।।
क्योंकि ... मैं पुरा होना चाहती हूँ, मैं जीना चाहती हूँ SSS

मनीषा तिवारी
PCM

अकेलापन

निधि गोरखनाथ यादव

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नीलम एक प्यारी सी छोटी सी छह वर्ष की लड़की थी। वह अमीर नहीं थी। उसके पिता शहर में काम करते थे। उसे उसकी मम्मी ने उसके नाना-नानी के घर छोड़ दिया था। वह वहाँ खुश तो थी मगर मम्मी और पापा के बिना कोई कैसे रह सकता है। उसकी बड़ी बहन दादा-दादी के पास रहती थी। छोटे-भाई-बहन माँ और पिता जी के साथ शहर में रहने लगे।

समय बीतता गया। उसके घर में नाना-नानी और सिर्फ मामा रहते थे। मामा सबसे अलग रहती थी। उसके घर में कोई उसकी उम्र का बच्चा नहीं था जिसके साथ वह खेल सके। हालांकि उसके अगल-बगल में उसकी उम्र के तीन बच्चे थे। नीलू, मोनू और बीनू ये लोग नीलम के साथ खेलते थे।

जब नीलम ६ वर्ष की थी तो इधर-उधर खेलती तो कोई कुछ नहीं बोलता था। जब वह सात-आठ वर्ष की हुई तो जब खेलने जाती तो उसे नाना बुला लिया करते थे। ये काम कर वा काम कर हालांकि वह काम कठिन नहीं था। वह करती भी थी। दिवाली, होली जैसे त्योहारों पर वह घर की सफाई करती थी। दुःख यह था कि वह विद्यालय से आकर नाश्ता कर के जैसे ही खेलने जाती उसे डाँट खानी पडती थी। बाकी बच्चे बगीचे में खेलते और नीलम उन्हें देख कर दुःखी होती उसके बाद वह घर काम में भी नानी का हाथ बटाती क्योंकि उसकी नानी चल नहीं सकती थी और मामा का दिमाग थोड़ा कम था। पागल नहीं थे पर जल्दी कोई काम समझ नहीं पाते थे।

जब रात होती तो नीलम को माँ की बहुत याद आती वह उनकी तस्वीर लेकर रोती थी और सो जाती। वह तस्वीर बहुत पुरानी थी जब उसकी माँ तीन साल की थी। जब उसे

ज्यादा याद आती तो वह नीलू के घर जाकर अपने माँ की नई तस्वीर देखकर खुश हो जाती।

एक बार वह बहुत बीमार थी उसे बुखार एक हफ्ते से था और मम्मी से बात नहीं हो पा रही थी। उसके घर पर मोबाईल नहीं था वह मोनू के घर पर मोबाईल नहीं था वह मानू के घर जाती उन्हें कहती की पापा को फोन लगा दे। पर फोन नहीं लगता था क्योंकि उसके पापा का फोन खो गया था। दो हफ्ते के बाद वह जब ठीक हो गई उसकी मम्मी का फोन आया वह पहले तो उनसे बात नहीं कर रही थी मगर कोई बेटी अपनी माँ से कितनी देर नाराज रह सकती थी। उसने मम्मी से बात की।

समय बीतता गया जब वह पाँचवी कक्षा में थी तब उसके मम्मी का देहांत हो गया और उसकी मम्मी आई और उसे अपने साथ शहर ले गई। वह दुःखी थी अपने नानी और मामा के लिए क्योंकि जब वह बड़ी हो गई तब उसे उनसे दूर जाना पड़ा।

वह शहर में आ तो गई पर अभी-भी उसे अच्छा नहीं लग रहा था। पहले तो वह माँ और पिता के लिए रोती और अब वह नानी और मामा के लिए रोती और उन्हें याद करती थी। क्योंकि उसने जितनी डाँट खाई है उसे ज्यादा प्यार भी तो पाया था।

आज वह दसवीं कक्षा में भी प्रथम आ गई। पर अब भी वह उदास रहती है अपने आप को अकेला महसूस करती है। जब वह नानीसे बात करती तो खुश हो जाती और उसका पूरा दिन खुशहाल हो जाता था मगर फिर वह उदास हो जाती।



शिक्षा से बढ़कर कोई धन नहीं

उष्मा केतन शाह

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एक थे राजा । उन्हे पशु-पक्षियों से बहुत प्यार था । वे पशु-पक्षियों से मिलने के लिए वन में जाते थे । हमेशा की तरह एक दिन राजा पशु-पक्षियों को देखने के लिए वन में गए। अचानक आसमान में बादल छा गए और तेज-तेज बारिश होने लगी । बारिश होने के कारण उन्हें ठीक से कुछ दिखाई नहीं दे रहा था । राजा रास्ता भटक गए । रास्ता ढूंढते-ढूंढते किसी तरह राजा जंगल के किनारे पहुँच ही गए । भूख-प्यास और थकान से बैचन राजा एक बड़े से पेड़ के नीचे बैठ गया। तभी राजा को उधर से आते हुए तीन बालक दिखाई दिए।

राजा ने उन्हें प्यार से अपने पास बुलाया । तीनों बच्चे हसते - खेलते राजा के पास आ गए । तबराजा बोले-मुझे भोजन और पानी मिल सकता है । क्या मुझे भोजन और पानी मिल सकता है । बालक बोले, पास मे ही हमारा घर है । हम अभी ही जाकर भोजन और पानी ले आते है । आप यही इंतजार कीजिए । तीनों दौडकर राजा के लिए भोजन और पानी ले आण । राजा उन बालको के व्यवहार से बहुत प्रसन्न हुए । राजा ने उन बालको से कहा की उन्हें इनाम के रूप में जो कुछ भी चाहिए राजा उन्हें देने को तैयार है ।

थोड़ी देर सोचने के बाद एक बालक बोला, महाराज क्या आप मुझे एक बड़ा सा बंगला और गाड़ी दे सकते हैं । महाराज बोले हां-हां क्या नहीं । दूसरा बालक भी उछलते हुए बोला, मैं बहुत गरीब हूँ । मुझे धन चाहिए जिससे मैं अच्छा-अच्छा खा मस्ती कर सकू । राजा मुस्कुराकर बोले मैं तुम्हें बहुत सारा धन दूंगा । तीसरा बालक अब भी चुपचाप खड़ा था। राजा ने उसे पूछा बेटा तुम्हें कुछ नहीं मांगना ? तब वह बालक क्या आप मेरा सपना पूरा कर सकते है ? राजा बोले कहो बेटा तुम्हारा क्या सपना है ? यही ना की तुम्हारे

पास भी धन और दौलत हो । तभी तीसरा बालक बोला नहीं लिखकर विद्वान बनू । क्या आप मेरे लिए कुछ कर सकते है ?

तीसरे बालक की बात सुन राजा बहुत खुश हो गए । राजा उस बच्चे की पढ़ने-लिखने की जिम्मेदारी उठा ली । वह बालक दिन-रात लगन से पढ़ता और हमेशा कक्षा में पहला स्थान प्राप्त करता । समय बीतता गया और देखते ही देखते वह पढ़ - लिखकर विद्वान बन गया ।

राजा ने उसे राज्य का मंत्री बना दिया । बुद्धीमान होने के कारण सभी उसका आदर सन्मान करते । उधर जिस बालक ने राजा से बंगला और गाड़ी मांगी थी बाढ़ आने के कारण उसका सब कुछ नष्ट हो गया । वहीं दुसरा बालक पैसे होने के कारण आलसी बन गया था और कुछ काम नहीं करता । आखिर धन कब तक रहता एक न एक दिन समाप्त तो होना ही था । वे दोनो अपने मंत्री दोस्त के पास गए । उन्होंने कहा की उनके पास जो कुछ भी सब नष्ट हो गया है। तब उनके मंत्री दोस्ते ने उन्हें कहा किसी के कारण धन-दौलत हमेशा नहीं रहता । धन तो आता जाता रहता है । कुछ रहती है तो वह है शिक्षा । धन से नहीं बल्की शिक्षा से धनवान बनते है। दोनों बालको को अपनी गलती का पछतावा हुआ और तभी से दोनो ने प्रण ले लिया की वे मेहनत और लगन से पढ़ाई करेंगे और जीवन को सुखी बनाएंगे।

सीख : जीवन का असली धन शिक्षा है । कभी भी धन के पीछे नहीं भागना चाहिए अगर शिक्षा और मेहनत करेंगे तो धन स्वयं हमारे पास आएगा ।



‘उसकी माँ ने दिया सबक’

हर्षिता राव

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काफी समय पहले की बात है, कि एक लड़का अपनी बूढ़ी माँ को वृद्धा आश्रम में छोड़ आता है। एक दिन गर्मी का समय था उसकी माँ को बहुत ही गर्मी लग सी थी उनका खराब हो गया था। वृद्धा ने अपने लड़के को फोन किया और कहा मुझे तुमसे कुछ जरूरी काम है तुम यहा पर आओ। लेकिन उस लड़के ने कहाँ कि माँ मेरे पास समय नहीं है मैं नहीं आ पाऊंगा फिर भी मैं शाम को समय निकालकर आने की कोशिश करूंगा।

शाम को वह लड़का वृद्धा आश्रम में अपनी माँ के पास पहुँचा और कहता है कि माँ जल्दी बोलिए आपको मुझसे क्या काम हैं मेरे पास समय नहीं है तभी माँ कहती है कि किसी मैकेनिक को बुलावाकर इस खराब पंखे को सही करवा दो जब उस लड़के ने अपनी बूढ़ी माँ की ये बात सुनी तो वह

गुस्सा हो गए कहने लगा कि इतने से काम के लिए मुझे बुलाया है यह बात तुम मुझसे फोन पर भी तो कह सकती थी। तभी माँ कहने लगी की बेटा मैं ये पंखा मेरे लिए नहीं बल्कि तुम्हारे लिए सही करवा रही हूँ। दरअसल जब तेरे बच्चे बड़े होंगे बूढ़े हो जाएँगे तो वह भी वृद्धा आश्रम में तुझे यहा पर छोड़ कर चले जाएँगे और ये पंखा तुझे हवा देने के लिए काम आएगा इसलिए मुझे पंखा सही करवाना है। ऐसा सुनकर लड़के की आँखों में आँसू आ गए वो पूरी बात समझ चुका था।

सीख : माँ - बाप सबसे बड़ा धन है। हम सभी को अपने माँ-बाप का सम्मान देना चाहिए, उनकी इज्जत करना चाहिए उनकी हर तरह से बुढ़ापे में मदद करनी चाहिए।

शब्दों की पुकार

सुकून मिलता है शब्दों को
कागज़ में उतर के।
चीख भी लेता हूँ और
आवाज़ भी नहीं निकलती।
मन हलका हो जाता है
शब्दों को जैसे ताकत मिल गई हो
अरमान भी बह जाते हैं
और खुशी सी बनी रहती है
किसीको कुछ समझना नहीं पड़ता
लवज़ों में इतना जोर है कि कुछ कहना ही नहीं पड़ता
ज़िंदगी के पलों को वापस नहीं जिया जा सकता
पर कागज़ पे पन्नो को पलट के वो लमहों को पीया जा सकता है
तुम भी कोशिश करके देख लो
शायद मुद्दातन के बाद तुम्हारे शब्दों को भी अंजाम मिल जाए।

मीत ठक्कर
TYBMS

समय

समय बड़ा मूल्यवान,
कोई न बेच सके,
कोई न खरीद सके,
समय बड़ा मूल्यवान।
चलो समय के साथ,
न ये रुके किसी के लिए,
सबको चलाए अपने साथ,
जो न चल सके वो मरण पाए अपनेआप,
चलो समय के साथ, चलो समय के साथ।
समय बचालो,
समय जो बीत जाए,
वह वापस न आए,
चलो समय के साथ,
समय बड़ा मूल्यवान।

जागृत गाला
TYBMS

नन्ही परी

माँ तेरी एक नन्ही सी परी हूँ मैं
तेरे होठों से निकली एक शायरी हूँ मैं
मत रहने दे मुझे कागज के पन्नों में
सब के दिलों को छूने आसमाँ से उँतरी हूँ मैं।
बाबा की तो हूँ मैं मलीका
ताज पहन के लाखों दिलों की रानी बनूँगी
तुम हवाओं के साथ बहते तो चलो
मैं तो पानीओं सी बहती कहानी बनूँगी।

इस नन्ही सी परी की है यह पूकार
माँ अपने प्रेम की बरसात तो करी
एक दिन बनूँगी मैं नाज तुम्हारा
बस मुझसे एक हलकी सी शुरुवात तो करो।

जमाने ने ठूकराया है मुझे
बस तुम्हारा साथ चाहिये
माँ तेरे प्यार की भूखी हूँ मैं
बस सर पे तेरा हात चाहिए

हवाओं की लहरों से तेज लौडूँगी
पानी की लहरों से टकराऊँगी
एक बार तो जिवगी दे मुझे माँ
दुनिया की इस भीड़ से आगे निकल जाऊँगी।

सबसे हसीन तोहफा हूँ मैं ऊस खुदा का
तु ठूकराएगी तो श्याम की तरह ढल जाऊँगी
तु मुस्कुराएगी तो फुल की तरह खिल जाऊँगी
जब जब ढुँडेगी तू खुद को, मैं तेरा आचना बन जाऊँगी
तू अपनाएगी तो सुरुज की तरह निखर जाऊँगी।

स्वाती भदरें
SYJC

जीने दो बेटी को अब ये ही है हमारी आस।।

पूजे कई देवता मैंने तब तुमको था पाया।
क्यों कहते हो बेटी को धन है पराया।
यह तो है माँ की ममता की छाया।
जो नारी के मन आत्मा व शरीर में है समाया।।

मैं पूछती हूँ उन हत्यारों से।
क्यों तुम्हारे मन में जहर है समाया।
बेटी तो है माँ की परछाई।
क्यों अब तक ये दुनिया समझ न पाई।।

क्यों नहीं सुनाई देती तुम्हें उस अजन्मी बेटी की आवाज।
जो कराह रही तुम्हारे ही अंदर बार-बार।
आने दो उसको भी जग में लेने दो उसे साँस।
मत छीनो उसके जीने का अधिकार अब ये ही है हमारी आस।।

पिता की बनेगी राजकुमारी।
माँ की बनेगी सखी।
नहीं खिलायगी वो तुम्हें रोटी सूखी।
चाहे सो जाए वह भूखी।
आने दो उसकी जीवन में लेने दो उसे साँस।
मत छीनो उसके जीने का अधिकार अब ये ही है हमारी आस।।

तमन्ना हरिश ठक्कर
FYJC



मेरे माता-पिता

जन्म देकर एक नई दुनिया दिखाई,
प्यार भरके जीवन में हरियाली लाई।
हजारों साल जीए मेरे माता-पिता,
जिन्होंने मेरे जीवन के अँधेरे में दीप जलाकर रोशनी लाई।

उंगली पकड़कर जिनकी मैं अपने पैरों पर खड़ी हुई,
वही है मेरे माता-पिता जिनकी ममता की छाँव में मैं बड़ी हुई।
पढ़ा-लिखाकर जिन्होंने दिया जीवन में एक महत्वपूर्ण योगदान,
वही तो है जो बिना कहे करदे आपके सारे काम।

हर रिश्ते में मिलावट देखी, कच्चे रंगों की सजावट देखी,
लेकिन सालों-साल में कभी पिता के चेहरे पर न कभी
शकावट देखी,
और न कभी माँ की ममता में मिलावट देखी।
इस तरह जीवन में खुशियों की होली देखी।

अपनी नींद उड़ाकर मुझे अपने दिखाए,
वही है मेरे माता-पिता जिन्होंने जीवन से दुख हटाकर
उसमें खुशी पल लाए।
अपनी इच्छाओं का त्याग कर दिया,
और मेरी सारी मांगों को स्वीकार कर लिया।

ना कोई आप जैसा था, न कोई आप जैसा है,
मेरे जीवन में चाहे राजकुमार आ जाए पर पिता जैसा राजा
कही न होगा न कही है।
वही है पिता जिसने गलतियों को माफ किया है,
जिसने स्वयं भूखा रहकर हमारे पेट को भरा है।

माँ भी वो रानी है, जिसकी एक अनोखी कहानी है,
दिल की बातें जान लेती है वही, ममता का सागर भी है वही।
मेरी यही प्रार्थना है मेरे रब से,
के हर जन्म में मेरे माता-पिता का साया रहे मेरे सर पे।

मुस्कान सुर्वे
FYJC

माता-पिता का प्रेम

दर्द सहकर जन्म दिया वह माँ
बाँहों में भरकर प्यार किया वह पिता
मन की बात जान ले वह माँ
सपनों को पूरा करे वह पिता

चोट लगने पर आँख भर आई वह माँ
चोट लगने पर जिसे नींद न आए वह पिता
अनुतीर्ण होने पर सहलाये वह माँ
अनुतीर्ण होने पर साहस बधाये वह पिता

डोली उठने पर रोये वह माँ
डोली उठने पर दर्द दिखा न पाये वह पिता
सागर जैसा विशाल हृदय जिसका वह माँ
सागर जैसा गहरा प्यार हृदय में वह पिता

कभी चोट ना देना उन्हें
मिलेगा सफलता हर राह पे तुम्हें
भगवान का रूप माँ-बाप
जिंदगी का दूखरा नाम माँ-बाप

निधि गोरखनाथ यादव
FYJC

भ्रष्टाचार

एक-दो, एक-दो,
भ्रष्टाचार को फेक दो।

जब से आया ये दुनिया में भ्रष्टाचार,
तब से लोग कर रहे हैं खूब दूराचार।
इसकी छाया बन रही है सर्वव्यापी,
पर परमात्मा के प्रति यह है पापी।
है नेता भ्रष्टाचारी, तो है दुनिया दूराचारी,
है भगवान! पकड़ो बैया और पार करो नैया।
लोगो! भ्रष्टाचार को मारो ऐसे गोले,
ताकि हर बच्चा सिर्फ यही बोले,
कि...
एक-दो, एक-दो,
भ्रष्टाचार को फेक दो।

मुक्ति परेश मनियार
FYJC

नया साल

नया साल, नया दिन, नया सवेरा,
पर जिंदगी वही पुरानी
नये साल में सबकुछ होगा
कुछ अच्छा, कुछ बुरा
कुछ मनचाहा, कुछ अनचाहा
सब चाहते हैं की नये साल के साथ
नया सवेरा, नये विचार मन में आए
पर याद रखना और समझ लेना,
साल नया है, तुम नहीं
दिन नया है, किस्मत नहीं
महिना नया है, वक्त नहीं

बारीश

हर बारीश क्यों एक जैसी नहीं होती
हर बूँद क्यों बुलंद जैसी नहीं होती
काश आज हुई बारीश याद रह जाए
काश आज गिरी बूँद न बिखर जाए
तारों के करीब, इंसानों के नजदीक
मद्धम में स्थित जो बादल न जाने
क्यों मिले थे?
शायद बिछड़ने के लिए
वैसे ये बादल जो बिछड़कर वापस बन जाते हैं
वैसे तो हम दोस्ती में रोज दूर जाकर वापस मिलते हैं
समंदर सूखे तो वापस मिलते हैं हम
अंदर से टूटे तो वापस गिरते हैं हम

वजह, बेवजह,
वक्त, बेवक्त,
गुस्से से या खुशीसे,
मंजुरी से या नामंजुरीसे,
अपनों के साथ या अपनों के बिना,
किस्मत को मानकर या तुकड़ाकर, कुछ कर दिखकर या कुछ
ना करकर,

किस्मत और वक्त

किस्मत से नहीं, ना ही वक्त से
शिकायत तो है मुझे अपने-आप से
किस्मत ने सब दिया, वक्त ने कभी नाराज न किया
पर शायद मुझमें ही कमी थी,
कि मैं न तो किस्मत के मिजाज को समझ सकी,
ना ही वक्त की चाल को,
किस्मत कभी भी बदल सकती, इससे ना दोस्ती भली, ना
दुश्मनी
पर सुन लो, समझ लो के वक्त भी कम नहीं
आज किसका है, कल किसका था और आनेवाले कल में
किसका होगा पता नहीं,
अगर तुम सोचते हो कि तुम इन दोनों को मुट्ठी में कर
सकते हो
तो ये तुम्हारी भूल है,
अगर तुमने ये भूल कर ली तो,
या तो खुद को भूल जाओ,
या जिंदगी को।

कहा जाता है, तिल-गुड घ्या,
आणि गोड-गोड बोला,
पर सोचकर देखिए,
तिल-गुळ केवल मुँह का स्वाद बदल सकता है,
विचारों का नहीं,
पतंग कितनी भी ऊँची उड़ा लो
पर याद रखना,
आसमान को नहीं सू सकेगी।

जिंदगी

जिंदगी तो जिनी है, जिकर या जिकर भी मरकर,
जिंदगी कोई ऐसी-वैसी चीज़ नहीं,
जिसे तुम चाहो तो मिलेगी, ना चाहो तो ना मिलेगी,
याद रखना जिंदगी के भी अपने उसूल हैं,
जिसमें कोई खुशी से जिता है और कोई जीकर भी मरता है।

स्मीता दिपक खड़का

FYJC

ગુજરાતી વિભાગ

ગુજરાતી વિભાગ તરફથી વિદ્યાર્થીઓનો સર્વાંગી વિકાસ થાય તે હેતુથી વર્ષ દરમ્યાન વિવિધ પ્રવૃત્તિઓને, સ્પર્ધાઓનું આયોજન કરવામાં આવ્યું હતું. આ વર્ષ તારીખ ૨૧.૦૮.૨૦૧૮ ગુજરાતી દિવસનું આયોજન કરવામાં આવ્યું હતું. તેમાં વિદ્યાર્થીઓએ ગીતો, ગઝલો, પ્રાર્થના, શાયરી, દ. દ. ર., પ્રેરક પ્રસંગ, ચારણ કબ્યાની વાર્તા, ગરબા, વગેરે કૃતિઓ ભજવી. ત્યારબાદ પણ અલગ-અલગ સ્પર્ધાઓનું આયોજન કરવામાં આવ્યું. જેવી કે નિબંધ લેખન, પોસ્ટર મેકીંગ કોમ્પી., કાવ્ય લેખન, વાર્તા લેખન, વગેરે અને વિદ્યાર્થીઓને આના માટે પુરસ્કૃત પણ કરવામાં આવ્યા.

૧) પોસ્ટર મેકીંગ કોમ્પી. :

- પ્રથમ - હર્ષદા એસ. જેઠવા (S.Y.J.C.)
- દ્વિતીય - દષ્ટ્રી, નેત્રા, રીઝ્કી (F.Y.J.C.)
- તૃતીય - રાવરીયા કિષ્ના (F.Y.J.C.)

૨) નિબંધ લેખન સ્પર્ધા :

- પ્રથમ - હર્ષદા એસ. જેઠવા (S.Y.J.C.)
- દ્વિતીય - રાજગોર અંકીતા ડી. (F.Y.J.C.)

૩) કાવ્ય લેખન સ્પર્ધા :

- પ્રથમ - પ્રીયંકા ઝીઝુવાડીયા (F.Y.J.C.)
- દ્વિતીય - ચંદ્રેશ એ. સાંસલે (F.Y.J.C.)
- તૃતીય - કીપા શાહ (F.Y.J.C.)

૪) વાર્તા લેખન સ્પર્ધા :

- પ્રથમ - શીતલ
- દ્વિતીય - દેવાંશી
- તૃતીય - અનિતા શીંગ

મારો સુપર હીરો

Sheetal
F.Y.J.C. Commerce

દરેક માણસને જીવનમાં એક એવા વ્યક્તિનો સાથ મળે છે. જે એને જીવન જીવવાનો સારો અર્થ શીખવે છે. મારી હર ભૂલ પર એ મને રોકે છે. મારા હર ગલત કદમ પર એ મને રોકે છે. તો મારા જીવનના અંધારામાં એ મારી પ્રકાશની કિરણ છે. વાસમાં એ મારો સુવાસ છે. મારા શ્વાસમાં એનો વાસ છે. તડકામાં એ મારી છાયા છે. તો મારા જીવનનો એ પડછાયો છે. મારા લેખમાં એનો જ ઉલ્લેખ હું એનો અંશ છું ને એ મારો દેવ છે.

હા, આ એક જ પુરૂષ છે મારા જીવનમાં જેને હું આટલો પ્રેમ કરું છું, એના પાસે કોઈ અનોખી તાકતો નથી. પણ હા, આ જ મારો સુપરહીરો છે અને એ છે મારા પપ્પા....

લાખ ઝઘડા કરી લઉં એમની સાથે પણ જીવ મારો જ જલે છે. બાળપણમાં મા એ આંગળી પકડાવીને ચાલતા શીખવાડ્યું. આજે પપ્પા પડતાની સાથે બચાવી લે છે.

મુશ્કેલીમાં સાથ આપે એ માં, પણ મુશ્કેલમાં એકલા લડતા શીખવે એ છે પપ્પા.

મા એ લોકો સાથે, લોકોમાં રહેતા શીખવ્યું, આજે પપ્પા લોકો વિના રહેતા શીખવાડે છે.

મા નો પ્રેમ તો એની આંખોમાંથી જ છલકાવી આવે છે પણ મારા પપ્પાની ગુસ્સાવાળી આંખોમાંથી પણ ક્યાંક પ્રેમ દેખાવી આવે છે.

એક મા પોતાના બાળકને આંખ અંધ થાય ત્યાં સુધી પ્રેમ કરે છે. અને જે આંખો બતાવીને પણ પ્રેમ કરે એ છે પિતા.

લાખો પુરૂષ જોયા,
પણ પપ્પા તુ જ સમ કોઈ નહી
તારી આંખોમાં જે પ્રેમ જોયો,
એ આખી દુનિયામાં નહી.

મતલબી જણાયા લોકો મને બધા,
તારા સિવાય ટકી રહ્યા ન કોઈ
સાથે રહેજે તું જીવનભર
તારા વિના હું નથી કોઈ

બાળકની હર સફળતાનો શ્રેય એની માતાને મળે છે પણ શ્રેય લીધા વગર જે બાળકની સફળતા માટે રાત દિવસ મહેનત કરે છે પપ્પા હોય છે. જે પોતાના શૌખ છોડીને, ને એ બે રૂપિયા જોડીને તમારા સપનાઓને પંખ લગાડે છે. હર સુખ સુવિધા આપીને તમને આરામ અપાવે છે એ છે પપ્પા.

વિંદગી જીવી જાણો

લાંબી આ સફરમાં વિંદગીના ઘણાં રૂપ જોયા છે,
તમે એકલા શાને રડો છો ? સાથી તો અમેય જોયા છે,
આપ કહો છો અમને શું દુઃખ છે ? આ તો સદા હસે છે,
અરે આપ શું જાણો આ સ્મિતમાં કેટલા દુઃખ વસે છે ?
મંજુલ સુધી ના પહોચ્યા તમે એ વાતથી દુઃખી છો,
અરે ચાલવા મળ્યું, તમે એટલા સુખી છો,
આપને છે ફરિયાદ કે કોઈને તમારા વિશે સુખ્યું નથી,
અરે અમને તો કેમ છો ? એટલું જ કોઈ એ પુછ્યું નથી,

જે થયું નથી એનો અફસોસ શાને કરો છો ?
આ વિંદગી જીવવા માટે છે આમ રોજ રોજ મરો છો ?
આ દુનિયામાં સંપૂર્ણ સુખી તો કોઈ નથી,
એક આંખ તો બતાવો મને, જે ક્યારેય રોઈ નથી,
બસ એટલું જ કહેવું છે વિંદગીની દરેક ધારા દિલથી
માણો
નસીબથી મળી છે વિંદગી તો એવી જીવી જાણો.

સફળતાની વાર્તા

Anita Singh

FYJC - XI - B

સોમિલ એક બહુરાષ્ટ્રીય કંપનીમાં સીનીયર મેનેજર હતો. તેનો રેકોર્ડ હતો કે તેની ટીમ હંમેશા કંપનીની સૌથી સરસ ટીમમાંથી એક હતી. માત્ર કામમાં જ નહીં પણ આપસી મેળ અને વ્યક્તિગત પ્રમોશનમાં પણ સોમિલની સૌથી સરસ ગણાતી હતી. સોમિલની ટીમના જેટલા પણ સભ્ય હતા તે બધા સોમિલને તેમના પરિવારના સભ્ય જેવો માનતા હતા. કંપનીએ નક્કી કર્યું કે સોમિલને ખાસ રીતે સન્માનિત કરાય. તેના માટે એક મોટું કાર્યક્રમ આયોજિત કરવામાં આવ્યું. કંપનીએ બધા મોટા અધિકારીઓને આમંત્રણ મોકલ્યું. જેનાથી એ તેમના અનુભવને બધાની સાથે શેયર કરી શકે.

સોમિલ ખૂબ જ સોમ્ય સ્વભાવનો હતો. જ્યારે તેને મંચ પર બોલાવ્યું અને તેનાથી પૂછ્યું કે એ કઈ વિચાર છે જે તમારામાં આટલી ઉર્જા ભરી નાખે છે. સોમિલ બોલ્યો. આજે હું તમારાથી મારા જીવનનું એક અનુભવ સંભળાવું છું. મારુ બાળપણ ખૂબ જ સાધારણ રહ્યું છે. મારી બા બીજાના ઘરે સાફ સફાઈનો કામ કરતી હતી અને મારા પિતાજી દરરોજના મુજબ મજૂરી કરતા હતા. આમ તેમને મારા અભ્યાસ કે કોઈ પણ જરૂરમાં તેમણે કોઈ કમી આવા ન દીધી અને ના મને આ કમીનો અનુભવ થયું.

મને યાદ છે એક દિવસ રોટલી શેકવામાં ખૂબ બળી ગઈ હતી. હું બેઠો જોઈ રહ્યા હતા કે કોણ કેવી રીતે ખાશે, પિતાજી પરતો જેમ કોઈ અસર જ નહીં થયું. તેમને રોટલી ઉપાડી અને શાક સાથે ખૂબ મજાથી ખાવા શરૂ કરી દીધું. બાએ જોયું અને બોલી માફ કરજો આજે જલ્દીથી રોટલી જરાક બળી ગઈ છે. પિતાજી, બોલ્યા મને બળેલી રોટલી જ વધારે પસંદ છે અને તેમાં સ્વાદ પણ છે. જ્યારે બા ત્યાંથી ચાલી ગઈ તો મે પિતાજીને પૂછ્યું શું તમને સાચે બળેલી રોટલી ગમે છે, પિતાજી બોલ્યા આમ તારી બા બહુ થાકી ગઈ હતી અને આ બળેલી રોટલી ખાવાની વાત તો આમ છે કે એક દિવસ બળેલી રોટલી ખાવાથી હું માંદો તો પડીશ નહીં. પણ તારી બાને થોડી શાંતિથી ઉંઘ આવી જશે.

મિત્રો તે દિવસથી મે શીખ્યું કે અમારામાં થી દરેક માણસની અંદર કમી હોય છે. આમારામાંથી દરેક ક્યારે ન ક્યારે ભૂલ કરે છે પણ અમે તેની ભૂલને ઉભારવાની જગ્યા તેને સુધારવા માટે કામ કરવું, એક બીજાની તાકાત બનવું. આ રીતે અમે એક સરસ કાલનો નિર્માણ કરી શકીએ છીએ.

બોધ : મનુષ્યના પ્રયત્નો એને સફળતાની તરફ લઈ જાય છે.

મારી મા

આંખ ને જેમ અંજળ શોભે
એમ ઘરે આવજા કરતા મારી આંખો મા ને શોધે !

પોતાને ભૂખ લાગે છતા બીજાને ખવડાવે એ મારી મા
બીજાની ખુશી મા જે ખુશ રહે એ મારી મા !

સુખ શાંતી નું નામ છે મા
આપણા જીવનનું નામ છે મા !

મારી મા તૂ મારા જીવન મા છે
તારા વિના આ જીવન અધુરૂ છે !

થતો નથી મારા થી વ્યક્ત
તારા પ્રિતનો પ્રેમ !

કરવી છે રોજ તારી તારીફ
પણ પડે છે શબ્દ બહુ ઓછા !

તારા ખોળામાં છે સ્વર્ગ
જ્યારે મને એકલતા લાગે છે !

છે તુ દુનિયા મારી મા
જતી નહી ક્યારે મને છોડીને મારી મા !

Kriya Shah
FYJC - XI - B

Story Poem

Devansi

અમદાવાદ શહેરમાં મોહનલાલ નામનો એક વ્યક્તિ રહેતો. કામ તો હતું રિક્ષા ચલાવવું, પણ તેના માટે દુનિયાની સૌથી મોટી ખુશી તો પોતાની દિકરીને ખુશ કરવી જ હતી.

તેની પત્નીને ખૂબ ગર્વ થતો કે જ જમાનામાં છોકરીઓને આટલો પ્રેમ નથી મળતો, ત્યાં આ એક પિતા છે જે ખાલી એક સ્મિત જોવા પોતાની છોકરીના મોઢા પર મોંઘી થી મોંઘી વસ્તુ પણ લાવી શકે. પછી ભલે તેના માટે એને પૂરી જિંદગી તળિયા ઘસી મહેનત કરવી પડે. પણ આ પિતા-છોકરીના વ્યવહારમાં છોકરી એવી હતી જેને તેના પિતા કંઈ પણ આપે. એના માટે કંઈ પણ કરે, કંઈ ન નહોતી. છોકરીને હંમેશા મનમાં એમ રહેતું કે મારા પપ્પા તો રિક્ષા ચલાવાવાળા છે. શું કરી લેશે ? જિંદગી પણ અલગ જ મોડ પૂરે લઈ આવે આપણને ક્યારેક, ને ? એક દિવસ આવ્યો આમના જીવનમાં જ્યારે બધું જ બદલાઈ ગયું. ઘરે આવતા જ છોકરીને ખબર પડી કે તેના પિતા ભગવાન ને પ્યારા થઈ ગયા છે. છોકરીને

આઘાત લાગ્યો. જે પિતા પૂરી જિંદગી છોકરીના સપના પૂરા કરવા માટે દિવસ અને રાત એક કરતા, તે હવે ખાલી સપનામાં અને રાતે તારા તરીકે દેખાશે. છોકરીને પછી કંઈ થઈ પપ્પાની. તેઓએ તેને રાજકુમારીની જેમ રાખી અને એણે તેના પોતાના પપ્પા સાથે એવો વર્તવ કર્યો. જે કોઈ રાજા દાસ સાથે કરે. આ જ છોકરી હવે શિક્ષિકા છે. છોકરાઓને શિખડાવે છે. માતા-પિતાની કંઈ કરો. પોતનું ઉદાહરણ દઈને કે છે કે મારા પપ્પા તડકાથી પણ બચાવતા મારા જીવનના અને પડછાયો બનીને હંમેશા સાથે રહેતા. હું રિસાઈ જાતી તો તેમના માટે તે જ ત્યારે જીવનનો મોટો દુઃખ હતો. એને હવે મારા જીવનનો મોટો દુઃખ એ છે કે મે ક્યારે પણ તેમના પ્રેમની કંઈ જ ન કરી.

સિખ : વ્યક્તિની કંઈ ત્યારે વધારે થાય છે જ્યારે તે આપણા જીવનથી જાય છે.

મા એ વૃક્ષનો છાયો ...

કઠિન વેદના સહન કરી જન્મ આપ્યો...
પણ આ વાત હું કદી ના સમજી !

મા તુ છે એક વૃક્ષનો છાયો !
સારું છે, તુ મને મળી...

મિત્રો વગર જીવન અખૂટ છે...
મા વગર સમગ્ર પૃથ્વી લોક જ અખૂટ છે...

લોક કહે મા એ ઘરની મહારાણી છે...
પણ, હું લોક ને કહું મા એ તો સ્વર્ગની મહારાણી છે...

શિક્ષક માત્ર સાચા માર્ગે જતા શીખવાડે...
મા એ સાચો માણસ બનતા શીખવાડે ...

નાનપણમાં અસમક્ષના કારણે પારખી ના શકી...
માફ કરજે, હું તને પારખી ન શકી...

મા ! જગતમાં તું ના હોત તો શું થાત ?
બસ, આ જગત થઈ જાત પૂરેપૂરું અનાથ...

મા તું છે એક વૃક્ષનો છાયો...

Priyanka Zanzrukiya
F.Y.J.C.

સાગર તટે એક સાંજ

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નદીઓનો સંગમનું સ્થાન સાગર,
જીવનનો અંત, આત્માને શાંતિ આપનાર સાગર,
પાણી નો પ્રવાહ, મનનો માલિક સાગર,
ઝ્યારે તો પ્રસારો આ સાગર તટે એક સાંજ,

આપણા પૂર્ણ વર્ષ દરમ્યાન અનેક શ્રદ્ધાઓ આવે છે. દરેક શ્રદ્ધાની અગલ વિશિષ્ટતા અને અનેક સુંદરતા હોય છે દરેક શ્રદ્ધાની સવાર અને સાંજ અલગ અને યાદગાર હોય છે. પણ આ બધી શ્રદ્ધાની સાંજ કરતા જે સાગર તટની સાંજ સાથે સરખાવામાં આવે તો તે અનોખી અને અનેરી હોય છે.

સાગર જે બધી નદીઓ સંગમ માનવામાં આવે છે સાગર એટલે પાણી અને ઘરતીનો સંગમ નહીં પણ, સાગર એટલે શાંતિનો અંગ પણ માનવામાં આવે છે અને આજ સાગરની તટે જ્યારે એક સાંજ પસાર કરવામાં આવે તો મનને અને આત્માનો સંગમ થતો હોય તેવું લાગે છે. સાગર જેમ બધી નદીઓનો સમાવેશ પોતાના અંદર કરે છે તેમ જ આપણે પણ સાગરની જેમ મન મોટું રાખવું જોઈએ. જેથી દરેક વ્યક્તિ, સમાજ કે દુનિયામાં આપણા જલ્દી ભળી શકે. સાગર તટની સાંજ એક અવનવો આનંદ અપાવે છે. સાગર તટે જ્યારે આપણે એક સાંજ પસાર કરીએ છીએ ત્યારે આપણને જાણ થાય છે. કુદરત એ બનાવેલી બધી જ વસ્તુ અવર્ણીય અને અદ્ભુત છે. તે માનવી ઝ્યારેય સમજી નથી શકવાનું. ઘગઘગતો સુરજ પોતાની અગ્નિ સમુદ્રમાં આવીને સમુદ્રને સમર્પિત કરે છે. સાગરમાં સૂર્ય અસ્ત થાય છે તે સુંદર દ્રશ્ય આપણા મન, તન અને આત્માને મોહી જાય છે. સૂર્યના પીળા, નારંગી કિરણો જ્યારે સમુદ્ર સાથે મળે છે ત્યારે સમુદ્રનું રૂપ બદલાઈ જાય છે. સાગર તટે એક સાંજ પ્રસાર કરીએ તો આપણું મન અનોખો આનંદ પ્રાપ્ત કરવાની અનુભૂતી કરે છે. દરિયાએ લહેર, પાણીનો અવાજ તેનો કલરવ આપણા

તનને મોહી લે છે. સાગર તટની સાંજ ને જે માણવી હોય તો ફક્ત શાંતીથી આંખ બંધ કરી સાગરના થોડા નજીક જઈને ઉભા રહેવું. સાગરની દરેક લહેર કંઈ કહેવા માગે છે. પ્રકૃતિ અનોખો બોધ ભણાવવા ઈચ્છે છે.

આંખો બંધ થતા જ આપણા આપણી દુનિયામાં ખોવાઈ જઈએ છીએ. દરિયા (સાગર) ના પાણીને લીધે આવતો ઠંડો પવન આપણું મન, તન અને શરીરનો શરીરને ઠંડક પહોંચાડે છે આપણે કરેલી બધી સાચી, ખોટી, સારી, ખરાબ બધી જ વાતોનું આત્મસર્મણ કરવામાં મદદ કરે છે. શું થયું શું થઈ રહે છે ? શું થશે ? તે બધી જ ભૂતકાળ, વર્તમાનકાળ અને ભવિષ્યકાળની અનુભૂતિ કરાવે છે. આપણી જાતને પોતાને સમજવા આપણે સાચા છે કે ખોટા તે સમજવાનો અને પોતાની જાતને ઓળખવાનો સમય આપે છે. આ અમૂલ્ય સમય આપણે જે માણી ન શકીએ તો પછી જીવન વ્યર્થ છે. કુદરતની બનાવેલી બધી જ વસ્તુ આપણને કંઈક ને કંઈક, કોઈને કોઈ રીતે શીખવે છે. સાગર આટલો મોટો અને વિશાળ છે તેમ છતાં તેના રહેલી ગંદગી તે બહાર કાઢી નાખે છે. તે આપણને શીખવે છે કે આપણા મનમાં કરતી ગંદગી જેમકે ક્રોધ, ઈર્ષા ન રાખતા સાગરના પાણીની જેમ ચોખ્ખુ અને સાફ મન રાખવું જોઈએ.

અનોખી મજા છે આ સાગરની તટ પાસે મન માણીને માણી લેવી જોઈએ. આ સાગર તટની સાંજ, સુખ, દુઃખનો છે. આ જવાબ દરેક પ્રવાસીનો છે આ સાચો માર્ગ, મનથી જાણીલો આ સાગર તટની એક સાંજ.

આનંદ ભરેલી આ એક સાંજ,

માણીને જીવી લો આ એક સાંજ,

ઝ્યા નહીં મળે આવી અનોખી આ સાંજ,

ઝ્યારેકતો માણી લો સાગર તટે એક સાંજ.

પિતા - મારી દષ્ટિએ

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આ પૃથ્વી પર કોઈને પૂછવામાં આવે કે તમે ભગવાન ના સાક્ષાત દર્શન કર્યા છે. તો તે માનવ શાયદ ના પાડશે પણ જો મને આ પ્રશ્ન પૂછવામાં આવે તો હું કહીશ હા. મે ભગવાનના સાક્ષાત દર્શન કર્યા છે. માતા પિતા રૂપ ધારણ કરેલા ભગવાન.

બાળકોના વર્ષોના મહિના ૧૨ મહિના ૩૧ દિવસ, દિવસ ના ૨૪ કલાકો, કલાકોની એક મિનિટ, એક મિનિટના એક સેકન્ડ સાથે સંકળાયેલુ જીવન એટલે માતા-પિતા. આપશ્રી ગુજરાતી ભાષાના લેખકોએ માતાને ભાવને જોઈને જ અનન્યવચ અલંકારનું સર્જન કર્યું. કારણ કે માના માતા ને પણ કહીએ તો નાની માજ છીએ. એક સમયે એક બાળક પૃથ્વી પર જન્મ લેવા તૈયાર થયો. સ્વયંમ ઈશ્વર તેમને વિદાય આપવા આવ્યા. પણ બાળક થોડી ચિંતા મા દેખાતો હતો માટે ઈશ્વરે તેને પૂછ્યું શું થયું ? બાળક કઈ વાત તને આટલી ચિંતામાં નાખી દીધી. ત્યાં બાળક ચિતાત્મક સ્વરે બોલે છે. ઈશ્વર આટલી મોટી દુનિયામાં આટલા મોટા વિશ્વમાં હું કોઈને ઓળખતો નથી. મને તો તેમની ભાષા પણ નથી આવડતી. હું આ દુનિયા માં કેવી રીતે રહીશ ત્યારે ઈશ્વર સુંદરતાથી ચહેરા પર ખુશીનો ભાવ લાવે છે અને બાળકને કહે છે હે બાળક તું ચિંતા કરીશ નહીં. તારી માટે મે મારા દૂતોને ત્યાં મોકલાવ્યા છે. તેઓ તારી સંભાળ પણ રાખશે અને તને બોલતા પણ શિખવાડશે અને તારી આંગળી પકડી તને ચાલતા પણ શિખરાડશે. ત્યારે બાળક કહ્યું ઈશ્વર મને તેમના નામ તો કહો. ત્યારે ઈશ્વર મધૂર આવજે બોલે છે. માતા-પિતા આ સાંભળી બાળ આનંદિત થઈ જાય છે અને પૃથ્વી પર જન્મલે છે.

માતા-પિતા તેમના બાળકના ઈશ્વર છે. એક બાળકી માટે શરીરરૂપી ઘરમાં ઘબકતા ઈશ્વર એટલે પિતા માટે

જ પિતા અને દિકરીનો સંબંધ જ કાંઈ અનેરો હોય છે. પિતાને હંમેશાં ઘોડાનો સટ ઈમારતનો પાયો જેવી કઠોર અને દઠ ઉમવાઓ જ આપવામાં આવી છે. શા માટે ? કારણ કે પ્રકૃતિના હૂફ બીજમાંથી કુપળ માત્રમાં બનાવે છે અને ઋતુઓમાં કૂપળને વિશાળ વટવૃક્ષમાં પરીવર્તન કરનાર ટાટ, તાપ અને વરસાદ એ પિતા જ હોય. પિતાના પ્રેમને શ્રીફળના કોચલા સમાન ગણવામાં આવ્યું છે. જ્યારે શ્રીફળ બહારથી કટણ હોય ત્યારે જ અંદર બીજ પાકે છે. ત્યારે છે તેમાં પાણી, મીઠું બીજ સુરક્ષીત રહે છે.

આ સૃષ્ટીના સર્જનહારને આપણે પરમપિતા પરમાત્મા કહીએ છીએ. મૃત્યુ પછી સ્વર્ગ આપે તે પરમાત્મા મૃત્યુ પહેલા સ્વર્ગ રશીદે તે માં જ હોય તેમ માંગોને આપે તે પરમપિતા પણ કશું ન માંગો ને બધું જ આપે તે પિતા ઈશ્વરના આશીર્વાદ છે. આપણા માતા પિતા ઈશ્વરનું શાશવત, પુરાતન, નિત્યા અને સનાતન રૂપ એટલે આપણા માતા - પિતા.

હેલણ ગાડીની મંગલ દિવડા સુધી માં જરૂર પડતા તમામ દુનવચિઓને પોતાની મિઠાશ મા ગોળીને મળાવીને પીવડાવે છે પિતા. સ્વજનો માટે સ્વની આહુતિને પિતા પદનું પ્રથમ ચરણ અને બાળકોનું સર્વથા કલ્યાણ તે પિતા પદનું અતિમ ચરણ, પિતાનો પ્રેમ પણ કેવો અનોખો છે ખબર છે કે ઘરમાં અડધો જ રોટલો છે. તો એ તુ ખાઈ લે કરીને ખવડાવે તે માં જ હોય પણ બેફીકરાઈથી બોલી દે કે મે તો ઘણુ જમ્યુ હવે જે છે તે તુ જમીલે તે એક પિતા જ હોય અને આપણને ખબર પણ ન પડવારે કે તેઓ ભૂખ્યા છે આ છે પિતાનો પ્રેમ, પિતા કહેવા ગણ ચાહે છે. પણ કહેતા નથી. આ બોલ્યા વગરની લાગણી એ માત્ર પિતા અને પુત્રી વચ્ચે નો હોઈ શકે. પિતાનું દષ્ટિકોણ ક્યારે ખોટો નથી પણ તેઓ આપણા માટે ચિંતક છે ચિંતીત છે.

મિત્રતા - સાચું ધન

Rajgor Aniket D.

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આપણી ભારતીય સંસ્કૃતિ એ ખૂબ પ્રાચીન અને જૂની સંસ્કૃતી છે અને આ સંસ્કૃતિમાં ઘણા જાતિ અને ધર્મનાં લોકો રહે છે. જેમ કે મરાઠી, મુસલમાન, પંજાબી, પારસી, ગુજરાતી, ક્રિશ્ચન, સિંધી જેવી અનેક જાતિનાં લોકો રહે છે. તો પણ તેઓ સાથે હળીમળીને રહે છે અને આપણે ખબર ન પડે કે તેઓ કઈ જાતીના છે. કેમ કે મિત્રતામાં ક્યારે પણ ધર્મ આવવાં દેવો નહિં. અને આપણા ભારતમાં પ્રાચીન સમયની મિત્રતા હજી પણ બધાને યાદ છે જેમ કે કૃષ્ણ અને સુદામાની, કૃષ્ણ અને અર્જુનની પણ મને કૃષ્ણ અને સુદામાની મિત્રતાનું સાંભળીને એવું લાગે કે આવી મિત્રતા રાખવી એ આપણું એક સાચું ધન છે.

એક ગરીબ સુદામા અને કૃષ્ણ જ્યારે આશ્રમમાં રહીને ભણતાં હતાં ત્યારે એકવાર તેમનાં ગુરૂના પત્નીએ તેમને જંગલમાં લાકડાં લેવા મોકલ્યા ત્યારે તેમણે કૃષ્ણ અને સુદામા માટે પોટલીમાં પવા બાંધીને સુદામાને આપ્યા હતાં અને તેઓ જંગલમાં ગયા ત્યારે ખૂબ મૂશળદાર વરસાદ પડ્યો અને તેઓ એકબીજાથી ખૂબ અલગ થઈ ગયાં અને સુદામાને ભૂખ લાગીતો તે સુદામા પવા ખાઈ ગયો અને કૃષ્ણના ભાગનાં પણ ખાઈ ગયો. પણ કૃષ્ણને સુદામાને કંઈ ન કીધું.

જ્યારે તેઓ મોટાં થયા ત્યારે એ સુદામા એક ગુંપડીમાં રહેતો હતો અને શ્રીકૃષ્ણ એ સોનાના મહેલમાં રહેતા હતા. જ્યારે એક દિવસ એવો આવ્યો કે સુદામાના ઘરે એક દિવસ ખાવા માટે કશું જ ન હતું. ત્યારે તેમની પત્નીએ તેમનાં પતિના મિત્ર યાદ આવ્યાં અને તેણે સુદામાને કહ્યું કે તમે તમારા મિત્ર શ્રીકૃષ્ણ પાસે જાઓ એ તો રાજા છે એ બધાની મદદ કરે છે તો તમને પણ કાંઈ કરી દેશે પણ સુદામાને આવાં માટે જરૂં યોગ્ય ન લાગ્યું

તો પણ એ પત્નીના કહેવાથી ગયો. પણ જ્યારે સુદામા ગયો ત્યારે તે પવા લેતો ગયો અને જો બપોરના સમયે પગમાં પાદુકા ન ધારણ કર્યા વગર જ ચાલ્યો ગયો અને જ્યારે તે મહેલનાં દરવાજા પાસે પહોંચ્યો તો તેમના અધિકારીએ તેમને રોકી દીધો કેમ કે સુદામાના પહેરવેશને જોઈને તેમને એવું લાગ્યું કે કોઈ ભિખારી અહીં આવી ગયો છે. જો એને અંદર જવા દેવા જઈશું તો રાજા આપણા પર ક્રોધિત થઈ જશે. એટલે તેને રોક્યો અને ત્યારે સુદામાએ કહ્યું કે શ્રીકૃષ્ણ ને કહો કે સુદામા આવ્યો છે. તો તેના કહેવાથી અધિકારી જઈ રાજાને કીધું અને શ્રીકૃષ્ણ પોતે તેનું સ્વાગત કરવા આવ્યા અને તેમને ભેટી પડ્યા પણ સુદામાને માગવા માટે શરમ આપતી હતી. અને પોટલીમાં બાંધેલા પવા આવતા તેને શરમ આવતી હતી. પણ શ્રીકૃષ્ણએ જોઈ લીધું તો તેના પવા લઈને ખાધું અને સુદામાને સારી રીતે આગતા સ્વાગતા કરીને ભોજન કરાવ્યું અને સુદામા એ તો કાંઈ શ્રીકૃષ્ણ પાસે માંગ્યું નહીં પણ જ્યારે તે ફરી ઘરે જતો હતો ત્યારે દુઃખી થઈ ગયો હતો કે મારી પત્નીને હું શું કહીશ ? પછી જ્યારે એ એના ઘર પાસે ગયો તો ત્યાં ઘર જ નહીં તો તે ચિંતામાં પડી ગયો કે મારા પત્નીને, બાળક ક્યાં ચાલ્યા ગયા ? પછી એને ખબર પડી કે આ ઘર તો મારું છે અને ત્યારે તે જોઈને રડી પડ્યો પણ આ ઘરતો જ્યારે શ્રીકૃષ્ણ પવા ગ્રહણ કર્યા ને ત્યારે સુદામાનું બધું દાસ્તિદ્રતા પૂરી કરી દીધી અને ત્યારે તેને લાગ્યું મારી મિત્રતા એ એક અણમોલ રત્ન સમાન છે.

આમ આજે પણ લોકો મિત્રતા માટે આ શ્રીકૃષ્ણ અને સુદામાની જોડીનું ઉદાહરણ આપે છે. આવી રીતે મિત્રતા એ એક સાચું ધન છે એ ક્યારે કોઈને ગુમાવવું જોઈએ નહીં.

જ્યારે હતી અમારી શાળા

પુશ હતા અમે એ દિવસોમાં
જ્યારે હતી અમારી શાળા
ભલે કલાસરૂપ મોટા હતા
પણ મિત્રોના દિલોથી નાના હતા
હવે ભીંડમાં પણ એકલતા
વાગે જેમ ત્રિશુલ
પુશ હતા અમે એ દિવસોમાં
જ્યારે હતી અમારી શાળા
ભલે દફતર હતા અમારા
ચોપડાના વજનથી ભારી
પણ પીઠ ધ્યાતેય ના દુઃખી
દુનિયાદારીના બોજથી અમારી
હવે સાચા અને ખોટા વચ્ચે
અમે મૂરમટોલા ફૂલ
પુશ હતા અમે એ દિવસોમાં
જ્યારે હતી અમારી શાળા
ત્યારે ન હતા કોઈ વાતનો ડર
ન હતી મજબૂરી
વિતાવ્યું સમય ખુશીથી
હવે છે મસ્તીથઈ કેટલી દૂરી
માનવા પડતા હતા ઘણા બધા નિયમો
પણ પુશ હતા અમે એ દિવસોમાં
જ્યારે હતી અમારી શાળા

Chandresh A. Sachala
FYJC-B



Department of Biochemistry

Report of the interactive Session” Entrepreneurship and startups” by Mr. Gaurang Shetty

On 13th June 2017, an interactive seminar titled “Entrepreneurship and startups” by Mr. Gaurang Shetty, Chief Innovation Catalyst, RiIDL (Research Innovation Incubation Design Labs) was organized by Department of Biochemistry for T.Y.B.Sc. students of the Department..

The session started with a brief introduction of the speaker by Dr. S. M. Pawaskar, Head, Department of Biochemistry. Mr. Gaurang focused on innovations and explained students about startups. He explained about various strategies to build a sustainable business. He encouraged students to be entrepreneurs and explained that students can also plan on setting up a social organization or social enterprise. He then explained students about RiIDL and the startup course offered by them.

There was a good response from the students in the form of questions. The session ended with a vote of thanks to the speaker by Dr. S.M. Pawaskar. The overall session was interesting and informative.

Report of the interactive Seminar “Excelling in Exams & Life” by Dr. Shrirang Joshi

On 18th June 2018, an interactive seminar titled “How to excel in examinations and Life” by Dr. Shrirang Joshi, consulting Psychiatrist (Somaiya College) was organized by Department of Biochemistry for undergraduate and postgraduate students of the Department.

In this highly competitive age and time wherein all students are trying to pave their way towards achieving their respective goals, this positive talk delivered by Dr. Shrirang Joshi resonated with the students.

As sir rightly pointed out, that the key to sustaining a consistent and successful academic performance amounts to three crucial things; brilliance, hard work and regularity.

An approach, as suggested by Dr. Shrirang Joshi, is to treat every day as an examination which enables the student to identify his/her short term and

long term goals and to study, not only for the sake of a mere examination, but also to acquire knowledge. Parents have been seen enrolling their wards in coaching classes which have intensive time demands. In the real sense, the process of acquiring knowledge begins, not at these coaching classes or even at school/college but only when a student puts in hours of self-study.

As sir pointed out with subtle humour; to fail in an examination is as difficult, as it is to top an examination. Smart phones, active social connectivity and the entertainment media has shifted students focus and has greatly reduced their concentration and attention span. It is a huge distraction. Conscious efforts must be made by students to deliberately minimize the use of gadgets.

While some amount of anxiety/stress is observed and experienced during examinations, it must be managed/combat in the initial periods of study/preparation. Stress management just before an examination especially when the student has failed to prepare for the same simply defies all logic! The moderate amount of anxiety which is experienced must be channelled in an extremely positive manner.

He said that students must train their minds to not give in to instant pleasure or anything which merely yields fast results. Long term goals with consistent and religious investment of an individual’s efforts are what will make all the difference!

Report of the interactive Seminar “Driving your career ahead through Education” by Mr. Jaspreet Singh

On 19th June 2018, an interactive seminar titled “Driving your career ahead through Education” by Mr. Jaspreet Singh, was organized by Department of Biochemistry for undergraduate and postgraduate students of the Department..

Most of the students who are studying in the last year of Bachelors and Masters program are unaware of the opportunities and advantages of studying abroad to perceive their career. This seminar aimed to guide the students regarding various opportunities and scholarships available for higher studies abroad.

After the brief introduction, Mr. Jaspreet started his talk by quoting that. "There is nothing called scope, it depends on the individual aspect, how he/she makes valuable out of what he/she has perceived."

He discussed various advantages of studying abroad. One of which is that students are allowed to do a part time job which can help the students to uphold their own needs or the expenses.

He talked about various eligibility criteria for the students who wish to study abroad. For this he told students to develop the leadership skills, indulge in debate competitions and asked students to improve their communication skills

Following are the points which he advised students to consider while applying for abroad studies:

- First, get a passport done.
- Make a good research on the course for which one wishes to apply for example looking for the Module of the course, Tenure of the course, if any entrance exams to be given, Application and fee details, etc.
- Make a list of universities or institutions which offers the course of students choice.

The seminar held was proved to be an excellent guidance for the students who wish to perceive studies abroad. It was also a good platform for the students to get their queries to be answered by the interaction with Mr Jaspreet Singh.

There was a good response from the students in the form of questions. The session ended with a vote of thanks to the speaker. The overall session was interesting and informative.

Report of the workshop "Yoga and meditation for Healthy Life" by Dr. Rita Dhame

To celebrate the International yoga day, Department of Biochemistry conducted a workshop on 21st June 2018 at the Yoga court, basement of Chanakya building., by Dr. Rita Dhame, Visiting faculty of K.J. Somaiya Bharatiya Sanskriti Peetham. Undergraduate Students and Staff Members from Biochemistry department participated in the workshop with great enthusiasm and vigour. The workshop started with a brief introduction of the speaker by Dr. S. M. Pawaskar, Head, Department of Biochemistry.

Dr. Rita Dhame explained the importance of yoga in day to day life and said that Yoga is a mental, physical and spiritual practice that needs to be carried every day. students got the chance to know how yoga embodies unity of mind and body. Different yoga postures like Vrikshasana, Tadaasana, Sukhasana, Trikonaasana, Bhadrasana, Bhujangasana, and many other poses were taught. At the end all performed Pranayama and meditation. She also addressed that practice of Yoga and meditation helps in relieving the stress of the students and the society.

Overall the workshop was very energetic and students enjoyed the session. The session ended with an appeal to the students to include yoga in their daily routine for its wholesome and good effects on the mind, body and soul.

Workshop on Letter and Resume writing by Dr. Hemangi Bhagwat.

On 25th June 2018, a workshop titled "Letter and Resume writing" by Dr. Hemangi Bhagwat, Associate Professor, K.J. Somaiya College of Science and Commerce was organized by Department of Biochemistry for T.Y.B.Sc. students of the department in the seminar hall of the college.

The seminar was a good interactive session focussing on various aspects of communication skills. Dr. Bhagwat explained that "Listening is as important as speaking skills". She advised to enhance the listening competencies by recognising speakers attitude and ideas. She also explained students about the verbal and non verbal communication, importance of tone, speaking gestures and eye to eye contact during communication. Dr. Bhagwat further advised students to improve their language skills by reading newspaper editorial articles everyday.

She said, "Studying language never ends it is a widest topic, it cannot be taught but only can be studied by yourself, by improving yourself more and more."

Dr. Bhagwat then talked on facing interviews and highlighted various points on pre interview preparation such as self analysis by identifying ones own skills, gathering information about the organisation where the candidate has applied for the job position, revision of the subject knowledge etc.

She explained that personality and etiquettes play

a major role in the selection of the candidate for a job and one would be judged just in few minutes on ones communication skills, academics and physical appearance

She also discussed a set of questions which are mostly asked in an interview and also explained the expected answers

Students were very thankful to Dr. S. M. Pawaskar, Head, Department of Biochemistry for arranging a wonderful workshop on communication skills.

There was an overwhelming response from the students in the form of questions related to the communication skills. The session ended with a vote of thanks to the speaker. The workshop was very encouraging, interesting and informative.

Report of the interactive Session “Career options in Food Auditing” by Mr. Satish Gupta

On 13th August 2018, Department of Biochemistry organized an interactive seminar titled “Career Opportunities in Food Auditing” for undergraduate students of the department by Mr. Satish Kumar Gupta (Chief Assessor/ Food Scheme Manager, Indian Register Quality Systems (IROS), Mumbai)

After the brief introduction, students were very privileged to receive extremely valuable insights from Mr. Satish Gupta about Food Auditing which gave them a new perspective for their careers. He explained that Food auditing is a crucial component of maintaining the food safety standards through a provision of transparency and assurance that the standards are being maintained.

Mr. Gupta mentioned that food auditing is not limited to only professionals from a specific stream but is open to a wide range of educational qualifications given that the individual is competent enough to meet the job requirements. His talk provided with further information about the details of the profession which included the various designations and kinds of food auditing. Mr. Gupta spoke about various types of audits, namely; first party, second party and third party audits. A first party audit involves an internal audit within the company while a second party audit involves the company auditing a supplier or a client auditing the company.

A third party audit involves an audit which is carried out by another certified organisation (for example an audit which will be conducted by an independent organisation if a company needs an ISO certification)

He then explained students that a minimum 2 year work experience in the relevant field is needed to get recruited as a food auditor. In addition to the above mentioned criteria, a successful completion of the Lead Auditor training is mandatory to be a third party auditor.

After this enlightening talk, students were in better position to efficiently analyse the pros and cons of food auditing as a career to consider it as a prospective career option.

There was a good response from the students in the form of questions. The session ended with a vote of thanks to the speaker. The overall session was very interesting and informative.

Report on “Swachha Bharat-Swastha Bharat” Abhiyan

One week drive/Abhiyan on the Government of India theme “**Swachha Bharat – Swastha Bharat**” was undertaken by the students & the staff members of the ‘Biochemistry Department’ of K. J. Somaiya College of Science and Commerce, under the community outreach program, especially on the occasion of the ‘150th birth anniversary of the Father of our Nation, ‘Shri Mahatma Gandhiji’, from 24th September 2018 to 29th September 2018.

Six staff members and eighty undergraduate and postgraduate students of the **Biochemistry Department of K. J. Somaiya College of Science and Commerce** contributed in this campaign.

The idea was conceptualized and the drive was initiated by Dr. Samidha M. Pawaskar, Head, Department of Biochemistry of K. J. Somaiya College of Science and Commerce.

The students painted various health and cleanliness related pictures and messages on the Vidyavihar railway station.

A street play regarding spreading the message for ‘Swachha Bharat – Swastha Bharat Abhiyan’ was also scripted and performed by the students on the Vidyavihar railway station to imbibe the message amongst all the students and the society.

The ultimate aim of the campaign was to educate people to promote cleanliness and hygiene in the public places, which is the key to overall healthiness and the only way to bring happiness for everyone.

The campaign was funded by Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, under STAR College Scheme.

Report on “Health Fair 2019”

“Health Fair 2019” was organized in association with InorbitMall, Vashi on 12th and 13th January 2019. The event aimed at the interaction amongst the students (schools and colleges) and common public to spread health and nutritional awareness amongst the masses, especially amongst the youth. **This event was one of its first in the field of education where in academics collaborated with the corporate sector with the sole vision of reaching out to a public belonging to varied economic and educational background and spreading health and nutritional awareness.**

Health Fair 2019 was comprised of two parts, Nutritional awareness program and Health Fair-Food Fest. Nutritional awareness Program was based on the themes “**We are what we eat**” and “**Let food be your medicine**”.

Exhibition was instrumental in spreading general awareness about health, healthy food habits and role of nutrition in maintaining good health. Exhibition was very informative which covered the following topics

Total body fitness

Life span nutrition

Life style disorders and nutrition

Food Science and Nutrition

Stress and stress management

General nutrition and Thali concept

Under this nutritional awareness program, Students and teachers from biochemistry department promoted concept of healthy eating by making nutritionally rich innovative food items. People are generally ignorant of the concept of healthy food. They generally vouch for palatability and give less importance to the nutritionally rich and balanced food. To spread awareness on this issue, students and

teachers from department of biochemistry made innovative food items which were tasty as well as nutritionally balanced and rich

Another important feature of the Health fair was “**Health Fair –Food fest**”. It is an inter collegiate annual event conducted by Biochemistry department.

The competitions were as follows

Health Court

Bio Jingle

Bio Pictionary

Bio Imagica (Ad Mad show)

Overall, it was an event full of fun, anxiety, and excitement which engaged the visitors in gaining knowledge of nutrition and overall body fitness. There was an overwhelming response from the students and people and they liked this concept of promoting knowledge about health and nutrition.

Report on Swasthya Mahotsav 2019

K. J. Somaiya College of Science & Commerce (Department of Biochemistry) had organized a DBT sponsored (Under Star college scheme) “Swasthya Mahotsav 2019” on 22nd of January 2019

1. Dr. Chetan Vedpathak, a pure Ayurvedic Medicine and Panchakarma practitioner was the inaugural speaker of the event. His talk was named as “A key to healthy life : Ayurveda”. wherein he gave the speech on how to lead a healthy life through Ayurveda.

2. Dr. Sonali Lohar, Audiologist and Speech therapist. Her session was named “Voice care – awajkiduniya” which was an interactive session and students actually exercised their vocal cords, and gained very scientific tips on how to maintain good voice health. Teachers were also highly benefitted from this session as Dr. Lohar talked a length about the vocal abuse and voice care for teachers.

3. Last speaker for the day was Ms. Shraddha Gandhi, Mystologist by profession. Her talk was titled as “The Science of aura” and she illuminated the audience by giving the knowledge of aura of various living and non-living things.

A Workshop by Chef Sonali Thakur, Pastry chef on healthy cooking was organized by Department of Biochemistry on 22nd January 2019 at 1:30 pm after

the lectures. Students prepared and learned many healthy recipes in the workshop

Electrophoresis workshop

A workshop on electrophoresis was organized by Biochemistry department for post graduate students on 10th December, 2018 by Mrs. Yogita Narvekar.

Mrs. Narvekar demonstrated the working of vertical and horizontal polyacrylamide gel electrophoresis (PAGE).

Mrs. Narvekar explained the principle and application of PAGE. Mrs. Narvekar further explained use of all the components of electrophoresis unit and demonstrated the working assembly of electrophoresis unit.

Components and preparation method of Tank buffer, tracking dye, separating gel and loading gel were explained in detail. Method of making wells and loading of the sample was demonstrated. Students were made to load the serum samples in the wells. After the run of the gel was complete, removal of the gel from the unit was carried out. Procedure of staining of the gel was demonstrated.

Department of Biotechnology

Student Activities and Awards

1. Anuradha Govindlal Gupta
2. Damini Jayesh Shah
3. Sushma Sudam Ugale
4. Samata Pramod Varadkar
5. Divya Ashwin Koradiya
6. Akshita Mahesh Mirani
7. Neha Jaswant Panchal
8. Shruti Manilal Patel
9. Shabbir Juzer Najmi
10. Nikita Yashwant Mahasabde
11. Yogeshkumar Narendrakumar Maithania
12. Subham Shivkumar Singh
13. Shrutika Shashikant Padwal

Of TYBSc Biotechnology Participated in National FORENSIC EXPO-2018 08/09/2018 Institute of Forensic Science, Government of Maharashtra, 15, Madame Cama Road, Mumbai-400032

1. Samata Pramod Varadkar
2. Shruti Manilal
3. Karishma Dharmendra Vekaria

TYBSc participated in Local workshop Thinking skills Workshop on problem solving and process skills in genetics 12/09/2018 IDPET, IIT BOMBAY, Powai

1. Akshita Mirani
2. Samata Varadkar
3. Anuradha Gupta
4. Shruti Patel
5. Yogesh Maithania
6. Sushma Ugale
7. Damini Shah
8. Ruqqaiyah Lakdawala

TYBSc participated in fest INSIGHT 2018 on 15/12/2018 IES, Bandra, Mumbai

1. Divya Koradiya
2. Samata Varadkar
3. Akshita Mirani
4. Shruti Patel

TYBSc participated in fest Poster Presentation Competition 12/01/2019 Ruia College, Matunga

1. Anuradha Gupta
2. Sushma Ugale
3. Shruti Patel

TYBSc participated in fest INSIGHT 2018 Quiz Competition on 15/12/2018 IES, Bandra, Mumbai

Nupur Kurulkar FYBsc participated in Annual Sports Day 15/12/2018 KJSSC won

Long Jump- 1st place

Shot Put- 1st place

100 mts.- 2nd place

SYBT Batch 2018-19 took initiative in organizing Freshers Party for FYBT 2018-19 Seminar Hall KJSSC 25/11/2018 with great success in achieving an ice breaking time for the new batch

FYBT and SYBT Batch 2018-19 took initiative in organizing CRISPRalis, Intercollegiate fest SVV campus 25th January 2019

Uday Kumar Dasandla, FYBT 2018-19 was awarded D.D. Kosambi Young Scientist Award 2019 at the Collaborative Undergraduate Biology Education for EXEMPLARY CONTRIBUTION TO COLLABORATIVE UNDERGRADUATE RESEARCH. ON 17th February 2019 by Prof M. C. Arunan and Prof. Nagarjuna G at TIFR

Staff Activities BT 2018-19

Prof. Amit Jethwa attended Workshop on Thinking Skills Workshop on Problem solving and process skills in genetics on September 17th, 2018. conducted by Inter-Disciplinary Program in Educational Technology at IIT Bombay

Prof. Jayesh Bhagat attended Workshop on Thinking Skills Workshop on Problem solving and process skills in genetics on September 17th, 2018. conducted by Inter-Disciplinary Program in Educational Technology at IIT Bombay

Dr. Jacinta George attended Workshop on Thinking Skills Workshop on Problem solving and process skills in genetics on September 17th, 2018. conducted by Inter-Disciplinary Program in Educational Technology at IIT Bombay

Dr. Jacinta George attended National Workshop STEM Teacher Training Workshop on Research-Based Pedagogical Tools (Level 1) 23-09-2018 26-09-2018 Kolkata Conducted by CoESME, IISER Pune and Sheffield Hallam University, UK

Prof. Jayesh Bhagat attended Faculty Workshop Under DBT STAR SCHEME Integrating Applied Bioinformatics in Undergraduate Life Science Education 27/9/18 29/9/18 ST. XAVIERs COLLEGE

(AUTONOMOUS), MUMBAI and HOMI BHABHA CENTRE FOR SCIENCE EDUCATION, TIFR

Prof. Sagar Shah attended National Workshop STEM Teacher Training Workshop on Research-Based Pedagogical Tools (Level 1) 28-09-2018 01-10-2018 Jaipur Conducted by CoESME, IISER Pune and Sheffield Hallam University, UK

Dr. Jacinta George attended Training Programme Training Programme - Reference Management 11-08-2018 SIMSR, Somaiya Campus Conducted by Somaiya Initiatives for Research and Consultancy (SIRAC)

Dr. Abhishek Chhaya M attended Training Programme Training Programme - Reference Management 11-08-2018 SIMSR, Somaiya Campus Conducted by Somaiya Initiatives for Research and Consultancy (SIRAC)

Prof. Amit K Jethwa attended National Workshop Cellular and Molecular biology- from gene cloning to protein expression and localization 19-12-2019 22-12-2019 UM-DAE CBES, Kalina

Prof. Jayesh Bhagat attended Workshop Design Thinking 28th November 2018 RiiDI, 5th Floor Annex Building, SVV

Prof. Jayesh Bhagat attended State Workshop LTMT sponsored teacher training programme on 'Experimental Approach for Drug Studies' 17th to 19th January, 2019 Sophia College For Women, Cumbala Hills, Mumbai

Dr. Jacinta George attended National Workshop STEM Teacher Training Workshop on Research-Based Pedagogical Tools (Level 2) 17-01-2019 19-01-2019 IISER, Pune Conducted by CoESME, IISER Pune and Sheffield Hallam University, UK

Prof. Sagar Shah attended National Workshop Teaching learning skills in Taxonomy, Biodiversity and Bioprospecting of Fungi Sponsored by TLC, SP pune university under PMMMNMTT 20/12/2018 22/12/2018 Department of the Botany, S.P. University, Pune Maharashtra

Staff Activities: as Examiner and Resource person

Dr. Jacinta George External Examiner, MSc

Part 2 Sem 3 Paper 4 13 November 2018 R Ruia College (Autonomous), Matunga

Prof. Sagar Shah External Examiner, MSc Part 2 Sem 3 Paper 3 13 November 2018 R Ruia College (Autonomous), Matunga

Prof. Jayesh Bhagat External Examiner, Msc Part 2 sem 3 Practical Examination 4th 5th December 2018 RJ College Ghatkopar

Prof. Jayesh Bhagat, Resource person, Alumni Experience at Valedictory at 2nd Induction program for teachers under PMMMNMTT 8th December 2018 IISER, Pune

Dr. Jacinta George Resource person, Alumni Experience at Valedictory at 2nd Induction program for teachers under PMMMNMTT 8th December 2018 IISER, Pune

Department Activities

Department of Biotechnology Date/time of the event : **9th and 10th of July 2018**; 8.00 hrs to 18.00 hrs Type/venue of event : Flipped classroom learning-Power Point presentations by students, Seminar hall. Topic of the event BIOZONE. Resource persons Staff of biotechnology department. No of participants 65 students & staff of biotechnology department. Brief report of the event A two day annual event-BIOZONE, was conducted for the undergraduate students of Biotechnology. The event uses flipped classroom pedagogy, where students present individual power point presentations on theme. For this year the theme chosen were

Greatest Discoveries in Science (SYBSc) &; Recent Advances in Farming (TYBSc). This interactive learning involved students presenting their data search, along with an oral presentation and evaluation of the best presentation. Prizes to the best presentation were evaluated by students using a rubric presentation. Prizes to the best presentation were evaluated by students using a rubric.

The **Department of Biotechnology** organized an **industrial visit to Ooty-Mysore-Bangalore** from **17 November 2018 to 24 November 2018** which included 61 students-54 undergraduates and 7 postgraduate students accompanied by four faculty members. The highlights of the trip were the visits to Pasteur Institute, Ooty-leading producers of Anti-Rabies and DPT group of Vaccines in India, Bio ZEEN, and Bangalore-specializes in Fermentation and Upstream Bioproduction technologies and High Field Teafactory, Ooty. These institutes/industries provided a very good exposure to biotechnological applications enabling the students actualize the importance of the field they are pursuing. Additionally, the visit was also balanced with visitation at the local tourist attractions namely Ooty Lake and Botanical Gardens at Ooty, Mysore palace and Brindavan Gardens, Mysore and Visvesvaraya museum, Bangalore. The Visvesvaraya museum offered extensive knowledge on various scientific including biotechnological inventions, concepts and facts with a grand display of ingenious working models, intellectual games and exhibits.

Department of BFM / BMS / BCAF

International Yoga Day was celebrated in our college on **21st June, 2018** in which many activities were taken place with immense support of teaching, non-teaching staff and students.

The Yoga session started at 7:00 AM in our college at 6th floor by a trained Yoga instructor Miss. Jaishri Joshi. There was a large participation of students for yoga day. The day started with the peaceful prayer of Somaiya (campus Prayer), which reflected our culture in strong manner. We continued with an introduction of the guest with a welcome speech and some inspiring words by Dr. Chetan

Jiwani Sir and Miss. Jaishri Joshi. The Yoga session started with some basic exercise to warm up the body along with involvement of our students. The madam asked the students to get involved in Yoga for a good cause later. Our teaching faculty was also a part of this amazing yoga session. During the whole yoga demonstration we learnt different types of asana and their importance in our life, Our co-ordinator Atul Thatte sir were part of the yoga day. We were blessed to have our Principal Prabhu Madam who with her presence made the event successful, she gave her inspiring words to our students.

Department of **BCAF, BFM, BMS** of K. J. Somaiya College of Science And Commerce had organised seminar on GST on **11th August, 2018** in seminar hall from 10.00 a.m.to 12.00 p.m. The seminar was presided by the Mr. Krishnan Venkatasubramanian, Chartered Accountant from **KPMG** has a vast experience of more than 14years in the field of Indirect Taxes. He has addressed various industry association on indirect tax and GST related matters. He has also authored a book-'An Introduction to GST-The Biggest tax reform in India's financial history'.

An social awareness event organized by Department of **BCAF/BFM/BMS** and a team

EMPRESA on **11th September 2018** as pre event near Panvel in Shree Bhairavdev Vidyalaya ,Ritghar,Panvel govt.semi english medium school in which nearly 125 Girl Students from 7th Std.to 10th Std of the school witnessed the campaign "**Sanitary Napkins Awareness**" Students of unaided commerce presented a small street play on benefits of sanitary napkin and CA Monica Lodha Assistant professor explained to the girls why Periods should not be considered Taboo. At the end of the session free sanitary Napkins were distributed.

d faculty in the Institute to 42.

Department of Botany

Students and Faculties of Department of Botany have participated and conducted various activities during this academic year.

- Parent Teacher's meeting was organized on 22nd September 2018 for S.Y.B.Sc. and T.Y.B.Sc students. During this session the parents interacted with the teachers. Various activities of the department for students, attendance, remedial coaching, tutor mentor scheme, certificate course were discussed.

Invited Talks /Workshops.

- Somaiya Vidyavihar campus trail was Organised on 11th June 2018 for T.Y.B.Sc students to acquaint them with the flora of the campus.21 students attended the same. Mr.Sushil shinde was the resource person.
- Mr.Deepak Badhe , Research scientist, Marico Ltd.delivered a lecture on "Scope of Botany in cosmetic Industry "underDBT- STAR COLLEGE SCHEME on
- 20th July. 2018. S.Y.B.Sc -71,T.Y.B.Sc -37 and M.Sc -04students were present.
- A talk on Landscape designing by Ms.Shatabdi Sawant from I.Y College was organized on 6th August 2018 . T.Y.B.Sc -32 and 02 S.Y.B.Sc students attended the same.
- One day workshop on Kokedama was organized on 10th August 2018.Mr.Sachin Rane

from Naturalis T Foundation was the resource person for the same .10 students attended it.

- Chef Feroz khan from Khan Fruit carving Academy was invited as Resource person for a one day workshop on Fruit and vegetable carving on 11th August 2018.13 T.Y.B.Sc students attended the same.
- One day workshop on Bonsai was organized on 14th August 2018.Mr.Sachin Rane from Naturalis T Foundation was the resource person for the same .19 students participated in it.
- Lectures on " EIA and Biodiversity in EIA surveys "were organised on 14th and 15th Dec.2018 under the DBT-STAR College scheme for the S.Y.B.Sc and T.Y.B.Sc students .Mr.Parth Bapat .Director and Learning catalyst ,Somaiya Centre for experiential learning was the resource person for the same.105 students attended it. Students got an overview of EIA and also got valuable guidance as to how EIA can be chosen as a career option.
- A motivational talk on Comprehensive stress management ,socio academic interphase was delivered by Dr.Harish Shetty ,Psychiatrist on 9th Jan. 2018.150 students attended the same.
- Workshop on Geotagging was organized on 10th Jan .2018 .Dr.Dnyanda Salvi and Mr.Siddharth Kshatriya were the resource persons for the same .25 T.Y.B.Sc students benefitted from it.

- A one day workshop , Projects by RBPT was organized by the department for UG and PG students under DBT-STAR College Scheme on 13th Feb.2019. 25 T.Y.B.Sc ,08 M.Sc (I) and 01 M.Sc (II) participated in the workshop. Dr.Jitendra Pendharkar was the resource person for the same. The workshop was very informative as the resource person elaborated on the methodological tools used in research.

Conferences / Seminars /Workshops attended.

- Dr.Veena Salvi and Dr.Ketan Thatte attended a seminar on Cancer and Biochemistry on 8th July 2018 at Tata Memorial Centre,Parel.
- Mrs.Supriya Naik attended a workshop on Green Wall-bringing nature home on 31st Aug 2018 at Lala Lajpatrai College of Commerce.
- Dr.Ajit Katdare,Dr.Meena Patankar and Dr.Veena Salvi attended a workshop on Research Based Pedagogical Tools on 23rd and 24th Nov.2018 organised by IQAC ,K.J.Somaiya College of Science and Commerce.
- Mrs.Supriya Naik and Dr.Meena Patankar attended a workshop on Extraction and isolation of phytoconstituents on 8th and 9th Dec .2018 at Department of Pharmaceutical Sciences and technology, ICT, Matunga.
- Dr.Veena Salvi attended a symposium on Stem Cells and Cancer –India 2019 and a one day workshop on Flow Cytometry on 1st and 2nd Feb 2019 at Somaiya Vidyavihar.
- Mrs.Supriya Naik attended a conclave on My Earth 2050-Sustainable Habitats for Co-Existence on 5th and 6th Feb.2019 at Department of Life Sciences ,K.C.College.
- Dr. Ajit Katdare attended a conference Current trends and future Prospects in Fungal Biotechnology on 8th and 9th Feb.2019 at The Institute of Science,Mumbai.

Orientation /Refresher Courses attended by the Faculty.

- Dr.Ketan Thatte attended IISER Induction programme from 1st May – 28th May 2018 at IISER , Pune.

- Dr.Meena Patankar attended a refresher course in Environmental studies from 1st June to 21st June 2018 at K.J.Somaiya College of Science and Commerce.

Paper Presentation :

Dr.Ajit Katdare presented a paper Mycorrhizal incidences in weeds from railway tracks of thane station area (Maharashtra)of Mumbai Central Railway. www.isca.net.co from 5th to 10th Aug.2018.

Research Project :

Dr. Ketan Thatte received a grant of Rs.30,000/- from Mumbai University for a research project entitled “Studies in *Ricinus communis* with respect to phytochemical analysis and cytotoxicity”.

Field trips / excursions and Industrial visits:

- A one day excursion was organized on 30th June 2018 at BPT garden ,Colaba and Jijamata Udyan ,Byculla for T.Y.B.Sc students. Dr. Meena Patankar and Dr. Ketaki Deodhar accompanied the students.
- One day excursion to Keshavshrushti was organized for S.Y.B.Sc students on 7th July 2018. Mrs. Supriya Naik , Dr.Ajit Katdare ,Dr. Meena Patankar and Dr. Ketan Thatte accompanied the students.
- Industrial visit to Jai Vakeel Foundation Research centre ,Sewri and NFB , Khalsa College ,Mumbai was organised for M.Sc. part II students on 3rd August 2018.Dr.Veena Salvi accompanied the students.
- One day excursion to Regional Ayurveda Institute for Fundamental Research,Kothrud and Mahatma Phule Krishi Vidyapeeth, Rahuri, Pune branch, Pune was organised on 11th Dec. 2018. S.Y.B.Sc (33) and T.Y.B.Sc (40) students attended the same. Students got the glimpse of about 110 medicinal plants with their medicinal importance , maintained in the garden of the Ayurveda institute. At the agriculture college, students got information about mushroom cultivation and high tech Green house technology used for the cultivation of flowers and vegetables.
- Long excursion for M. Sc. and T. Y. B. Sc.

Botany students at Belgaum and Godavari Biorefinary Sameerwadi, Karnataka was organized on 31st January 2019 to 6th February 2019. 6 students of M. Sc. and 22 students of TYBSc. were accompanied by Dr.Ketan Thatte, Dr .Jayesh Anerao and Ms.Vaishali Pingle. At Sameerwadi; different industries like Sugar factory, Alcohol distillery, Biofertilizers and Co-gen as electricity power house were visited.

- Dr. Meena Patankar along with 51 S.Y.B.Sc and 19 T.Y.B.Sc students visited the exhibition organized by BMC at Byculla Ranibaug on 2nd Feb.2019.The students got a glimpse of various exhibits like miniature landscape models, Bonsai, cut flowers, medicinal plants, exotic vegetables, flower arrangements and ornamental plants. She also visited another exhibition organized by the Friends of Trees on 9th Feb.2019 at the D.G Ruparel College, Matunga.34 T.Y.B.Sc students visited the same.
- Dr.Veena Salvi along with 31 S.Y.b.Sc students visited an exhibition organized by the Friends of Trees on 10th Feb.2019 at the D.G Ruparel College , Matunga. The students got a glimpse of various exhibits like miniature landscape models, Bonsai, cut flowers, medicinal plants, exotic vegetables, flower arrangements and ornamental plants.
- Sacred Grooves Visit (Devrai), A/P Rundre Village, 5-6 km away from the Titwala station was organized by Paryavaran Dakshata Manch (Mandal) on Saturday, 16th February 2019. Ten M.Sc (I) students and one faculty member Dr.Jayesh Anerao visited Devrai to study type

of forest, to understand vegetation pattern and their geo tagging .Mrs. Sangeeta Joshi, Project Manager and Mr. Suhas Pawar, Project Co-ordinator, guided and provided information to the students. About 50 plant species were indentified and 150 plants were tagged. The technical Head conducted very informative session on concept of Sacred Grooves (Devrai), and conservation strategies for the students.

Department fest

Department of Botany had organized an intercollegiate festival “ VRUKSHAM 19” on 9th and 10th Jan.2019.The entire festival was organized by the students and for the students. There were about 300 participants from the host college and other colleges. Various competitions like Zayqa, Flip N Fit, Klick it , Toran making, Seed art , Jugad ,Poster making and Treasure Hunt were organized as a part of the fest. Guest lecture by Dr.Harish Shetty and a workshop on Geotagging was also organized during the fest. The major attraction of the fest was the exhibition of air purifying plants , model of landscape design , Vertical wall garden and the start up counter for processed food products that included jams , sauce, pickles,amla honey candies and tutti frutti. Other counters were for potted plants , hanging baskets , Kokedama , book marks and greeting cards.

Students Participation

- A two day exhibition for the display of Shravanatlya Bhajya was done by T.Y.B.Sc students on 20th and 21st August 2018.
- An exhibition of Air purifying plants was organized on 9th and 10th Jan .2018 by the students during the annual fest Vruksham.

Department of Business Communication

Faculty; Dr Hemangi Bhagwat

Department activities:

1. Organised a workshop on voice culture for teachers.
2. Organised a workshop on stress management for students.

3. Conducted workshop on Group Discussion and Interview Technique for M.Sc. students of college.

Publications: One research paper in peer reviewed journal.

One paper in an anthology.

Organization and Participation in Conference:

Organized a national seminar on Languages and Literatures of India

Presented a paper in the international conference on Literature and Protest at University of Mumbai on 22nd September.

Presented a paper at international conference at AURO university on 29th January 2019.

Invited talks:

Invited as a resource person at National

Conference on Theory and Practice of Contemporary Theatre on 21st September 2018.

Invited to speak on contemporary theatre at Refresher Course organized by University of Mumbai in December 2018.

Invited as chairperson at international conference by AURO University in January 2019.

Invited to be a member, Literary Club at Asiatic Society.

Department of Business Law

Research Publications

- 1) Research Publication in a journal notified on UGC Website along With H Index of Publications Right to Health in India: A Constitutional Perspective. Ajanta. Vol.VII, Issue-III Part-I July-Sept:2018. ISSN-2277-5730 3
- 2) Number of books and chapters in edited volumes/books published "Measures to Combat Harassment of Women at Workplace". P.244-

251. Book titled CONVERGENCE. 2019. ISBN: 978-93-88593-33-5 worked on the Editorial Board

Departmental Activities

- Guest lecture on "Insolvency and Bankruptcy Code 2016" by Ms. Veena Sivaramakrishnan, Partner, Shardul Amarchand Mangaldas.
- High Court Visit for S.Y.B.Com students on 8th February 2019

Department of Chemistry

Orientation Courses by the faculty: The following staff members successfully completed orientation courses:

Dr. Trupti Tawde and Dr. Rohit Singh Chauhan from 18th June to 14th July 2018 at the HRDC-Nainital, Kumaun University, Dr. Aniket Pawanoji from 21st May to 16th June 2018 at the HRDC-Patiala, Punjabi University, Dr Nanabhau Karanjue from 22nd November to 18th December 2018 at the HRDC-Burdwan, University of Burdwan, Dr. Dilip Yadav and Dr. Saurabh Shete from 1st February to 28th February 2019 at HRDC-Mumbai, University of Mumbai.

Refresher Courses done by the faculty: Dr. Chitra Kamath and Dr. Nishamol Kanat successfully completed the Online refresher course in chemistry for higher education faculty from 1ST November 2018 to 28thFebruary 2019 organised by Guru Tegh

Bahadur Khalsa College for Swayam.

Short Term Courses done by the faculty:

Dr. Yogesh Ghalsasi, Dr. Saurabh Shete and Dr. Trupti Tawde attended a Faculty development program on pharmaceutical Marketing management under aegis of PMMMMNMTT supported by MHRD from 6th February 2019 to 15th February 2019 at ICT Mumbai.

Teachers pursuing PhD : Mr. Saurabh Shete was awarded Ph.D degree by the University of Mumbai after successful completion of Viva on 5th December 2018. The title of his thesis was Studies in the generation of nanostructures through self assembly of peptides.

Placement record : The following students were placed in various industries after completion of their M.Sc. degrees in the year 2018-19:

Sr. No.	Name of the Student	Class / Year of passing	Name of the Company	Joining Date	Designation	Pay package
01	Sarthak Pawaskar	M.Sc 2018	Analytic solutions	16 th May 2018	Trainee Analyst	1.8L
02	Vikash Kumar	M.Sc 2018	Analytic solutions	16 th May 2018	Trainee Analyst	1.8L
03	Suryakant Nagar	M.Sc 2018	Analytic solutions	16 th May 2018	Trainee Analyst	1.8L
04	Mohini Agre	M.Sc 2018	Analytic solutions	16 th May 2018	Trainee Analyst	1.8L
05	Deepali Aher	M.Sc 2018	Analytic solutions	16 th May 2018	Trainee Analyst	1.8L
06	Shraddha Deshmukh	M.Sc 2018	Analytic solutions	16 th May 2018	Trainee Analyst	1.8L

Workshops / Conferences / Seminars/ Talks

1. Dr Chandana Basu attended a workshop on API system and New Amendments in the UGC act on 10th May 2018 at the B. K. Birla college Kalyan.
2. Mr. Jaidip Wable attended a workshop on Research Methodology on 11th August 2018 at SIES College.
3. Dr Chitra Kamath, Dr. Veena Khilnani and Nishamol Kanat attended a workshop on Flipped learning on 23rd April to 26th April and 10th and 11th May 2019 at the K.J.Somaiya College of science and Commerce.
4. Mr. Jaidip Wable attended a workshop on Avishkar research convention 2018 on 4th September 2018 at Tolani College.
5. Dr. bright Philip, Dr. Chitra Kamath and Dr. Nishamol Kanath attended a workshop on Research based Pedagogical tools on the 23rd-24th November 2018 at KJ Somaiya College of Science and Commerce.

Dr. Vanita Kulkarni attended a workshop on, "A quality initiative for student satisfaction survey- a mind map for stakeholders" on 23rd January 2019 at V G. Vaze College.

6. Dr. Sugandha Shetye attended a Conference on Sustainable practices in solid waste management in India on 1st February 2019 at SNDT Women's University Mumbai

Papers Presented at the Conference/Seminar

Dr. Yogesh Ghalsasi presented a paper entitled "Analytical method development and validation for

estimation of formoterol fumarate and mometasone furoate in metered dose inhalation form by high performance liquid chromatography" at the conference Recent trends in science held on 8th-9th March 2019 at JSM College in Alibaug.

Posters Presented at the Conference /Seminar

1. Dr. Vanita Kulkarni Presented A Poster In The Seminar Recent Trends in photonic, smart and nano materials held on 21st February 2019 at the B.K.Birla College of Arts, Science and Commerce. The title of her poster was "Investigation of Photoluminance properties of MSA capped CdTe/Se core shell nanoparticles using aqueous synthesis route"
2. The following staff members presented posters in the Avishkar Research convention 2018-19 on 17th December 2018 at the S. M. Shetty College of science, commerce and management studies Powai.
 - i) Dr. Chitra Kamath-Synthesis of novel molecules from lewis acid catalyzed reaction of camphene
 - ii) Mr. Jaidip wable-1. Bioplastic 2. Kiko-the edible water ball 3. Mosquito Repellent

Resource Persons

1. Dr. Nanabhau Karanjule was invited as a resource person for District level NET/SET guidance workshop on 13th march 2019 held at Arts, Commerce and Science College, Sonai.
2. Dr. Sugandha Shetye was invited as a resource person to deliver a talk on Carbon credits on 21st January 2019 at Mithibai College, Mumbai.
3. Dr. Sugandha Shetye was invited as a Chief

Guest 6th February 2019 at Sandesh College of Arts, Commerce and Science, Mumbai, where she delivered a talk on Historical ages with Science.

Research Students: PhD

Dr. Sapna kadam was awarded Ph.d degree by the University of Mumbai after successful completion of Viva voce. She was guided by Dr.

Pradnya Prabhu for her research work on “Synthesis and studies of thiazole and azetidinone derivatives of tetralone”.

Dr. Shailesh Ghag was awarded Ph.d degree by the University of Mumbai after successful completion of Viva voce held on 6th February 2019. He was guided by Dr. Chitra Kamath for his research work on “Synthesis, characterization and biological activity of heterocyclic compounds”

Papers published in research journals:

Name of the authors and co-authors	Title of the paper	Journal name, Vol.No; mm-yyyy; page nos	Impact factor	ISBN/ISSN/ Scopus / H-index	Peer reviewed / non-peer/ e journal	N/IN
Rohit Singh Chauhan, Dhvani Oza, Seema Yadav, Chandrakanta Dash, Alenxandra M.Z. Slawin, Neelam Shivran	Copper complexes of arylselenolate based ligands: synthesis and catalytic activity in azide alkyne cyclo-addition reaction.	New. J. Chem, 2019, 00, 1-8	3.2			IN
Rohit Singh Chauhan, Arvind Kumar, Pradnya Prabhu	Synthesis of Palladium tellurolate complexes derived from hemilabile tellurolate ligands and studies their reactivity as gas sensing materials	Inorganica chimica acta 407 (2019), 395-397	2.1			IN

Research projects: University of Mumbai sponsored:

Name of the teacher prime investigator	Title of the project	Amount received
Dr. Nishamol Kanat	Benzylation and benzoylation using pillared clays	30000/-
Dr. Jaidip Wable	Synthesis of organochalcogen compounds and study their reactivity towards d8 –d10 metal precursors	30000/-
Dr. Yogesh Ghalsasi	Development and Validation of novel High performance Liquid Chromatographic method for Anti Asthmatic drug formulations	30000/-
Dr. Trupti Tawde	Development of New Heterocycle based Chiral Phosphoric Acids and their applications	50000/-
Dr. Rohit Singh Chauhan	Te-C or Te-E (E = Se, Te) bond activation with platinum (0)	45000/-
Dr. Aniket Pawanoji	Synthesis, characterization and catalytic applications of metal sulphide, metal oxide chalcogenide nanoparticles	40000/-

Dr. Saurabh Shete	Synthesis and Self Assembly of Novel N-(Benzoyl Aminocarbonyl) dipeptide esters	40000/-
Dr. Nanabhau Karanjule	One pot, three component, region-and diastereo selective synthesis of trans-2,3-dihydrofuro[3,2-c] pyrans	30000/-
Dr. Afsar Ali Siddiki	Design, synthesis and antitubercular evaluation of New Chemical Entities (NCEs) using molecular hybridization technique based on diphenyl ether moiety.	35000/-

Awards achieved by Staff Members:

1. Mr. Jaidip Wable was awarded Smt. Sakarben K. Somaiya awards for the most promising teacher by Somaiya trust on The founders day held on 10th September 2018.
2. Dr. Sugandha Shetye was awarded Women Achiever award for ourstanding contribution in the field of pharma and its allied science at the 4th World summit on pharmaceuticals and drug design on 21-22nd Sept 2018.
3. Dr. Vanita Kulkarni was awarded 2nd prize for her poster entitled Investigation of PL properties of MSA capped CdTe/Se core shell nps using syn route presented at the conference held in birla College on 21st February 2019.

Seminars / Workshops / Conferences / Symposia / talks organized by the Department :

Title/Theme of the event organized	Workshop /Conference/ seminar / guest lecture / abhyasmahotsav	Date	Venue	Name of Resource person/Designation /Institute to which he/she belongs to
Chemistry and society	Guest lecture	27 th June 2018	Seminar hall, KJSSC	Dr. Ganesh Naik, Director and associate professor, college of saint mary Omaha, NEBRASKA, USA
Nanotechnology: Promises and challenges	Guest lecture	6 th July 2018	Seminar hall, KJSSC	Prof. Surekha Devi, Former, Head, Department of Chemistry, M. S. University, Baroda
Chemsketch	Workshop	23 rd July to 27 th July 2018	6 th floor, new engineering building	Dr. Afsar Ali Siddiki, Assistant Professor, Department of chemistry, KJSSC
Teacher camp in chemistry	Workshop	16 th August to 19 th August 2018	Homi Bhabha -centre for science education	
Safety in chemical laboratory	Workshop	30 th July to 4 th August 2018	Seminar hall, KJSSC	1] Dr. Dinesh Navale, Assistant professor, VES college

				2] Mr. D. G. Phondekar, Associate Professor, KJSSC
Counseling session	Guest lecture	June 2018	Seminar hall, KJSSC	Dr. Shirang Joshi
Learn from stalwarts	Lecture series	4 th Oct-5 th Oct 2018	Seminar hall, KJSSC	Dr. Chebrolu Pulla Rao, IIT Dr. Arun Venkatnathan, IESR, Pune Dr. M.S. Balakrishna, IIT Bombay Dr. R.K. Vatsa BARC Dr. Suvarn Kulkarni, IIT, Bombay
Workshop on spectroscopy	Guest lecture	25 th Feb 2019	Seminar hall, KJSSC	Dr. Ashok Borhade, HPT and RYK college, Nasik
Workshop on stereochemistry	Guest lecture	22 nd Feb 2019	Seminar hall, KJSSC	Dr. Mayur Desai, Gagate college, Ratnagiri
Contech 2018-19	Concept test in chemistry	2 nd Feb 2019	KJSSC	Association of Chemistry Teachers
IGCW Workshop on essential tools and guides for green for green chemistry and engineering education and research	Workshop	29-30 th Sept. 2018	KJSSC	Engineering auditorium, KJSSE

Details of Extension activities organized:

In order to create awareness in the society, the Department of Chemistry organised Food Adulteration Detection Workshop in various schools by S. Y. B. Sc. students. They emphasized on food safety, hygiene, adulteration by suggesting different techniques to detect adulterants in food. They prepared kits and posters with the help of teachers

and to show various ways by doing simple tests at home as well as lab. These experiments did not require expensive and easily available chemicals. All the chemicals used are safe to use at home as well. The students gave actual demonstration to school students and teachers. This drive was informative and was an enriching experience for students. After demonstration the food adulteration kits were distributed to school students.

Student support mechanism for coaching for competitive examinations (If any):

Sr. No.	Name of the Competitive exam	Name of the faculty In-charge	No. of students beneficiaries
1	NET/SET	Mr. Shrikant Billa, Dr. Dilip Kumar Yadav, Mr. Avinash Pardhi, Dr. Vanita Kulkarni, Dr. Mithun Mondal, Dr. Afsar Ali Siddiki, Dr. Nanabhau B. Karanjule	02
2	IIT JAM	Dr. Saurabh Shete, Mr. Sarang Gujar, Dr. Aniket Pawanoji, Mr. Shrikant Billa and Mr. Avinash	

Student's Activities : The following students participated in various activities

Sr. No.	Name of the student	Class	Name of the event	Date	Venue	Awards/ Prizes
1	Shubham Biswal	TYBSc	The 2018 study of the US institute on global environmental issues	27 th June to 1 st August 2018	Montana University	participated
2	Ms. Snehal Prakash Shinde Ms. Shabi Zehra Shaukat Ali Ms. Rutuja Bharat Thite		Teaching Personality & skill development programme	12/11/2018 To 29 Dec. 2018	Student of chembur childrens home, V.N. Purav Marg, Mumbai-400088	Participated
3	Mr. Patole Sahil Manoj		Avishkar Workshop	17/12/2018	S.M. Shetty College of Sci. & Comm. & Management Studies Powai, Mumbai	Participated (Kiko- the edible water ball in Pure science Category UG)
4	Ms. Rutuja Thite Ms. Zehra Shabi Shaukat Ali		Avishkar Workshop	17/12/2018	S.M. Shetty College of Sci. & Comm. & Management Studies Powai, Mumbai	Participated (Bioplastic & Mosquito repellent in Pure science Category UG)
5	Vidhi Patel Hrishikesh Kadam		Chem Enigma in Rasayanam 2019	18 th – 19 th Jan 2019	Dept. of Chemistry,	Participated

	Sakina Uzzainwala Resham Kartik Vinayak Pawa Sakib sheikh Blaze Mathias Sara Mullaii Shubham Biswal				ICT, Matunga	
6	Kalpna Niraja Rachana Cheryl Mascarenhas		Mega Mind in Rasayanam 2019	18 th – 19 th Jan 2019	Dept. of Chemistry, ICT, Matunga	Participated
7	Sarangi S. Patel Vaishnavi Raut Vaishnavi A. Raichure Bhakti Sathe Sahira Sayyed Jffat Sayyed Latisha Parab Kaneez Khan S. Rane Anish R. Thakkar Prathmesh Phadnik Shubham Biswal Saba Vaibhav Shah		Chem Shodh in Rasayanam 2019	18 th – 19 th Jan 2019	Dept. of Chemistry, ICT, Matunga	Participated
8	Sana Aftab Ansar Sriram Krishnamurthi Atharva Yeshwant Kulkarni Hardik K. Vasani		Maker mela for Bio-Design 2019	9 th Jan 2019	Somaiya Vidyavihar	Participated
9	Sana Aftab Ansari Hardik K. Vasani		Mega Mind in Rasayanam 2019	18 th – 19 th Jan 2019	Dept. of Chemistry, ICT, Matunga	1 st Prize

Activities organized by the students:

An Intercollegiate festival of Chemistry 'Rasayan' was organized by SYBSC and TYBSC students on 8th December 2018. Dr. Bright Philip and Dr. Yogesh Ghalsasi were in-charge of this activity.

Details of gender sensitization program:

A program on Gender sensitization was conducted in the KJSSC, Seminar hall by the Department of Chemistry on 23rd March 2019. Mrs. Ranjana Karoor, Ex-Counsellor, HVB academy, Mumbai was invited on this occasion to deliver a talk.

Industrial Visits:

1. Students of T.Y.B.Sc. (120) visited Bombay Rayon Textile Industry and Nipra packaging on 5th Jan 2019 accompanied by Dr. Bright O' Philip, Dr. Chitra Kamath, Dr. Veena Khilnani, Dr. Yogesh Ghalsasi, Dr. Dilip Kumar Yadav
2. Students of T.Y.B.Sc. (60) and MSCc. 70) visited Department of Forensic science, Mumbai, on 6th February 2019 accompanied by Dr. Vanita Kulkarni, Mr. Jaidip Wable, Dr. Amol Pawar, Dr. Afsar Ali Siddiki, Dr. Arvind Gajengi, Mr. Sarang Gujar.

Contribution of Staff members to various committees of College and Department :

Sr. No.	Name of the teacher	Committee	Role
1	Dr. Yogesh Ghalsasi, Dr. Trupti Tawde, Dr. Nanabhau Karanjule	Examination cell	Member
2	Dr. Aniket Pawanoji, Dr. Dilip Kumar Yadav, Mrs. Meenakshi Wagh	CAP	Member
3	Dr. Vanita Kulkarni	Unfair means	Member
4	Dr. Nanabhau Karanjule, Dr. Nishamol Kanat, Dr. Afsar Ali Siddiki	Cultural forum	Member
5	Mr. Jaidip Wable, Dr. Trupti Tawde	Information Cell	Member
6	Dr. Nishamol Kanat	Timetable committee	Member
7	Dr. Pradnya Prabhu, Dr. Chandana Basu	IQAC	Member
8	Dr. Aniket Pawanoji, Dr. Vanita Kulkarni (Convenor)	Feedback committee	Member
9	Dr. Nishamol Kanat (Convenor), Mr. Avinash Pardhi	Attendance committee	Member
10	Mr. Jaidip Wable, Dr. Chandana basu (Convenor), Dr. Rohit Singh Chauhan	Research promotion and development cell	Member
11	Mr. Saurabh Shete	Awards, students welfare, students council	Member
12	Dr. Chitra Kamath	Magazine	Member
13	Dr. Sugandha Shetye, Dr. Yogesh Ghalsasi, Dr. Rohit Singh Chauhan	International relations and industrial collaboration	Member
14	Dr. Amol Pawar, Mr. Saurabh Shete (Convenor), Mr. Sarang Gujar	DLLE	Member
15	Dr. Chitra Kamath (Convenor), Dr, Bright O Philip	Alumni	Member
16	Dr. Veena Khilnani	Library development committee	Member
17	Dr. Pradnya Prabhu	Purchase	Convenor
18	Dr. Mithun Mondal	Environmental awareness	Member
19	Dr. Bright O. Philip, Dr. Pradnya Prabhu (Convenor)	Internal complaint committee	Member
20	Dr. Nanabhau Karnajule, Mr. Avinash Pardhi, Dr. Amol Pawar	NET/SET/GATE coaching	Member
21	Dr. Veena Khilnani, Dr. Dilip Kumar Yadav	Tutor-mentor	Member
22	Mr. Sarang Gujar	Career guidance	Member

23	Mrs. Madhavi Kate, Dr. Sugandha Shetye	Curriculum design, remedial coaching, community services	Member
24	Dr. Mithun Mondal, Dr. Rohit Singh Chauhan, Mr. Jaidip Wable, Dr. Afsar Ali Siddiki	Innovation, incubation, entrepreneurship cell	Member

Development of Support Staff:

A workshop on maintenance of laboratory Instruments was organized on 13th -16th Feb 2019 in the college for the non-teaching staff members. Dr. Vanita Kulkarni was the convenor of this workshop. Mr. Hitesh Kadam, Mr. Sharad Ghaneksr, Mr. Prakash Devkar and Mr. Hemant Hatkar from the department of chemistry attended the same.

Activities and support from the Parent – Teacher Association:

Parents Meet for parents of students from S.Y.B.Sc and T.Y.B.Sc was held on 22nd September 2019 . Forty parents of students from S. Y.B.Sc and 42 parents of students from T.Y.B.Sc attended the meet. The issues discussed were about importance of attendance, internal marking, activities conducted for the benefit of students, etc.

Department of Commerce

Personality Enhancement via Self - Management Techniques Seminar on Personality enhancement via Self- Management techniques was an interactive session. Dr. Kasturi Naik, Speaker of the session highlighted various aspects of a person's personality. Students were enlightened with the various perspectives of appearing for an interview, etiquettes, manners, attire etc. emotional intelligence was highlighted and students understood the importance of emotional quotient. Anger management and stress management techniques were discussed with some yoga techniques for the same. The session ended with a question and answer session.

Department of Commerce COMMERCE CLUB Report on a visit to an Old Age Home On 17

th January 2019, 27 students of Commerce Club visited 'VRIDHDHALAYA', an old age home, at Mulund. Students distributed TILGUL and Flowers to all elderly people...and donated Sugar through their own contribution. Students spent nearly three hours there, sung songs, chitchat with them. Aim of taking students to old age home was to create social awareness and social obligation amongst them. The old age home is a charitable trust consisting 16 elderly people age 65 to 94, having separate buildings for male and female members. Students showed gratitude towards college for allowing them to visit to altogether different world and enriching them with a different experience.

Department of Economics

Department of Economics organized a Quiz Competition Date: 16.07.2018 Venue: Room no.203 Objective: To enhance the problem solving skills, knowledge about concepts in economics and general knowledge of students Number of participants: 18 (9 teams) The competition was conducted in two rounds. In the elimination round, a written test of objective questions was given all the teams. The best four teams were selected on the basis of their scores in this round. In the final round students were asked

questions orally. The questions were based on the knowledge of concepts in economics, current affairs etc. The following teams won the competition. 1st prize- Sis. Venita and team 2nd prize- Sis. Rajashree and team 3rd prize- Sis. Shruti Nikam and team

Department of Economics organized event: PPT Presentation Competition on 13.02.2019 in Seminar Hall, KJSSC To enhance the knowledge of current status of the Indian Economy, to make them read

about it, to improve presentation skills and stage confidence Number of participants: 15 Following were the topics:1. Role of Monopolistic Competition in today's market 2. Is India facing hyperinflation? 3. Position of Indian Rupee in foreign market The

students who won the prizes are as follows Best presentation- Sis.Sayli Kamble (FYBCom) Best Orator- Sis. Uma Mishra (FYBCom) Best PPT- Bro. Aniket Shinde and team (SYBCom).

Department of Geology

I. Seminar on Career in Geology and Geosciences Organised by The Department of Geology K. J. Somaiya College of science and Commerce :

The event entitled "Seminar on Career in Geology and Geosciences" was organised on 11th August 2018 from 12:00 p.m. onwards. Three eminent speakers from pioneer institutes of India were invited to deliver the talk. The speakers were

1. Mrs. Deepti Singh, Geologist, Oil And Natural Gas Corporation Limited, Mumbai , India
2. Miss Shilpi Gupta, Scientist B, Central Ground Water Board, Faridabad, Ministry of water resources, Government of India
3. Mis Priscilla Rinmuanpuii, Scientist B, Geological Survey of India, Aizawl Camp Office, Aizawl - 796001

The seminar was held with a view to impart the knowledge and awareness about the various career options which are available in the Geology subject. It was attended by the students as well as the parents of Undergraduate , Post graduate and Junior College , pursuing Geology. The seminar was well taken and received a huge response. The students enjoyed the interactive sessions and the parents also commended on the effort of the college. Mentioned it was a good workshop which made them aware of the future prospects for their children. The speakers shared about their experiences and focussed on the strategy of preparation of various competitive examinations. The students were immensely benefitted by their experience. It was a huge success.

II. Seminar on Ganga through its Ages Organised by The Department of Geology, K. J. Somaiya College of Science and Commerce

The seminar entitled "Ganga through its Ages" was organised on 8th of December, 2018 from 12:30

onwards in the Seminar Hall of the college. Retd. Air Vice Marshall A.K.Bhattacharya was the speaker for the special talk. The seminar was organised along with the annual festival of the Department of Geology. The seminar was attended by students of the geology departments as well as other departments along with professors from various departments of the college. The lecture focussed on the beautiful journey of the river Ganga. Mr. Bhattacharya, who has been working with several NGO's and monitoring the Ganga river and its hygiene shared his experiences with the students. He also explained the tragic Kedarnath flash floods and the reasons for such an enormous destruction. The students gained good knowledge of catastrophic event like floods and cloudbursts and the pollution that has hampered the Ganga river. Students were pleased with the seminar having viewed images shown by Mr. Bhattacharya dating back in 1990s till recent. All in all, it was a wonderful experience to all the attendees.

III. Special Lecture on Climate change with Indian and global context and evolution of Life Form Organised by Department of Geology KJSSC with Geological Society of India Western Chapter and Star DBT

Speaker : Dr. Jere Lipps Professor of Graduate School, University of California, Berkeley

Date : 22nd Jan 2019 (Tuesday) at 10:30 am

Venue : CRSGIS, 6th floor, Engineering Building (Bhaskaracharya), Somaiya Vidyavihar

The lecture titled "Climate Change with Indian and Global Context and Evolution of Life Form with Palaeontology context" was organised on 22nd January 2019 from 10:30 am to 3:30 pm. Prof. Dr. Jere Lipps, Professor of the Graduate School, University of California, Berkeley was invited for the special talk on climate change. The lecture was conducted in two sessions with the first one focussed

on the reasons of climate change and what has caused it so adversely while the second session was based on palaeontology and stratigraphy. Dr. Lipps explained the concept of climate change in terms of geology subject. He explained the various models and theories through which climate change has been studied. He explained the current research conducted in understanding the climate change phenomenon and also highlighted future research and career options in the field. The lecture was attended by around 50-60 students of undergraduate, postgraduate courses and junior college as well as students and geology professors from other universities. The lecture was concluded by doubts session where students solved all their queries with Dr. Lipps. The students were pleased to receive such in-depth knowledge about the topic. The special lecture boosted their confidence in the subject and provided ideas for future prospects.

IV. Workshop on Pathway to Industry 4.0 with Geo- Informatics and Spatial Analytics

Speakers:

1. Dr. T.P. Singh, Director, SIG, Pune
2. Dr. Vidya Patkar, Assistant Professor, SIG, Pune
3. Darshana Pathak, Assistant Professor, SIG, Pune
4. Dr. Binaya Kumar Pattnaik, Assistant Professor, SIG, Pune
5. Dr. Navendu Chaudhary, Associate Professor, SIG, Pune

Date: 5th Feb 2019 (Tuesday) at 11:00 am

Venue: CRSGIS, 6th floor, Engineering Building (Bhaskaracharya), Somaiya Vidyavihar.

A workshop was conducted by the eminent faculties of SIG, Pune. The talk was to enlighten students with respect to the avenues that are available in the field of GIS. It was conducted by 5 members from the Symbiosis school of Geoinformatics. A series of 4 lectures gave an insight about the extensive use of GIS in our daily lives in the form of applications on the cellphone, internet and even in the use of smart appliances at home. The increasing importance of GIS in studies concerning climate, urban expansion, sustainability, hazard mitigation and urban planning was discussed at length. The students were encouraged to learn about the various new interdisciplinary methods that use GIS and develop their own studies in such subjects.

V. Geology Fest “ONYX” conducted on 7th and 8th December 2018

Department Fest : The Geology department of KJ Somaiya College organized a geological fest called “ONYX” on 7th and 8th December 2018. This fest was aimed to make people aware about Geology and to have knowledge about fossils, landform and many other Geological formations. TYBsc students played a key role in making the preparations of the fest. The fest had exhibition and various games related to Geology on 7th December 2018. Around 70 people walked in for the exhibits and geology related games. The chief Exhibits were “Where on Earth”, “Squash”, “Minute to in It”, “Dice Quake”, “Treasure Hunt”, “PUBG”. As a continuation of the fest a talk on “Ganga through Ages: A pictorial Odyssey” by AVM A.K. Bhattacharyya (Retd.) was also organized.

Department of Computer Science & Information Technology

Python & R-software Workshop Date: 10 th & 11 th August, 2018.

Department of Statistics & Department of Computer Science conducted a two-day workshop on Python & R-software for all students and teachers from different disciplines. Around 42 participants involving students and faculty from different colleges and industry professionals attended the workshop. These participants were from different disciplines like Computer Science,

Mathematics, Geology, Engineering etc. The function was inaugurated by our respected principal Dr. Pradnya Prabhu. The workshop was conducted in the computer lab, 6 th floor, Engineering building.

Department of Information Technology & Computer Science Presents Friends Fiesta

Date: on 14th August 2018 at 10:30 am

Venue: Annex Building, 6 th floor, K.J. Somaiya College of Engineering. An event that celebrates the

spirit of friendship and help fresher's to create a bond, mingle with their new friends and seniors.

Also an initiative for fun, enjoyment, enthusiasm, collaboration and togetherness.

Department of Computer Science and Information Technology organized a Social Activity on 25th January 2019. Total No. of students participated 30, Total No. of staff 03 (Minal Dive,

Prajakta Kamble, Kirti Amberkar) School visited Gurukul School for Special Children, MG Road, Ghatkopar West Mumbai, Maharashtra 400086.

Activities Performed: Making of flags A small presentation on introduction of Current CM, PM, Indian Army, Air force etc. Patriotic songs Flag Hosting.

Department of Mathematics

The department organized the following activities in the year 2018-2019 :

- A talk was held on Applicable Mathematics and Soft Computing Techniques on 21st July, 2018, by Dr. Rajendra Deodhar, from DRDO Pune. He discussed the following points : Fuzzy Systems, Neural Networks, Evolutionary Algorithms , Meta- heuristics, Probabilistic Techniques. Then he explained how soft computing exploits the tolerance for imprecision, uncertainty, approximate reasoning and partial truth to achieve tractability, robustness, low solution cost and close resemblance with human like decision making.
- A talk was held on **Machine Learning and Mathematics on the 4th of August** 2018. The resource person was Mohammad Raish N. Sayyed, Consultant at Capgemini . He explained through various examples how mathematics is playing very important role in today's digital world. In his talk he discussed application of some branches of Mathematics such as Graph Theory, Cryptography, Linear Algebra, Combinatorics in machine learning.
- A Talk on Scope of Mathematics was held on 8th September, 2018 by Sripad Kulkarni, Sr. Executive, Data Science, Nielsen India, 194 participants attended. He started his talk by introducing data science and work of a data scientist. Then he explained why Mathematics is required for data science. After that he gave some applications of mathematics in machine learning. He gave applications of different branches of mathematics such as Algebraic topology, linear algebra, algebra etc. in industry. He concluded his talk by explaining why the

future of data science is mathematician's era.

- A 3 day workshop was held for students of various colleges on Complex Analysis. More than 70 students from various colleges attended the workshop. The workshop involved a series of lectures by Dr. Jyotshana Prajapat, University of Mumbai, Dr Hemasunder from SIWS College and Prof. Nimesh Punjani, Lala College followed by regular tutorials.
- JAM training sessions were conducted for students of T. Y. B.Sc. Students appeared for IIT JAM, Mumbai and one of them, Ankit Mishra was declared successful in the exam.
- On the 9th of March, 2019, Dr Parvathy Rangasamy the Head of department of Mathematics, Vellalar College, Erode enlightened students and teachers with her talk on Mathematical Modelling and Careers in Mathematics. She spoke on relating Mathematics to real life situations. She also spoke on Fuzzy sets and its applications in Image Processing. Following this , she had a discussion with Faculty of the Mathematics Department on the setting of the Mathematics Lab. She enlightened the department with various aspects of the maths lab in her college .

Student Activities :

- Two students Mansi Palekar and Santosh Misal of T. Y. B.Sc. attended a 10 day workshop on Foundations of Mathematics, at Bhaskaracharya Pratishthan. Pune in May 2018.
- Two students, Varsha Murugan and Annebreeze Joseph attended the Mini MTTS programme at Ratnam College, Bhandup in December, 2018.

The following were the activities of the faculty :

- Prof. Subhash Krishnam and Prof. Sudha Agrawal participated in the first level RBPT course conducted by COESME held at Jaipur in October, 2018.
- Prof. Reema Khanna attended a three week Advance Instructional School on 'Projective Modules' at ITT, Mumbai conducted by the National Centre for Mathematics in May 2018..

She attended the Inaugural Conference of the Mathematics Teachers Association conducted by HBCSE in January ,2019. She also participated in the second Level RBPT conducted by COESME held at IISER, Pune in January , 2019.

- Prof. Siddheshwar Bombale attended the induction programme at IISER, Pune in May 2018.

Department of Microbiology

Academic year 2018-2019 began with a general meeting of the department teaching staff members to design the time-table, allot the respective academic duties, plan and execute new innovative pedagogies based on teaching, learning and evaluation.

Department teaching staff members unanimously decided to implement the method of ICT based Plickers and Testmoz for Internal Assessment in the first term.

In the academic year 2018-2019, Department continued to receive the fund under DBT-STAR Scheme and accordingly different activities were undertaken.

Department takes pride to state that Ms. Suman Mhatre and Mr. Kartikey Mishra, from T.Y.B.Sc. Microbiology, after series of rounds of selection and scrutiny were crowned as Ms. Somaiya and Mr. Somaiya for the year 2018-2019.

Dr. Unnati Padalia (HOD), Associate Professor, Dean-Research and Consultancy, Ph.D. Guide.

Appointments:

- Dean-Research and Consultancy, K. J. Somaiya College of Science and Commerce, (KJSSC).
- Chairperson of BOS for S.Y.B.Sc. and M.Sc. Microbiology revised Autonomous syllabus, KJSSC.

Workshops / Conferences / Seminars/ Talks attended

- Seminar on Nanotechnology: Premises and

Challenges by Prof. Surekha Devi on 6th July, 2018, KJSSC.

- Seminar on Microbiome by Dr. Vikram Bohr on 11th August, 2018, KJSSC.
- Seminar on Course Outcome Programme on 17th December, 2018 K.J. Somaiya Engineering College.
- Workshop on Flow Cytometry on 2nd February, 2019, at SIRAC in association with Sathgen.
- Meeting on Applied Agriculture and Biobased Research and Biofuelson 11th September, 2018 at SIMSR.

Invited as Resource persons/Visiting faculty/ Judge:

- Invited to attend Board of Studies meeting at SIES College for the year 2018-19.
- Invited as a Panel member of Research Advisory Committee, SIES College, Sion.
- Chaired the Session on Seminars on contribution by Nobel Prize Winners 2018.
- Invited to chair the session at 7th Annual Molecular Pathologists Association of India, MPAAI, ACTREC, Kharghar.
- Have been the Governing Board Member, January 2019, KJSSC.
- Chaired the Research Scholars Meet, conducted on 18th April, 2019 at College level.

- Have been the Managing Committee Member for Mumbai Pradesh Arya Vidya Sabha, which encompasses 17 Gurukul Educational Institutions.

Papers published in Research journals:

Two research articles have been sent for Research Publication in International Journal.

Seminars/Workshops/Conferences/Symposia talks, Events organized:

Seminar on :

- Yoga- The way of life on International Day.
- Microbiome by Dr. Vikram Bohr, Senior Scientist, NIRRH
- Radiopharmaceuticals and its applications by Dr. Sangeeta Joshi, BRIT.
- Patents, Patent procedure and career opportunities in Patents Ms Mita Sheikh.
- Neurolinguistic healing by Dr P.D. Anthappan.

Currently have 2 students registered for Ph.D.

2 additional students have been selected for Ph.D.

Mrs. Hemlatta Chakraborty, Associate Professor.

Appointment:

Member of BOS for S.Y.B.Sc. and M.Sc. Microbiology revised Autonomous syllabus, KJSSC.

Workshops / Conferences / Seminars/ Talks attended:

Two- day workshop on RBPT conducted during 23rd November, 2018- 24th November, 2018 at KJSSC.

Seminars/Workshops/Conferences/Symposia/ talks, Events organized:

Convener for state level Annual Microbiology event MICROSCOPE-2018.

Accompanied students to:

Institutes like IIT, Powai, visit to Veterinary College.

Dr. Lolly Jain, Associate Professor, Vice-Principal and Ph.D. Guide.

Appointments:

- Vice-Chancellor’s nominee on Board of Studies in Microbiology at University of Mumbai.
- Vice-Chancellor’s nominee on Board of Studies in Microbiology at SIES College, Sion (Autonomous).
- Vice-Chancellor’s nominee on Board of Studies in Microbiology at Patkar Varde College, Vile Parle(Autonomous).
- Member Secretary, Academic Council, KJSSC.
- Vice-Principal, KJSSC.
- Member of BOS for S.Y.B.Sc. and M.Sc. Microbiology revised Autonomous syllabus, KJSSC.
- IQAC Co-ordinator, KJSSC

Workshops / Conferences / Seminars/ Talks attended:

- Train the Trainer National Workshop on ‘Flipped Learning’ from 23rd April, 2018 to 26th April, 2018 at KJSSC.
- G-Suite Workshop Training on 8th May, 2018 at K.J.SIMSR.
- 4th Amendment –CAS-New Guidelines on 23rd June, 2018 at R.J. College, Ghatkopar.
- New API as per UGC Guidelines on 6th July, 2018 at N.G.Bedekar College, Thane.
- Nanotechnology: Promises and Challenges by Prof. Surekha Devi on 6th July, 2018, at KJSSC.
- PBAS, API, Online Process of CAS (as per New Amendments in the UGC act) and Affiliation and Continuation of Courses (Online Process) on 25th July, 2018 at Mithibai College, Vile Parle.
- Talk on Microbiome by Dr. Vikram Bohr on 11th August, 2018 at KJSSC.
- Teachers day Celebration: Dr. M.A. Kurup on 05th September, 2018 at KJSSC.
- How to be Successful anytime, everywhere? by Dr. C.P. Girishankar on 10th August, 2018, at KJSSC.

- CAS and New API Amendments on 25th September, 2018 at KJSSC.
- PTA Meeting Session by Dr. Rajesh Kamath, Consultant, Chanakya Enterprises on 22nd September, 2018 at KJSSC.
- Fermenter demonstration on 31st July, 2018 at Department of Microbiology, KJSSC.
- API System and New Amendments in the UGC act on 10th May, 2018 at B.K.Birla College, Kalyan.
- RBPT Writers National Workshop for STEM Teachers from 20th January, 2019 to 23rd January, 2019 at IISER, Pune.
- A Quality Initiative for Student Satisfaction Survey- A mind map for stakeholders on 9th February, 2019 at Lala Lajpat Rai College of Commerce and Economics.

Invited as Resource persons/Visiting faculty/Judge:

- Demonstration of Plickers as an ICT tool for Internal Assessment from 25th June, 2018 to 3rd July, 2018 at KJSSC.
- Workshop on 'Flipped Learning' on 9th May, 2018 at K.J.Somaiya College of Arts and Commerce.
- Workshop on 'Teaching, Learning and Evaluation' for Faculty of Electronics and Electronic Telecommunication on 11th July, 2018 at K.J.Somaiya College of Engineering.
- Workshop on 'Teaching, Learning and Evaluation' for Faculty of Computer Science and IT on 12th July, 2018 at K.J.Somaiya College of Engineering.
- Workshop on 'Teaching, Learning and Evaluation' for Faculty of Mechanical and HSS on 13th July, 2018 at K.J. Somaiya College of Engineering.
- Judge at Dr. Dhalla's Felicitation Fund: Poster Competition for M.Sc Category on 8th September, 2018 at Bhavan's College, Andheri.
- Workshop on "Research Based Pedagogical Tools" from 28th September, 2018 to 29th

September, 2018 at NES Ratnam College, Bhandup.

- Final Semester Project Evaluation of B.Tech (Biotechnology) on 3rd May, 2018 at School of Bioinformatics, D.Y. Patil University.
- Paper Setter at School of Bioinformatics, D.Y. Patil University on 6th October, 2018.
- Induction Programme (F.Y.B.Sc E Division and F.Y.B.Com) on 13th August, 2018 at KJSSC.
- Talk on Time Management on 15th June, 2018 at Terapanth Sabhabhavan, Ghatkopar.
- Workshop on RBPT on 23rd November, 2018 and 24th November, 2018 at KJSSC with Dr. Jitendra Pendharkar and Dr. Roshan D'Souza.
- Paper Setter for M.Sc. II Sem III Microbiology on 27th September, 2018 at KBP College, Vashi.
- Paper Setter for PET 2018 at University of Mumbai

Research Paper presentation:

- (Oral presentation) entitled: 'Comparative Screening of Different Mineral Salt Media for Biosurfactant production by Halophilic organisms' authored by Shabib Khan, Lolly Jain at BIOFACET, National conference conducted during 15th February-16th February, 2019 at Patkar-Varde College, Goregaon, Mumbai.

Research Papers publication in Research journals:

- 'Production of Bioflavour using immobilized Lipase from *Bacillus megaterium*' by Pratik Ghag and Lolly Jain in International Journal of Pharmacy and Biological Sciences, Vol. 8, Issue 2, June 2018, 647-659, ISSN: 2321-3272(Print) ISSN: 2230-7605 (Online), Peer Reviewed UGC Approved UGC JOURNAL NO:46322.
- 'Isolation of trinitrophenol (TNP) degraders and its application in bioremediation' by Poorvi Gujjar and Lolly Jain, in International Journal of Pharmacy and Biological Sciences, Vol. 8, Issue 3, Sep 2018, 223-227, ISSN: 2321-3272(Print), ISSN: 2230-7605 (Online) Peer Reviewed UGC Approved UGC JOURNAL NO:46322.

- ‘Comparative Screening of Different Mineral Salt Media for Biosurfactant production by Halophilic organisms’ by Shabib Khan and Lolly Jain, in Journal of Emerging Technologies and Innovative Research, Peer-reviewed, International Research Journal, ISSN: 2349-5162, Impact factor 5.87, UGC approved Journal number 63975.

Seminars/Workshops/Conferences/Symposia/talks organized:

- Enriching Expressions: Talk on Epigenetics: its role in physiology and disease on 30th August 2018, by Mr. Ramchandra Amnekar
- Workshop on Lyophilizer on 8th February, 2019 and 15th February, 2019 for F.Y.B.Sc and M.Sc Part I students with Dr. Rashmi Thakur.
- Workshop on RBPT on 23rd November, 2018 and 24th November, 2018 at KJSSC.
- Workshop on Foldscope on 11th and 14th February, 2019 at KJSSC by Dr. Anupma Harshal.
- 18th State level Microbiolympiad on 9th January, 2019 at KJSSC.

Accompanied students to:

- BSEB Dept, IIT Powai (M.Sc I students).

Dr. Soniya Shetty, Assistant Professor.

Dr. Soniya Shetty was awarded Ph.D. in Microbiology from the University of Mumbai in December 2018, for her thesis entitled ‘Anaerobic retting of coconut fibres to produce textile grade fibres’.

Appointment:

Member of BOS for S.Y.B.Sc. and M.Sc. Microbiology revised Autonomous syllabus, KJSSC.

Workshops / Conferences / Seminars/ Talks attended:

- Two-day workshop on RBPT, ‘Research based pedagogical tools’ during 23rd November, 2018-24th November, 2018, at KJSSC and successfully implemented the same for projects undertaken by T.Y.B.Sc. students as a part of their curriculum.

- Seminar on Teachers Day Celebration by Dr. MR Kurup on 5th September, 2018.
- Seminar on How To Be Successful anytime, everywhere? by Dr. C.P. Girishankar on 10th August, 2018 at KJSSC.
- Workshop on ‘Geneticus Investigatio’ organised by the Department of Biotechnology on 21st February, 2019, under the DBT Star Scheme.
- Workshop on CAS organised by the IQAC of the College.
- Underwent a training on Camag HPTLC system at Anchrom HPTLC Applications Research Laboratory on 5th January, 2019.

Invited as Resource persons/Visiting faculty/Judge:

Worked as a Judge for the Essay Competition conducted on 28th February, 2019.

Paper presented:

Attended and presented a paper entitled ‘Biosorption of methylene blue from aqueous solutions’ at the National Conference on Nanotechnology Research in Industry and colleges organised by Karmaveer Bhaurao College, Vashi on the 25th of February, 2019.

Minor Research Project:

Was sanctioned a research grant for a Minor Research Project on ‘Optimization and Pilot scale trials of microbial enzyme production for degumming of raw silk’ from the University of Mumbai for the year 2018-19.

Seminars/Workshops/Conferences/Symposia/talks, Events organized:

- Organized a two day DBT Star Scheme sponsored workshop on ‘Biostatistics-Insilico’ for 35 students of T.Y.B.Sc. on 1st and 2nd August, 2018.
- Organized an Essay Competition for students of all departments of the college as a part of National Science Day celebrations in the College.

Refresher, Orientation, Induction Courses/ short term Courses etc.:

Successfully completed a short term course on 'Encapsulating Gender' conducted by UGC-HRDC, University of Mumbai from 14th to 20th November, 2019 at Sophia College, Mumbai.

Accompanied students to:

- Z-BAC Adventure training institute: Organized a two-day Soft skill training and adventure camp and accompanied students of T.Y.B.Sc. and M.Sc. to Z-BAC, Kolad on 17th- and 18th February, 2019.
- Directorate of Forensic Science Laboratories, Kalina.

Mr. Shabib Khan, Assistant Professor.

Appointments:

- Member of BOS for S.Y.B.Sc. and M.Sc. Microbiology revised Autonomous syllabus.
- Co-ordinator Member Secretary, UGC-CPE Advisory Committee, KJSSC.
- In-charge (along with Dr. Abhishek Mane-Dept. of Biotechnology) of the Fermenter instrument installed in Microbiology department.
- Re-appointed as a Mentor for a 1 week course on Basic Techniques in Microbiology, offered by the Department, for students from Honour's Course.

Workshops / Conferences / Seminars/ Talks attended:

- Workshop (Face to face Session)at National level on "Train the Trainer on Flipped Learning" conducted during 23rd April-26th April, 2018 at K.J.Somaiya College of Science and Commerce.
- Workshop (as a part of Course-work for on-going Ph.D. work) on Introduction to R software conducted during 27th July, 2018-28th July, 2018 at Thakur College of Science and Commerce, Kandivali, Mumbai.
- Workshop (as a part of Course-work for on-going Ph.D. work) on Research Methodology

conducted on 11th August, 2018 at SIES College of Commerce and Economics, Sion Mumbai.

- Workshop (as a part of Course-work for on-going Ph.D. work) on Thesis writing and e-content creation conducted on 25th August, 2018 at SIES College of Commerce and Economics, Sion Mumbai.
- Workshop (Online Session) on "Train the Trainer on Flipped Learning" conducted on 10th May, 2018.
- Workshop (as a part of Course-work for on-going Ph.D. work) on Chromatography conducted during 26th December 2018-31st December, 2018 at GNIRD Guru Nanak Khalsa College, Matunga, Mumbai.

Invited as Resource persons/Visiting faculty/ Judge:

- Invited for an Introductory Session on "e-Resources for Enhancement of Research" for post-graduate and under-graduate students, conducted by the Library Development Committee on 4th February, 2019.
- Demonstration of Plickers as an ICT tool for Internal Assessment during 25th June-3rd July, 2018 at K.J.Somaiya College of Science and Commerce.

Research Papers presentation:

- Presented a Research Paper (Oral presentation) entitled: 'Comparative Screening of Different Mineral Salt Media for Biosurfactant production by Halophilic organisms' authored by Shabib Khan, Lolly Jain at BIOFACET, National conference conducted during 15th February-16th February, 2019 at Patkar-Varde College, Goregaon, Mumbai.
- Presented a Research Paper (Oral presentation) entitled: 'Synergistic Approach of ICT and Innovative Assessment for Enhancement in Teaching-Learning Process' authored by Shabib Khan at a NAAC sponsored National Seminar NNPAAC 2019 conducted during 2nd March 2019-3rd March 2019, at Dr. Ambedkar College, Deekshabhoomi, Nagpur.

Research Papers publication in Research journals:

- Paper entitled: 'Synergistic Approach of ICT and Innovative Assessment for Enhancement in Teaching-Learning Process' authored by Shabib Khan in Research Chronicler, Peer-reviewed, International Multidisciplinary Research Journal, Impact factor-0.909, eISSN:2347-503X, pISSN: 2347-5021, Vol VII, Special Issue II, March 2019 page number 126-130, UGC approved Journal number 41311.
- Paper entitled: 'Comparative Screening of Different Mineral Salt Media for Biosurfactant production by Halophilic organisms' authored by Shabib Khan, Lolly Jain, in Journal of Emerging Technologies and Innovative Research, Peer-reviewed, International Research Journal, ISSN: 2349-5162, Impact factor 5.87, UGC approved Journal number 63975.

Seminars/Workshops/Conferences/Symposia/talks, Events organized:

Worked as Co-organizer of an Essay Competition conducted on National Science Day, 28th February, 2019 for under-graduate and post-graduate students.

Refresher, Orientation, Induction Courses, etc.:

- Successfully completed 26 days Induction programme under MHRD Scheme during 1st May-2018-26th May 2018, at CoESME, IISER Pune.
- Successfully completed Refresher Course in Biology Core with the theme Advances in Modern Biology during 5th September 2018-25th September 2018, at UGC HRDC, DAVV, Indore.
- Successfully completed two Courses- 8 weeks each (Introduction to Research and Introduction to Biostatistics) offered by NPTEL, Swayam portal during August 2018-October 2018.

Accompanied students to:

- Ankur Theme Park, Enviro-vigil, Kalwa: Organized a visit and accompanied S.Y.B.Sc. students to Ankur Theme Park, Enviro-vigil,

Kalwa Thane on 5th January, 2019.

- Z-BAC Adventure Training Institute, Kolad: Co-organized a visit of S.Y.B.Sc. and T.Y.B.Sc. students and accompanied them to Z-BAC Adventure Training Institute, Kolad, for a two-day Soft-skill training and Adventure Camp on 17th and 18th February, 2019.

Dr. Rashmi Thakur, Assistant Professor.

Appointment:

Member of BOS for S.Y.B.Sc. and M.Sc. Microbiology revised Autonomous syllabus.

Workshops / Conferences / Seminars/ Talks attended:

- Talk on Microbiome by Dr. Vikram Bohr on 11th August, 2018 at KJSSC.
- Fermenter demonstration on 31st July, 2018 at Department of Microbiology, KJSSC.

Invited as Resource persons/Visiting faculty/Judge:

Demonstration of Plickers as an ICT tool for Internal Assessment from 25th June, 2018 to 3rd July, 2018 at KJSSC.

Seminars/Workshops/Conferences/Symposia/talks, Events organized:

- Co-Convener for state level Annual Microbiology event MICROSCOPE-2018.
- Workshop on Lyophilizer on 8th February, 2019 and 15th February, 2019 for F.Y.B.Sc. and M.Sc. Part I students with Dr. Lolly Jain.

Accompanied students to:

Institutes like IIT, Powai, Forensic research lab, Kalina; Anchrom, Mulund.

Dr. Seema Sambrani, Assistant Professor.

Appointments:

- Member of BOS for S.Y.B.Sc. and M.Sc. Microbiology revised Autonomous syllabus.
- Member of the College Research Committee and the International Relations and Industry collaboration and Linkages Committee in the academic year 2018-19.

Workshops / Conferences / Seminars/ Talks attended:

- Seminar on Microbiome by Dr. Vikram Bohr on 11th August, 2018 at KJSSC.
- Attended the two-day workshop on Research Based Pedagogical Tools organized by IQAC in association with MHRD and IISER, Pune at K.J. Somaiya College on 23rd and 24th November 2018.
- Teachers day Celebration: Dr. M.A. Kurup on 5th September, 2018 at KJSSC.
- Expert talk by Dr. Barthwick from Glasgow University on Global food crisis-How Secure is your food? on 7th March, 2019,KJSSC.
- Participated in the Faculty Development Programme on Intellectual Property Rights and Extension Education jointly organized by DLLE at B.L. Amlani College of Commerce and Economics, Mumbai on 29th March, 2019.
- Seminar, Guidance Session for international studies by Dr. Satyendra Upadhyay, Director, International, SVV, Overseas Opportunities on 23rd July, 2018, KJSSC.
- Seminar by Dr. Giovanna Grassi, University of Bresica, Italy, on Climate change and water Resources, KJSSC on 6th October, 2018, KJSSC.
- Lecture by Sir. Philip Cohen, University of Dundee on The Interplay between protein phosphorylation and ubiquitilation in regulating the immune system on 11th February, 2019, KJSSC.

Invited as Resource persons/Visiting faculty/ Judge:

- Invited by KBP College, Vashi to conduct a One Day Workshop on Intellectual Property Rights on 12th February, 2019.
- Invited as a resource person at the National conference on Integration in Biological data for translation of Science organized by Department of Microbiology, Vidyapratishthan, Baramati, in collaboration with Savitribai Phule Pune University, Pune and Microbiologists Society, India from 22nd to 23rd February, 2019.

- Was the external examiner for M.Sc. Microbiology Practical exams at SIES College of Arts Science and Commerce, Sion and at Ramnarain Ruia College, Matunga.
- Was in-charge of the annual departmental activity NEBULA.

Paper presentation:

Presented a paper entitled ' Quantum dots based detection of DNA transformation' at a National Conference on Integration of Biological data for translation of Science on 22nd February, 2019 and 23rd February, 2019 at Vidyapratishthan College of Science and Commerce, Baramati.

Papers published in research journals:

- Girija Verma and Seema Sambrani, May 2018, International Journal of Scientific Research and Development, *Isolation of Organic Solvent Tolerant Bacteria Producing Amylase and Characterization of Its Amylase Activity*, Volume 4 Issue 5 , ISSN [ONLINE]: 2395-1052, (UGC APPROVED Journal)
- Neeraja Kolhatkar and Dr. Seema Sambrani, June 2018, *Isolation and Identification of Agar Degrading Bacteria from Marine Environment* . IOSR Journal of Pharmacy and Biological Sciences. (e-ISSN:2278-3008, p-ISSN:2319-7676. Volume 13, Issue 3 Vol . III, (UGC APPROVED Journal)

Three bacteria deposited in NCMR Culture collection Centre, Pune.

Seminars/Workshops/Conferences/Symposia/ talks, Events organized:

- Organised Bioinformatics workshop for T.Y.B.Sc. and M.Sc. semester III students with hands on training in July, 2018.
- Organised hands on training for Chick embryo inoculation at the Bombay Veterinary College, Mumbai for T.Y.B.Sc. and M.Sc. Semester 3 students in August 2018.
- Organised visit to Somaiya common facility centre for demonstration of GC and HPLC chromatographic techniques in October 2018.

- Placed two students for internship at National Centre for Microbial Research, Pune.
- Conducted Extempore competition for the UG and PG students in memory of my grandmother for the third consecutive year. and sponsored prizes worth Rs.7000/-

New Appointments (Teaching staff):

Ms. Versha Peghwal and Ms. Nikki Dutt joined the department in the Academic year 2018-2019.

Department of Nutraceuticals

Department of Nutraceuticals organized various activities throughout the year:

Parent teacher Meeting was organized by Department of **Nutraceuticals** for the MSc Part I & MSc part II students, on **12 th September 2018**, 6 th floor of K.J.Somaiya Engineering College. 38 students were present out of 40 along with their parents. The meeting started with discussion on Autonomy, its benefits, its norms. A brief introduction of faculties was given. Parents were informed about Syllabus change, evaluation pattern for MSc. Part I from year 2018 and Students has to undertake 6 month project work in industry or in department. Issue of Attendance was in depth discussed in the meeting.

Alumni interaction was organized on 27/08/2018 at 6th floor, Nutra Laboratory Ms. Jinal KaratriyaNutra Alumni currently working as Nutritionist at Gold Gym addressed the students regarding approach towards study and project work. 20 students of M.Sc Part II attended the interaction.

Expert talk of Ms.Fatima Kader was organized on **Myths and Facts of Food and Nutrition** on 28/02/2019 at 6th floor, Nutraceutical Laboratory. 03 Faculties and 37 students attended session. Departmental fest-**Nutricus**- was organized on 27/02/2019 comprising of various events –Quiz, Play your Luck, Black taboo, Puzzle. Student arranged healthy food product exhibition.

Extension activities organized: Talk by Dr VeenaSalvi at Ghatkopar Police colony to create awareness on pulses and its importance in diet. Article by Dr VeenaSalvi on **Nutropics -It's all in the Mind** was published in Hindustan Times on 01-10-2018. Article by Ms.PurvaMedhi on **Curcumin: Ancient Spice validated by Science** was published in Ingredients –South Asia on 16-02-2019

Students participated in various inter and intra college events:

M.Sc. I10 Students participated in Workshop on Isolation of natural products on 11/09/2018 by Birla College, Kalyan. M.Sc. II 5 Students participated in **IUFoST**, organized from 23/10/18 to 28/10/2018 at Vashi, Navi Mumbai. M.Sc. I and II 40 Students participated in one day **AMUL–MILK Day** organized by Department of Nutraceuticals with AMUL at KJSSC. Aditi K. and Vitragi W. received 1st Prize and Pramila S. and Nisha P. received 2nd Prize. M.Sc. I Students participated in **Convergence** 09/01/19 to 10/01/19 at KJSSC 1st Prize in Treasure Hunt, 2nd Prize in Plastic Rangoli, Quick five house-Housie. M.Sc.I Students participated in **Vruksham** 09/01/19 KJSSC received 3rd Prize in Flip and fit. M.Sc. II and M.Sc. I Students participated in Maker Mela 17/01/19-19/01/19. M.Sc. I Students participated in Workshop on Chase your dreams 08/03/19 organized by KJSSC. 40students, M.Sc. I and II visited **ISKON Kitchen** on 30/10/2018

Faculties participated in various faculty improvement programs

Dr. Veena Salvi

- Resource person for Hindustan Times Article; “It’s all in the mind” based on Nootropics
- Invited as Panellist at a Seminar on “Need for Health Supplements & Nutraceuticals in Nutrition Practice – A New Approach,” organized by Indian Dietetics Association – Mumbai Chapter and HADSA.

Ms. Purva Medhi

- Invited as Speaker and Chair for Scientific Session at International Conference IUFOST, 2018

- Won Oral Presentation Award at International Conference IUFOST, 2018
- Published article in Saffron Media –Food and Beverages, - “Curcumin”
- Invited as subject expert at G. N. Khalsa College.
- Invited as an expert for Column chromatography for 6days workshop on Chromatography, at G.N.I.R.D., G.N. Khalsa College.
- Qualified PET Bio analytical Sciences Exam 2018
- Participated in two day workshop on “ Research Based Pedagogical Tools organized by KJSSC in Collaboration with IISER Pune
- Participated in Design thinking workshop at riidl, Somaiya Vidyavihar

Ms. Tejal Bowlekar

- Participated in Self development in he context of spirituality-A Practical Approach

- Participated and presented an SSR model at national conference “Students Satisfaction Survey as a Quality Practice”
- Participated in two day workshop on “ Research Based Pedagogical Tools organized by KJSSC in Collaboration with IISER Pune
- Qualified PET Life sciences Exam 2018
- Hands on Training for Analysis of Food Bioactives organised by Food Eng. & Tech Dep. ICT

Consultations Provided By Department:

- ISKCON – Mid Day Meal (Third Party Certification)
- Ghee Analysis (KJSEC)
- Dehydrated plant material (Nareshwadi)
- Nutritional Analysis (SAHAS)
- Nutritional Analysis (SVV-MSU)

Department of Physics

The following activities were organised by the department

- Inter-collegiate workshop on “Maintenance of laboratory equipment” for lab supporting staff in collaboration with Dept of chemistry and Western Regional Instrumentation centre (WRIC), University of Mumbai
- Educational Visit :Geomagnetic Observatory, Alibaug : Bhabha Atomic Research Centre
- Invited Talk 1: “LASER, Butterfly effect and secure communication” By Dr. D. J. Biswas, Former Senior Scientist, Raja Rammana Fellow, Bhabha Atomic Research Center
- Invited Talk 2: “Development and significance of the periodic table” by Prof. C. Agaslar, (retd) Former. Senior scientist from HBCSE
- “Emerging trends in 4G technology “ by Mr. Somya Mishra, Reliance Digital

- Workshop “Introduction to Micorprocessor and C++” for T.Y.B.Sc. Students.
- Inter-collegiate Fest “Fizika”
- “The Light Show” - Exhibition of Light based experimental demonstrations for school and college students
- Night sky gazing at Patil Farm, Asangon.
- Exhibition of projects made by T.Y.B.Sc. (13) under Star DBT Scheme.

Achievement of students:

- All PG Semester IV students successfully placed for internship at reputed research institutes and industries.
- Two of our M.Sc. -I students are selected for summer project at Nuclear Physics Division- BARC to carry out project during MAY- June 2019.

- T.Y. B.Sc. Student Parmeshwar Singh secured place among national level top 1% students in NGPE Exam, while other 6 students are among top 10% students nationwide.
- F.Y.B.Sc. Student Mr. Sameer Sethi is selected for summer School at IIT- Bhubaneswar.
- Two of F.Y.B.Sc students won 2nd prize in intercollegiate quiz competition During FIZZICS-2019 organized by R.D. National College.
- 12 students had actively participated in VIDNYAN VARI 2018-19 organized by Marathi VigyanParishad, Mumbai for teaching school kids during the month of August to December in 20 schools on weekends or during vacation.

Awards secured by faculty members:

1. Dr. Jitendra Pendharkar,: 3rd Prize for State level kavyasangrah
2. Dr. Geeta Nair: Consolation Prize in National Level Essay Competition
3. Dr. PallaviRaote : 2nd Prize : Best poster in “National conference in Recent trends in Photonic, Smart and nanomaterials”

Following Teachers attended Refresher course in academic year 2018-19

Ms. Ranjana Shukl

Mr. Amit More

Dr. Pallavi Raote

Following teachers were selected and attended (STEM Teacher training workshop on Research - based Pedagogical Tools” at National level :

Dr. Meena Sharma (Level 1)

Dr. Geeta Nair (Level 2)

Mr. A. M. Shaker (Level -1)

Dr. Jitendra Pendharkar (Level 3)

Ms. Smita Survase (Level 1 & 2)

Following teachers are attended “One day workshop on Moodle for teachers and system administrators” From IIT-B at remote center KJSCE

Ms. Rajana Shukl

Dr. Meena Sharma

Dr. Deepak More

Dr. Geeta Nair

Ms. Smita Survase

Dr. Pallavi Raote

Mr. Ketankumar Gayakwad

Dr. Rucha Naik

Dr. Shruti Barve

Other Workshop and Seminars attended by faculty members are as follows:

Dr. Meena Sharma (Laser Holography and application and lecture on sculpting light)

Dr. Deepak More (workshops of NPTEL courses at IIT-B.) presently he is NPTEL center coordinator of K. J. Somaiya College of Sci and Comm.)

Dr. Geeta Nair (AICTE/ISTE sponsored one week induction/ refresher program “Inclusion of Nanotechnology in Various commercial arena”)

Dr. Jitendra Pendharkar : (National workshop on Open Education resources in Higher Education (Under PMMMNMTT)

Ms. Smita Survase : (“India International Science Festival-2018”)

Mr. Amit More – Represented college at Orientation of participating institutes to initiate works in Adopted villages clusters (Unnat Bharat Abhiya 2.0)

Paper Publication :

Smita Survase, I Sulaniab, H. Narayanc, P. Dhangdaa, M.Thakurdesaia “Swift Heavy Ion induced interface mixing in a Te/Cd/Tetrlayer thin film system” , *Materials Today: Proceedings*, Volume 9, Part 2, 2019, Pages 450-457

Paper and Poster presentation:

Mr. A. M. Shaker’s paper “What are experimental Skills? A study with in service teachers” was presented by co-author at Conference on Physics Education University of Witwatersrand, Johannesburg, South Africa

Ms. Smita Survase presented paper “Thermal and athermal annealing of Te/Cd/TeTrilayer: A comparative study” in DAE solid State Physics Symposium, organized at Guru Jambheshwar University of Science and Technology, Hisar, Haryana.

Mr. Amit More’s paper s paper “Thermal Study of PMMA- Li-NO2” was presented by co-author in ICAMS-2018 at RajeRamraoMahavidylay, Jath, Sangali.

Dr. Pallavi Raote (Physics) along with Dr. Vanita Kulakarni (Physics) presented poster “Investigation of Photo-lumiance properties of MSA capped CdTe/ Se core shell nanoparticles using aqueous synthesis route” National conference in Recent trends in Photonic ,Smart and nanomaterials, Birla College, Kalayan and won 2nd Best Poster award in the conference.

Dr. Rucha Naik presented paper “Students satisfaction survey as a quality Practice” in a National conference on at Vaze college of Arts, Science and Commerce, Mulund.

Dr. Shruti Barve presented paper “Inclusive Philosophy: solution for discrimination” in conference on Equality and inclusion at Guru nanak college of Arts, Science and Commerce.

Dr. Shruti Barve presented also presented paper on “holistic Approach for Sustainable development” in a national conference at M. H. National College.

Resource Persons/Visiting Faculty/ Judges Etc:

Dr. Meena Sharma : • Resource person at “26th National Children Science Congress” Bhubaneshwar.

Dr. Deepak More : • Subject expert for “CAS Interview for stage 1 to 2” at St. Xavier’s college.

• Resource person at “INSPIRE”

• Conducted workshop for “Superposition of wave using Octave (Under Star -DBT Scheme)” at R. J. College

Ms. Smita Survase : Judge for exhibition at Rayat Shikshan Science Conference [Vashi]

Dr. Jitendra Pendharkar : • Invited special observer and Volunteer, STEM Teacher training workshop on Research Based pedagogical tools (level 1) at Kolakatta, West Bengal

• Conducted RBPT workshop at various colleges in Mumbai

Ms. Smita Survase, Dr. Pallavi Raote and Dr. Rucha Naik : • Resource persons (twice) at West Region Instruments Centre, University of Mumbai.

Department of Sanskrit

In the academic year 2018-19, the Sanskrit department of K.J. Somaiya College of Science and Commerce conducted various competitions like essay writing, story reading and stotra recitation. Many students participated in all the competitions and secured ranks. In the same year, department also conducted special activity lecture . It was attened by our ex vice principal DR. Shailaja Menon madam. Students were present in large number and answered

all the questions correctly. In that lecture they had to rearrange the names of birds and animals in Sanskrit which were given in the form of table. Students and madam both enjoyed this activity . During that year, some other activities related to syllabus were also conducted during the lectures to make the study easy. In this way in the entire year, Sanskrit department worked with joy and happiness as well as studied good with good numbers.

Department of Statistics

1. Students Achievements:

Ms. Deesha Dedhia and Ms. Poonam Suryavanshi from T.Y.B.Sc. attended a conference on 'Applications of Statistics in Clinical Research' in Ahmedabad Gujarat on 8th Sept 2018.

Mr. Pawan Kumar from S.Y.B.Sc. won the 1st prize in Jump Rope Speed Competition held at Somaiya Campus. Similarly Mr. Mayuresh Mahajan won 2nd prize for the same event. He also participated in a Workshop on 'A Vedic Approach to Mathematics' at Lala Lajpat Rai College of Commerce & Economics. Mr. Akhil Maru from T.Y.B.Sc. attended a SAS course on Essentials, ANOVA, Regression & Logistic Regression and participated Data Analytics & Mining Championship (SAS) at NMIMS.

2. Teachers Participation:

a. Mr. Prashant Shah attended a local workshop on RBPT at KJSSC from 23-11-2018 to 24-11-18, another workshop at K.C.College, Churchgate on 25-3-19 named 'Type setting in Latex & presentation using Beamer. He was a resource person for local workshop on 'Statistical Analysis Using R & Python' at KJSSC, Engineering Building on 11-8-18. He also judged the event 'Data Championship, at K.C. College, Churchgate on 26-9-18.

b. Ms. Arati Kore attended various workshops like CAS at KJSSC, BEQET awards Preparation at Khalsa College and 'Enhancement of Teaching & Learning Skills in Statistics at Central University of Rajasthan. She was also a resource person for a local workshop "Statistical Analysis using R & Python". She completed her short term course in 'Innovative Teaching & Research Methodology in Statistics'

at University of Pune from 3-12-18 to 9-12-18. She also attended a session on 'A Quality Initiative for Student Satisfaction Survey- A Mind Map for Stakeholders' at Lala Lajpatrai College of Commerce & Economics on 9-02-19.

c. Ms. Namrata Nagwekar attended a national seminar on Understanding Clinical Trials & Role of Statistics in Clinical Trials at SIES College, National Conference on Applications of Statistics in Clinical Research & Life Science Industry at Ahmedabad, Gujarat, a local workshop on RBPT & CAS at KJSSC, Enhancement of Teaching & Learning skills in Statistics at Central University of Rajasthan. Apart from these, completed the Orientation Course at JNU, New Delhi from 8-10-18 to 2-11-18.

d. Mr. Dinesh Chaurasia presented a paper at National Seminar on 'Population & Sustainable development in India' at Sangat Plaza, Bhopal on 25-1-19.

e. Ms. Arati Hakim attended a National workshop on Statistical Analysis using SPSS at University Of Mumbai from 22-2-19 to 23-2-19.

3. Departmental Activities

National Statistics Day was celebrated on 29th June, 2018. A workshop on "Introduction to Python Programming & R tool for statistical computing was organised on 10th & 11th August, 2018. Two-day workshop on "Data analysis in R using STATCRAFT" was organised on 12th & 13th Dec, 2018. An Intercollegiate fest "Sankhyashastra" was held on 8th Jan, 2019. An Industrial Visit was arranged for students of T.Y.B.Sc. Statistics to "Anand Agriculture University", Gujarat from 10th Jan to 12th Jan, 2019.

Department of Zoology

Staff Achievements

1. Dr. Amol Patwardhan

Research paper published in International Journal of Entomology Research, ISSN : 2455-4758; Impact factor : RJIF 5.24. Volume 4 Issue 1 January 2019; page 32-36

2. Dr. Amol Patwardhan

First Ph.D Student defended her thesis on 7th march 2019, and was recommended for PhD in Zoology

3. Mr. Ajay Tripathi

Co author in University of Mumbai textbook on Histology, Toxicology and Biostatistics, ISBN : 978-93- 5311- 618-7

Students' Achievements

- Revati Vispute of T.Y.B.Sc., went for a International exchange program to China under AIESEC global volunteer program.
- Department of Zoology conducted Biostatistics workshop In silico 22nd and 23rd June 2018 (9:00 am to 4:30 am). Mr. Nitin Wasnik from D. G. Ruparel College was the resource person for both the days. This workshop was attended by 29 students of M. Sc. part II from Zoology and Biotechnology.
- 6th of July is celebrated as World Zoonoses Day, to spread awareness among the public regarding animal borne diseases, their spread, containment, prevention and treatment. The Department of Zoology was happy to host a talk by Veterinary Consultant Dr. Lalit Sharma on this occasion. Sir delivered the talk on behalf of the NGO Vidyansetu Foundation. The talk was attended by 74 students and departmental staff. In a humorous vein, the speaker covered the Do's and don't's of Animal diseases and the risks involved to human life. Sir elaborated on important diseases like rabies, anthrax, swine flu etc.
- On the 12th of July 2018, Department of Zoology organised a one day field trip to Neral- Matheran

for its TYBSc Students, under DBT star college scheme. 23 students attended the excursion and were accompanied by two staff members Dr. Amol Patwardhan, Dr. Shanti Upadhye and our Lab assistant Mr. Sameer Somane.

- Department of Zoology conducted Mangrove visit at Soonabai Pirojshah Godrej Marine Ecology Centre on 18th July 2018. The said visit was attended by 28 students of T. Y. BSc and 13 students of M. Sc Zoology part II, accompanied by Dr. Vikrant Deshmukh, Mr. Ajay Tripathi and Miss. Madhuri Padaya. Visit was hosted by Mr. Hemant who manages mangrove ecology in the facility. Importance of mangrove ecology was discussed in depth with students which was concluded with small activity of quiz competition among students. Students also realised the possibility of research opportunities in the said facility.
- Department of Zoology announced a lecture series titled, 'Career after Zoology'; on Saturday, 21st July 2018 and Mrs. Kiran Deshpande was invited to deliver a lecture on Career in Dietetics. She is a graduate in Zoology and post graduate in Dietetics from SP Pune University. She has worked in eminent hospitals like Apollo, Wokhart, MG Sion hospital etc. as consultant dietitian.
- A motivational lecture was organised by Department of Zoology for students on 17th July 2018 at 10 am in college seminar hall. Mrs. Harshini kanhekar was invited as Guest speaker who is First women Fire officer in India. She is currently posted at ONGC fire engineer. This motivational lecture was organised under DBT-Star College Scheme.
- Department of Zoology Report on visit to SRC Labs (Vaze-Kelkar College) As the T.Y.BSc. students have Animal Tissue Culture as part of their syllabus, we organized a visit to Scientific Research Centre of V.G. Vaze-Kelkar College, so that the students get a exposure to an actual working of a ATC lab. 23 students were accompanied by Dr. Shanti Upadhye and Mr. Ajay Tripathi on 2nd August 2018 to the SRC

lab. All assembled at the gate of the Vaze-Kelkar college at 10.30 am.

- Department of Zoology had organised one day excursion for SYBSC students to Tungreshwar Wildlife Sanctuary on 7th August 2018 under DBT STAR COLLEGE SCHEME. 47 students were accompanied by two teaching staff - Dr. Amol Patwardhan and Shreya Patil and one non teaching staff - Samir Somane.
- Dept of Zoology A Visit to Aquaculture, Aarey colony. On Thursday, 30th August' 18, the MSc-II students of K.J.Somaiya from department of zoology were taken for a visit to Fish breeding centre. The students assembled at Chota

Kashmir at 10:00am The expert began the session with the explanation about aquaculture in brief. Since there was harvesting happening at the time of the visit the students got a chance to see how the seeds are given a nice shower to clean their guts and later packed in plastic bags with sufficient amount of aeration for transport. The expert's name was Roshan who had an experience of 6 years. Aarey aquaculture has 3 Indian carps and 3 Chinese Carps. Roshan showed the students how to identify and differentiate between the Indian carps (Rohu, Catla, Mrigel). He also explained how the ponds and the fish feed are prepared.



Attendance Committee

Activities of Attendance Committee (2018-19)

1. Report on PTA Meeting (Saturday, 22nd September, 2018)

A PTA meeting was organized by the Attendance Committee in coordination with various departments of Science and Commerce Faculty of K.J.Somaiya College of Science and Commerce for the Parents of **SY/TY B.Com/B.Sc** (both Aided and Unaided sections) students on **Saturday, 22nd September, 2018 from 9.00 am to 2.00 pm.**

A talk on ‘**Effective Parenting**’ by **Mr. Rajesh Kamath**, was conducted for the parents of SY B.Com/B.Sc (aided) students in Kalidas Sabha Gruh. K.J.Somaiya College of Arts and commerce. **Mr. Rajesh Kamath** is a Chanakya Consultant, Facilitator and Coach, where in the objective is to apply principles from Kautilya’s Arthshastra (a timeless Management encyclopedia authored in 4 BC) to modern organizations. He is known for combining the best of western and Indian management science to provide Leadership consulting, coaching and learning solutions to the industry – these are a first in the industry. Around 300 parents benefitted from the talk. The speaker talked about today’s challenges for the teens, the need to talk to the children about the problems and become ourselves a platform to put and sort their confusions about various aspects and more than anything else the parents should change themselves and their outlook towards their children. The parents were very impressed with the talk and thanked for keeping such a session for them.

After attending the talk on ‘Effective Parenting’ by Mr. ArunNaik, the parents were directed to the respective departments for the Parent-Teacher interaction. The TY B.Sc/B.Com parent-teacher meetings were solely done by the respective departments. The unaided sections carried out their meeting with the parents in the 6th floor, Engineering College except for Biotechnology which was held in the K.J.S.Sc. premise. In each department the following points were discussed with the parents.

- Departmental activities
- Examinations and the related details

- Intercollegiate events and activities
- Attendance of Students
- Tutor-Mentor scheme
- Career opportunities
- Remedial coaching
- Co-curricular and extra-curricular activities, sports, NSS, NCC, DLLE, IQAC, nature club, extension committee, certificate courses etc.

The parents appreciated the initiatives taken by college and departments.

Report on ‘Induction Programme for F.Y B.Sc and F.Y.B.Com Students’

The K. J. Somaiya College of Science and Commerce in association with Attendance Committee, organized an induction programme for F.Y B.Sc and F.Y.B.Com students 13th, 14th, 16th and 18th August, 2018. It was to make the newly joined FY students aware of the various academic and non-academic activities in the college, the evaluation pattern, the rules and regulations of the examinations and to inspire them to do the courses they have taken with full enthusiasm.

Each day’s programme was divided into two sessions. The first sessions in each day was attended by FY B.Com (Divisions-G, F& H) students and the second sessions by FY BSc (Divisions- A, B, C, D, E & Biotech) students. Each session was started with the campus prayer followed by the welcome speech cum introduction to the Somaiya campus and all facilities provided to the students, by I/C Principal Dr. Pradnya Prabhu. The IQAC presentations were done by Dr. Lolly Jain, Ms Aarti Kore, Dr. Chandana Basu and Mr. Jayesh Bhagat. The exam cell presentations regarding the evaluation pattern, the rules and regulations of the examinations were done by Dr. Smita Paranjpe, Mr. Nikhil Phansekar, Mr. Amit Jhetwa, Dr. Trupti Tawde, Dr. Geeta Nair, Dr. Deepak More and Dr. Yogesh Ghalsasi. In some sessions the different language options provided by Department of Buddhism were given by Mr. Animesh and Ms. Pallavi Jable. The NSS and NCC programmes were explained by Mr. D. G. Phondekar and Ms. Reshma Shinde. DLLE activities were given

by Mr. Saurabh Shettye. The sports activities of Somaiya Campus were explained by Mr. Ashuthosh Rathod, Coordinator-Sports Academy, SVV.

Different alumni from various department of Science & Commerce spoke to students to inspire them. Each day's session was ended with the national anthem.

The detailed schedule of the induction programme is given in the tables below.

F.Y.B.Com

Date	Day	Prayer 10.45- 10.50 am	Welcome address 10.50- 11.05 am	IQAC 11.05- 11.20 am	Exam cell 11.20- 11.35 am	Dept of Budhism 11.35- 11.40	Sports 11.40- 11.50 am	NSS 11.50- 12.00 pm	DLLE 12.00- 12.10 pm	Alumni 12.10- 12.15 pm	
13-08-18	Monday	Dr. Veena Salvi	Dr. Pradnya Prabhu, I/C Principal	Dr. Lolly Jain	Dr. Smita Paranjpe	Mr. Anim-esh	Mr. Ashuthosh Rathod, Coordinator, Sports Academy, SVV	Mr. D. G. Phondekar	NCC- Ms. Reshma Shinde	Mr. Jay Lalit Lodaya	
14-08-18	Tuesday	Ms. Purva		Ms. Aarti Kore	Mr. Nikhil Phansekar					----	Mr. Himan-shu Patel
16-08-18	Thursday	Ms. Devayani Sandip Dongre		Dr. Chandana Basu	Mr. Amit Jhetwa					Ms. Rizwana Shaikh & Ms. Ayesha Shaikh	

F.Y.B.Sc

Date	Day	Prayer 12.30- 12.35 pm	Welcome address 12.35- 12.50 pm	IQAC 12.50- 1.10 pm	Exam cell 1.10- 1.25 pm	Dept of Budhism	Sports 1.25- 1.20 pm	NSS 1.20- 2.10 pm	DLLE 2.10- 2.20 pm	Alumni 2.20- 2.30 pm
13-08-18	Monday	Dr. Veena Salvi	Dr. Pradnya Prabhu, I/C Principal	Dr. Lolly Jain	Dr. Trupti Tawde	Mr. Ashuthosh Rathod, Coordinator, Sports Academy, SVV	Mr. D. G. Phondekar	Mr. D. G. Phondekar	Mr. Sau-rabh Shetye	Ms. Neelam Mukhtar Shaikh
14-08-18	Tuesday	Ms. Purva		Ms. Aarti Kore	Dr. Geeta Nair					Ms. Pallavi Jable

16-08-18	Thursday	Ms. Devayani Sandip Dongre		Dr. Chandana Basu	Mr. Deepak More	----			----	Mr. Yash Punjabi
18-08-18	Saturday	Ms. Harita Nair		Mr. Jayesh Bhagat	Dr. Yogesh Ghalsasi	----			----	Mr. Nishchal Dwivedi

Implementation of RFID machine for taking attendance of Students

The implementation of RFID machines for taking attendance of SY/TY B.Sc/B.Com Aided/Unaided classes started in the month of July, 2018. The college took the help of private agency, Digital Edu for the implementation of same. Attendance committee members trained five non-teaching staff members for the smooth conduction of taking attendance. The machine data was synced to the Digital Edu system every day. In second term, more RFID machines were available for taking attendance and each department was given the entire responsibility of one machine each.

There were enormous and serious problems associated with taking attendance using RFID machines. To sort out these, a meeting of all faculty members with Digital Edu team was conducted on 20th February, 2019 at 12.30 pm in the Seminar Hall. Dr. Nishamol Kanat, Convener, Attendance Committee, read out the problems faced by teachers in taking the attendance and syncing the data. Apart from these issues, many teachers raised different difficulties faced by them during the processes. Digital Edu team accepted their mistakes and problems, but no satisfactory solution was provided.

Awards and Prizes Committee

Report on Teachers day celebration

Teachers day celebration was organized on 5th september, 2018 by the cultural forum in seminar hall at 10 am. The program began with the campus prayer. After seeking the blessing of almighty, students presented the various art forms and greeted teachers with love and affection.

On this occasion, followed by teachers day celebration, Long service award function was organized. The chief guest for this function was Dr. M.R. Kurup, secretary, Kelkar Education trust. Faculties and non teaching staff from junior and senior college who rendered consistent service to K.J. Somaiya College of Science and Commerce were felicitated.

Faculty	Name	Department
Junior college	Mrs. Beena Sureshkumar	Chemistry
	Mrs. Renu Bakshi	English
	Mr. Sanjay Amlani	Accounts
Senior college	Mrs. Hemlatta Chakraborty	Microbiology
Non Teaching	Mr. L.M. Raut	Class 3
	Mr. Satbir Valmiki	Library peon

Dr M.R.Kurup addressed the gathering, emphasizing on teachers' role in society and the teachers power to bring about the change in society. He mentioned the characteristic of a good teacher

and teaching as profession. The audience was truly delighted with his words. The program ended with vote of thanks.

Cultural Forum

When students and teachers interact and come together for extra curricular activities, great ideas are bound to come up and worked upon.

The Cultural Forum 2018-19 was started with one such interaction in the month of June 2018, when the academic year had just begun. With the humble beginnings of selecting the leading students of the college the interviews for Cultural Secretary and Joint Secretary were conducted and selected.

This is the story of Cultural Forum of K. J. Somaiya College of Science and Commerce 2018-19.

Having started with the idea of bringing all the students together of various streams and conducting various activities to also have breaks from the academics and keep the mind fresh of the students, the Cultural Forum 2018-19 started with its first activity for our teachers on the auspicious day of Guru Poornima.

Students wishing all their teachers and greeting them in various ways be it with a rose, a small speech or an activity. The atmosphere was truly filled with blessings and warmth.

After the First Years joined their very new institutions, the Cultural Forum was inaugurated and the glimpse of previous years and the plans for the academic years were told and also a Grand Release of the teaser for the inter-collegiate fest of the college Phoenix 2018 was done in the month of August 2018 and each and every member of the forum putting hand in hand started working for all the activities.

As the month of September approached, the Teacher's day was celebrated with all the teachers attending the various acts prepared by the students.

In the very next month with the Navratri season the cultural forum organized a Raas-Garba day at Gargi Plaza with the Garba King- Naitik Nagda. Students of all the streams of K.J Somaiya College of Science and Commerce were the part of it and surely everyone enjoyed the day.

As the days progressed the students indulged themselves in preparing themselves for both of the annual fest of the college-

- Surabhi 2018-an intra collegiate festival where students of various departments came along and participated.
- Phoenix 2018-an inter collegiate festival where students of various streams of different colleges participated.

As the month of December started the energy and enthusiasm of students increased. The glimpses of both Surabhi 2018 and Phoenix 2018 can be seen in the photographs.

Surabhi 2018, an annual intra collegiate fest of K.J. Somaiya College of Science and Commerce was organized for the students of the college itself which set up the opportunities for the students to showcase their talents and come out with confidence for future progress and achievements. The theme for this year was Bollywood which attracted the students with more interest and showcasing themselves in all competitions keeping the theme in mind beautifully.

After the blessing and the lamp lighting by our Principle Ma'am and our Cultural Convey on along with the organising team, Surabhi 2018 was inaugurated and a spiritual atmosphere was felt which had spread a great energetic wave amongst everyone.

The two days fest starting from 19th December to 20th December 2018 witnessed elimination on the first day and finals on the other having various competitions across Fine Arts, performing Arts and Literary Arts.

The special events of Beg Borrow Steal had a huge excitement and the way it was conducted was loved by all. Also Mr and Ms Somaiya was the other special event were students showcased their personality in front of a huge crowd and an experienced panel of Judges.

With the same enthusiasm and the energy the inter collegiate fest was also organized by the Cultural Forum 2018-19.

Phoenix 2018, an annual inter collegiate fest of K. J. Somaiya College of Science and Commerce was organized for all the colleges spread around in Mumbai to set up great opportunities to the students of various caste and creed to showcase their talent in front of very experienced judges. The theme for

this year was Marvel Cinematic Universe's Avengers which attracted many fans to be a part of Phoenix 2018. This theme was chosen as to give a tribute to Marvel as they have been entertaining us for over a decade.

After the blessing and the lamp lighting by our Principle Ma'am and our Cultural Conveyor along with the organising team Phoenix 2018 was inaugurated and a spiritual atmosphere was felt which had spread a great energetic wave amongst everyone.

Our creativity team had put all day and night efforts and had made a huge Fan Logo that had been put up along with the dropouts of the fest.

The 3 days fest from 20th December to 22nd December witnessed various events of Fine Arts, Literary Arts and Performing Arts.

On the first day for Literary Arts events like Fan Theory , Just a Minute , Quiz and Four Pictures in a Word were the main attraction which were totally based on the theme and all the round prepared whilst keeping Marvel in mind.

On the second day Fine Arts events like Mehendi , Nail Art, Rangoli , Cooking without Fire had tremendous participation and we witnessed many artistic and creative minds.

The events of Performing Arts were segregated on all three days starting with Singing, we having judge as Mr. Mayur Patel. Followed on the next day by Standup Comedy and Dance events on the third day with the judge Mr. Raj Rajpurohit.

The special events of Treasure Hunt/Beg Borrow Steal had a huge excitement and the way it was conducted was loved by all. Also Mr and Ms Phoenix was the other special event were students showcased their personality in front of a huge crowd and an experienced panel of Judges.

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

Not only the Collegiate fests and Competition, the Cultural Forum was involved as the teachers and other students of college for the Annual Day celebrations on 24th December 2018 and performed a great mixup of different styles of dance.

With various events organized and with the members Cultural Forum 2018-19 was a success and it sets a great experience to carry forward with more of energy and excitement.

कलागुणांची जत्रा, अस्मिता २०१८

दरवर्षी प्रमाणे यंदाच्या वर्षीही सोमैया कॉलेजमध्ये मराठी मनाचा मानबिंदू असलेला फेस्टिवल मोठ्या जल्लोषामध्ये साजरा करण्यात आला. ह्या फेस्टिवलच नाव म्हणजेच 'अस्मिता'.

अस्मिता मराठी मनाचा मानबिंदू हा फेस्टिवलची ओढ पूर्ण कॉलेजमध्ये पहायला मिळाली ह्यामध्ये सहभागी असलेल्या सगळ्या विद्यार्थ्यांनी हा फेस्टिवल छान करण्यासाठी खूप मेहनत घेतली. अस्मिता २० आणि २१ डिसेंबर रोजी पार पडला. यामध्ये विविध प्रकाराच्या स्पर्धा आयोजित केल्या होत्या. त्यामध्ये प्रामुख्याने मिस्टर आणि मिस सोमैया याची ओढ सगळ्यांमध्ये दिसून आली. यामध्ये सोलो डान्स, ग्रुपडान्स काव्यवाचन, निबंध लेखन, एकपात्री अभिनय स्पर्धा अशा अनेक स्पर्धा होत्या. यामध्ये मोठ्या प्रमाणात विद्यार्थ्यांनी सहभाग घेतला.

अस्मिताची प्राथमिक फेरी १९ डिसेंबर रोजी घेण्यात

आली. २० डिसेंबर रोजी सकाळी दीपप्रज्वलन करून अस्मिताची सुरुवात करण्यात आली. यामध्ये दिंडीचा समावेश होता. विद्यार्थ्यांनी उत्तमरित्या दिंडीच आयोजन केले होते. हा सोहळा ऑडीमध्ये पार पडला. अस्मिताच्या पहिल्या दिवसाच आकर्षण म्हणजे Friends फेम अभिनेता शुभंकर तावडे. शुभंकर तावडे हे अस्मिताच्या पहिल्या दिवशी उपस्थित होते. सगळ्या स्पर्धांच्या अंतिम फेऱ्या ह्या दिवशी घेण्यात आल्या. या सगळ्या स्पर्धांचे निकाल दुसऱ्या दिवशी जाहीर करण्यात आले. अस्मिता महोत्सवाच्या दुसऱ्या दिवशी अनेक गोष्टी घेण्यात आल्या. दुसऱ्या दिवशी विद्यार्थ्यांनी एकांकिका सादर केली व ऑडीमध्ये वेगळेच वातावरण निर्माण केले. दुसऱ्या दिवशीची आकर्षकता म्हणजे फुलपाखरु फेम अभिनेता यशोमन आपटे यांची उपस्थिती. या अभिनेत्याच्या हस्ते सगळ्या विजेत्यांना गौरविण्यात आले आणि त्यांची उत्तम अशी मुलाखत घेऊन अस्मिताच्या दुसऱ्या दिवसाचा निरोप घेतला.

Career Fair

A two day Career Fair was organized on 15th and 16th Feb., 2019. The objective of the fair was to make students' fraternity aware about different career options available after graduation and post-graduation.

Experts from various fields were invited including **Young Buzz, Bombay Stock Exchange, IBP and SSB Institute**

Science and Commerce students (Aided ,Unaided) UG,PG participated in big numbers. The experts gave the Power Point Presentation followed

by one to one interaction. Display counters for the agencies were put up and their representatives were available for both the days for more interaction.

Overall, the students liked the concept of a career fair and suggested to hold such fairs twice a year (one in each semester)

With the support of our Principal, Dr. Pradnya Prabhu and whole hearted efforts of the entire team of Career Fair, the event was a grand success.

D.L.L.E

A silent rally (Walkathon) to create awareness about the use of harmful chemical in farming Organizer : **Ambagopal Foundation in Association with Tata Memorial Hospital and D.L.L. E** (Department of Lifelong Learning and Extension), University of Mumbai

Date of the Rally : Sunday, **23rd December, 2018**
Timing : 7.00 AM to 10.00 AM Venue : Shivaji Park to Siddhivinayak Mandir and back
Number of Volunteers : 36 Students 4 Faculty Members
Students worked as volunteers at the registration counter and distribution of food packets to the volunteers. They also participated in the rally.

Activity: Students in the Undergraduate and Post Graduate class visited Children's Aid Home, Mankhurd for two weeks and taught basic English, Communication skills, Science and Maths to the

underprivileged children (4th and 5th Standard). Two students visited the orphanage in each turn **Period: 1st October, 2018- 31st December, 2018**
Timing : 2.00 -4.00 pm **Venue:** Children's Aid Home, Mankhurd, Opp. BARC Bus Depot.

Name of the Event : Udaan Festival, The Flight of Extension
Organiser : Department of Lifelong Learning and Extension
Date of Event : 21st January, 2019
Venue: V.K. Krishna Menon College, Bhandup East
Number of Students attending the Event : 21
Number of Faculty Attending the Event : 03
Description of Event : Udaan is an intercollegiate festival where students from about 20 colleges participate in the Skit and Poster Competition. The Skit and the poster completion is develop confidence team work attitude in today's youth. The skit and poster highlights the social issues faced by the nation currently and the ways to tackle them.



Gymkhana Department

The academic year 2018-19 was yet another successful year for Sports in K.J.Somaiya College of Science and Commerce. Students from both junior and senior colleges performed well at the Inter-Collegiate, District and State Levels. Some students went ahead to participate at the national level. The Department of Physical Education also coached students who opted for credits from Sports as a part of the curriculum of the senior. The highlights of great performances by the students are listed below.

Junior College

DSO / Division / State Level Competition Winner Students

1. Athletics

Date: 25 to 27 Sept.2018

Venue : Sai Sports Kandivli

- Sharvari Parulkar DSO, Division & State Level
- Long Jump, Tripal Jump and 110 Hurdles -Gold Medal

National Level -

Triple Jump – Bronze Medal

Long Jump- 6th

110 Mtrs Hurdles -7th

Date: Dec.2018

Venue : Pune

- **Khelo India -Triple Jump (Gold Medal)**

Date : 13 Feb to 16 Feb. 2019

Venue : Raipur Chhattisgarh

- National Yuva Athletics Level-Triple Jump (12.1 Mtr)- Gold Medal

Date: 15 to 17 March2019

Venue : Hong Kong

- Asiai Yova –Hong Kong Triple Jump-4th Place

Athletics

Date: 25 to 27 Sept. 2018

Venue : Sai Sports Kandivli

- Sidhi Shimpi DSO, Division & State Level 400, 800, 400 Mtrs Hurdles & 4*400 Relay Mtrs-Gold Medal

National Level-

400 Mtrs Hurdles –7th Place

Date: Feb. 2019

Venue: Nagpur

- Sidhi Shimpi 400 Mtrs Hurdles - Gold Medal

Date: 8 & 9th Feb.2019

Venue: Gujrat

- Sidhi Shimpi National Level 4*400 Relay Mtrs-Gold Medal

Date: 8 & 9th Feb.2019

Venue: Raipur Chhattisgarh

- Sidhi Shimpi National Level 400 Hurdles-7th Place

Athletics

Date : 25 to 27 Sept.2018

Venue : Sai Sports Kandivli

- Disha Joshi DSO Level Long Jump Gold & Division Level Bronze Medal
- Dhiraj Keshri DSO Level 800 Mtrs Bronze Medal
- 4*100 Mtrs Relay Girls Team-DSO Level 4th Place

2. Basketball

Date: 21 Sept. To 23 Sept.2018

Venue: Ghatkopar College

- DSO Level Basketball Girls Team – Bronze Medal
- Kurthi Pasad State Level Selected

3. Taekwondo

Date: 25 & 25 Sept. 2018

Venue: S.G. Barve Nagar BMC School Bhatwadi Ghatkopar

- Harsh Chavan DSO Level Gold Medal District-Silver Medal & State Level-Gold Medal
National Level-Participated
- Akshada Lokhande DSO & District Level Gold Medal
State Level- Participated

- Trupti Parab DSO Level Silver & District Level Bronze Medal
- Palavi Jadhav DSO Level Silver & District Level Bronze Medal

4. Shooting Air Rifle

Date: 7th Oct. 2018

Venue: Tolani College Of Commerce-Andheri

- Reva Deshpande DSO & District Level Gold Medal

5. Cycling Race

Date: 7th Oct. 2018

Venue: Aarey Milk Centre Worli

- Aayush Padhur DSO Level Gold Medal State Level- Participated

6. Karate

Date: 8th Oct. 2018

Venue: Swami Vivekanand College Kurla East

- Bhavya Vora DSO Level Bronze Medal

Intra- Class Indoor Competition 10th To 12th Sept. 2018-19 Junior College

Carron (Boys)

1. Govind Desai (FYJC) First
2. Swapnil Baikar (FYJC) Second
3. Raj Thakkar (FYJC) Third

Table tennis (Boy's)

1. Devansh Thakkar (FYJC) First
2. Suraj Gupta (FYJC) Second
3. Sagar Gupta (FYJC) Third

Chess (Boy's)

1. Jenil Shah (FYJC) First
2. Suraj Gupta (FYJC) Second
3. Yatin Panchal (FYJC) Third

Staff Members both Junior and Degree College Teaching & Non-Teaching

Carron

1. Ashok Kamble (Biology) First

2. Hitesh Kadam (Chemistry) Second
3. Kiran Bansode (Physics) Third

Table tennis

1. Aniket Rawanoji (Chemistry) First
2. Jay Gound (Chemistry) Second

Chess (Boy's)

1. Sagar Chavan (Biotech) First
2. Kiran Bansode (Physics) Second

Gymkhana Sports And Games Performance 2018-19

Annual Sports Day 15th Dec. 2018-19 Winner List

100 MTS (BOYS)

Name of Students	Class	Result
Vedant Naik	FYJC	Gold Medal
Darshit Shah	FYJC	Silver Medal
Bhavesh Pawar	FYJC	Bronze Medal

100 Mts (Girls)

Name of Students	Class	Result
Saachi Rajawat	SYJC	Gold Medal
Hetvi Patel	FYJC	Silver Medal
Sharvari Mane	SYJC	Bronze Medal

200 Mts (Boys)

Name of Students	Class	Result
Dhirah Shivratri	FYJC	Gold Medal
Bhavesh Pawar	FYJC	Silver Medal
Darshit Shah	FYJC	Bronze Medal

200 Mts (Girls)

Name of Students	Class	Result
Saachi Rajawat	SYJC	Gold Medal
Darshana Maru	SYJC	Silver Medal
Shruti Upadhyay	SYJC	Bronze Medal

400 Mts (Boys)

Name of Students	Class	Result
Dhiraj Keshri	FYJC	Gold Medal
Avishkar Dalvi	SYJC	Silver Medal
Avdhesh Pal	FY C	Bronze Medal

400 Mts (Girls)

Name of Students	Class	Result
Saachi Rajawat	SYJC	Gold Medal
Hetvi Patel	FYJC	Silver Medal
Darshana Maru	SYJC	Bronze Medal

Shot Put (Boys)

Name of Students	Class	Performance	Result
Shivam Pandey	SYJC	8.38 Mts	Gold Medal
Akash Yadav	FYJC	8.28 Mts	Silver Medal
Krish Lodaya	FYJC	8.20 Mts	Bronze Medal

Shot Put (Girls)

Name of Students	Class	Performance	Result
Sayali Yadav	FYJC	5.72 Mts	Gold Medal
Annu Yadav	FYJC	5.69 Mts	Silver Medal
Aditi Vinchhi	FYJC	5.67 Mts	Bronze Medal

Long Jump (Boys)

Name of Students	Class	Performance	Result
Yash Panchal	FYJC	5.16 Mts	Gold Medal
Aditya Bhatt	SYJC	5.09 Mts	Silver Medal
Jamal Khan	FYJC	5.02 Mts	Bronze Medal

Long Jump (Girls)

Name of Students	Class	Performance	Result
Hetvi Patel	FYJC	4.28 Mts	Gold Medal
Snehal Parab	FYJC	4.19 Mts	Silver Medal
Asmi Vaite	FYJC	4.14 Mts	Bronze Medal

1Km Open Run Marathon

Name of Students	Class	Result
Isha Raikar	FYBSC	Gold Medal
Asmi Vaite	FYJC	Silver Medal
Tanvi Shinde	FYJ C	Bronze Medal

Tug-of-war Boys

Sr. No	Name of Students	Class
1	Aditiya Pandey	XI
2	Manjeet Kannaijiya	XI
3	Rohit Singh	XI
4	Nitesh Jaiswal	XI
5	Mahesh Katkar	XI
6	Raghav Rathi	XI
7	Yash Thakkar	XI
8	Vishwas Survarna	XI
9	Sahil Goswami	XI
10	Akhil Pasupulet	XI
11	Roshan Singh	XI
12	Dhruv Shah	XI
13	Shyam Bhanushali	XI
14	Palash	XI
15	Saraunsh Jadhav	XI
16	Vihang Kaltimani	XI

Non-teaching Staff (Men)**400 Mts (Men)**

Name of Students	Department	Result
Umesh Rathod	Physics	Gold Medal
Avinash Narkar	Physics	Silver Medal
Kiran Bansode	Physics	Bronze Medal

Teaching Staff (Men)**400 Mts (Men)**

Name of Students	Department	Result
Manish Dhanawade	Chemistry	Gold Medal
Vinod Trigunayat	Biology	Silver Medal
Sanjay Amlani	Commerce	Bronze Medal

Teaching Staff (Women)

400 Mts (Women)

Name of Students	Department	Result
Varsha Yadav	Chemistry	Gold Medal
Suvarna Suryavanshi	Maths	Silver Medal
Sonali Talekar	Chemistry	Bronze Medal

Annual Sports Day

Indoor - 10 to 12 (3Days) September 2018 (Sr. College)

Game	Participation of Students Junior College & Senior College
Table tennis	36
Carrom	41
Chess	33

Outdoor - Held on 15th December 2018

Activities	Participation of boys and girl students Junior College & Senior College
Athletics	1,160
Toss cricket faculty	25

Hosted Tournament:

- Rink Football, Box Cricket, Basketball & Running Race Inter Collegiate **EMPRESA 2018** Festivals 11th To 12th December 2018.
- T.T., Chess, Carrom, Box Cricket, Tug of War, Volleyball, Running Race, 4*400 Realy, Rink Football, Long Jump Inter Collegiate **SURBHI 18** Festivals 20 & 21th December 2017
- Somaiya Staff Toss Cricket Tournament 30, 31January & 1stfeb.2018.KJSSC stood with 18.

Degree College

Inter-Collegiate /State /National Level Competition Winner Students

1. Table Tennis

Date: 24th & 25th Sept.2018

Venue: University Of Mumbai Marine Line

- Jagruti Murbadkar (M.Com II) Inter-Collegiate Table Tennis Gold Medal

- All India FCI Tournament Goa- Gold Medal (22 to 27 oct. 2018)**

- Yuvasena Foundation Khel- Gold Medal (4th and 5th Dec.2018)

2. Best Physique

Date: 25thOct.2018

Venue: D.A.V College Bhandup

- Onkar Sawant** (F.Y. B.Sc.) Inter-Collegiate Best Physique 4th Place (75kg)
- Jagtap Bhavesh Suresh** Inter-Collegiate Best Physique 6th Place (65kg)

3. Soft Ball

Date: 29th Oct.2018

Venue: University Of Mumbai Marine Line

- Vishal Venugopal (S.Y.B.Sc.) Inter-Collegiate Soft Ball all India **University Participated (National Level)**

4. Athletics

Date: 9th Dec.2018

Venue: Somaiya Athletics Ground

- Sumit Tiwari CM Chashak 800 Mtrs Silver Medal**

5. Taekwondo

Date: 31st Dec. 2018

Venue: Jamu- Kashmir Federation

- Shivam Pingale- Bronze Medal (84Kg)

Date: 18th Feb.2019

Venue: Khalsa College Mantuga

- Shivam Pingale- Gold Medal (84Kg)

Selected All India University National level- Hariyana

6. Chess

Date: 13th to 14 March 2019

Venue: B.K. Birla College Kalyan West

Inter-Collegiate Chess Competition Divisional Level 4th Place

- Khilin Satra - FYBCS
- Shreekanth Bomma - TYBSC
- Mayuresh Barve - TYBSC
- Ankit Singh Bronze - FYBSC

Inter - Class Indoor Competition 10th To 12th Sept.2018-19

Degree College

Carrrom (Boys)

1. Rohit Sharma (S.Y.B.Com) First
2. Javed Sayeed (T.Y.B.Com) Second
3. Baushan Naikaroskar (S.Y.B.Sc.) Third

Carrrom (Girls)

1. Santoshi Katke (S.Y.B.Sc.) First
2. Amra Momin Firoz (S.Y.B.Sc.) Second
3. Simin Pawaskar (S.Y.B.Sc.) Third

Table tennis (Boy's)

1. Marishwarankumarusamy (S.Y. B.Sc.) First
2. Kevalchheda (S.Y. B.Sc.) Second
3. Bhushannaikaroskar (S.Y. B.Sc.) Third

Chess (Boy's)

1. Mayuresh Barve (T.Y. B.Sc.) First
2. K. Satra (F.Y. B.Sc.) Second
3. Viral Furiya (F.Y. B.Sc. IT) Third

Staff Junior and Degree College Teaching & Non-Teaching indoor competition

Carrrom

1. Ashok Kamble-(Biology Department)-First
2. Hitesh Kadam-(Chemistry Department)-Second
3. Kiran Bansode-(Physics Department)-Third

Table tennis

1. Aniket Rawanoji-(Chemistry Department)-First
2. Jay Gound-(Chemistry Department)-Second

Chess (Boy's)

1. Sagar Chavan-(Biotech Department)-First
2. Kiran Bansode-(Physics Department)-Second

Gymkhana Spots And Games Performance 2018-19

Annual Sports Day 15th Dec. 2018-19 Winner List

Shot Put (Boys)

Name of Students	Class	Perfor- mance	Result
Afzal Khan	S.Y.B.Sc.	10.03 Mts	Gold Medal
Darsh Panchal	T.Y.B.Com	9.02 Mts	Silver Medal
Shreekanth Bomma	T.Y.B.Sc.	8.90 Mts	Bronze Medal

Shot Put (Girls)

Name of Students	Class	Perfor- mance	Result
Nupur Kurulkar	F.Y.B.Sc.	6.47 Mts	Gold Medal
Shrushti Nikam	T.Y.B.Sc.	5.92 Mts	Silver Medal
Hardika Chaudhary	S.Y.B.Sc.	5.84 Mts	Bronze Medal

Long Jump (Boys)

Name of Students	Class	Perfor- mance	Result
Darsh Panchal	T.Y.B.Com	5.40 Mts	Gold Medal
Ramesh Mathari	F.Y.B.Sc.	5.21 Mts	Silver Medal
Vinayak Pawar	T.Y.B.Sc.	4.81 Mts	Bronze Medal

Long Jump (Girls)

Name of Students	Class	Perfor- mance	Result
Nupur Kurulkar	F.Y.B.Sc.	4.45 Mtrs	Gold Medal
Ananya Dhar	S.Y.B.Sc.	4.31 Mtrs	Silver Medal
Shrushti Nikam	T.Y.B.Sc.	4.09 Mtrs	Bronze Medal

1KM Open Run Marathon

Bipin Yadav	F.Y.B.Com	Gold Medal
Shubham Singh	T.Y.B.Sc.	Silver Medal
Vikas Prajapati	T.Y.B.Sc.	Bronze Medal

Tug-of-War Degree College Girls Winner Team

Sr. No.	Name of The Students
1	Aastha Kudiya
2	Aishwarya Sawant
3	Anam Shaikh Mohd. Rizwan
4	Ananya Dhar
5	Isha Rakar
6	Karisma Ghag
7	Khan Ayesha Latif
8	Kirti Raorane
9	Krina Gandhi
10	Martina Malluri
11	Nensi Patel
12	Nishtha Mehta
13	Pooja Jaiswar
14	Pratibha Shukla
15	Shaikh Rukhsar
16	Shrushti Nikam
17	Jaiti Singh
18	Suditi Desai
19	Swarshree Pawar
20	Vaishnavi Bande
21	Yashvi Patel

Annual Sports Day

Indoor - 10 to 12 (3Days) September 2018 (Sr. College)

Game	Participation of Students Junior College & Senior College
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Carrom	21
Chess	18

Outdoor - Held on 15th December 2018

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Toss cricket faculty	18

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- Somaiya Staff Toss Cricket Tournament 30, 31 January & 1st Feb. 2018. KJSSC stood with
- Mumbai university football tournament month in October -2018

Somaiya Games

- KJSSC Basketball Girls and Boys Team 1st
- KJSSC Volley Ball Boys team stood 3rd
- KJSSC Cricket Boys Team stood runner up
- KJSSC Cricket Boys Team stood runner up
- KJSSC Football Boys team Participated

Ravindra Kumar Walmiki
Head of Gymkhana

HSC Results 2018

Toppers List

Rank	Science	Voc. Science	Commerce	MCVC
1	Shewale Tejas S. [86.92%]	Gupta Sonam B (C.S) [93.53%]	Mukherjee Abhinandan P [93.38]	Tungariya Deepa D. [84.92]
2	Das Shubhalaxmi B [86.46]	Jain Priyant (Elec) [93.23%]	Jain Harshita R [91.38] Kewat Harsh R [91.38]	
3	Qureshi Sarim A [86.00%]	Iyengar Akshat (C.S) [92.61]	Waghela Mital M [91.23]	

Candidates passed

Stream	Candidates Registered	Candidates Appeared	Distinction	Grade -I	Grade -II	Pass Grade	Total Pass	Pass %
Science	765	765	140	379	223	Nil	742	96.99
Commerce	237	237	177	54	05	Nil	236	99.57
MCVC	32	32	07	21	03	01	32	100
Total	1034	1034	324	454	231	01	1010	97.67

Sr. No.	Name of The Student	Stream	Divyang Category	%
1	Jain Hitanshu Kishore [Renu]	SCIENCE	Learning Disability	68.15
2	Satra Sahil Rohit [Jayshree]	MCVC	Learning Disability	63.84
3	Kamath Pooja Jayant [Akshata]	Commerce	Learning Disability	70.76
4	Vaidya Sagarika Sanjay [Shefali]	Commerce	Learning Disability	55.23
5	Singh Shivansh Sudhirkumar [Malti]	Science	Blindness/ Partial Blind	79.38

Total number of students appearing HSC Examination Feb/March 2019:1085 (Inclusive of Private students)

Male students : 593

Female Studnets : 492

IQAC

Workshop on **Internship Evaluation** was held on **31.10.2018**. It was organized by the **IQAC** of K. J. Somaiya College of Science and Commerce. The workshop was held for all the teachers in the Seminar Hall of K. J. Somaiya college of Science and Commerce. The workshop started with campus prayer followed by welcome address and introduction of the resource person Dr. Vasudha Kamat, Member NEP Draft Committee GOI and Former Vice Chancellor SNDTWU by Principal Dr. Pradnya Prabhu. Some of the faculty members expressed their experiences regarding internship. According to Dr. Kamat, we should listen to alumni and change the syllabus accordingly. We should have internship manual. Internship is not a field work. It should be done under mentorship. It is for development of students. It can be practical work done outside the college, work done during 'Earn while Learn scheme', sponsored project done in the department.

The **IQAC** of K. J. Somaiya College of Science and Commerce organized a **Two –Day Workshop on RBPT on 23 rd and 24 th November 2018**. It was a matter of great pride to have IISER, Pune as the Knowledge partner for this workshop. In fact, all the trainers for the workshop are indebted to IISER for having given them the opportunity to get trained in RBPT. 20 staff members from K. J. Somaiya College of Science and Commerce have completed the level 1 training in RBPT and 2 of them have also completed the level -2 training. The conduct of this workshop increased the count of RBPT trained faculty in the Institute to 42.

Workshop on Outcome Based Curriculum and Assessment. Articulation of CO, POs and its measurements by Dr. Arati Phadke, K J Somaiya College of Engineering, Vidyavihar, Mumbai was organized by the **IQAC on 17th December 2018**. The workshop was held for all the teachers in the Seminar Hall of K J Somaiya college of Science and Commerce. The workshop started with campus prayer followed by welcome address and introduction of the resource person by Principal Dr. Pradnya Prabhu. Dr. Arati explained various terminologies like OBE, CO, PO etc and emphasized on the need to adopt the outcome based education for the current generation to be in line with student centric approach in designing curriculum for content and assessment. She elaborated on the structure, types and methods to achieve this by means of direct and indirect attainment options. She advised the use of blooms taxonomy in framing PO and CO, and designing them smartly considering the outcomes design parameters like specific, measurable, attainable, realistic, time bound. She gave a working example of this in her subject as they are following OBE since 5 years. The Assessment part of the workshop gave a new perspective to the teachers, showing them how outcomes can be mapped to the type of questions asked in examination. The workshop culminated with a discussion to clear doubts of the teachers. On the end note the speaker really showed how OBE is practiced in her institution and promised to lend supportive hand to our institution for aid in framing OBE.

Junior College Activities

The Department of English (Junior college) has organised literary competitions on 1st September 2018.

The following events were conducted on this occasion

- 1) The great Narrator
- 2) Story Boarding
- 3) Appeal making

Many students took active part in these events. The response was overwhelming.

Vice principal Dr. Shailaja Menon grace the occasion.

Supervisor Mrs.Beena suresh Madam and Mr.Krishna shri vastav were the judges for the competition.

Elysian And Upstage 2018

Event / Competition

Great Narrator

First Prize : Astra D'souza

Second Prize : Alina Johnson
Mega Nadar

Third Prize : Sneha Panditpautra
Aishwarya R. Gadade

Consolation Prize: Drashti Bhanushali
Trisha Haria

Special Prize : Yashi A. Jain

Story Boarding

First Prize : Arya Gangar

Second Prize : Sharvari S. Chaudhari

Third Prize : Siddharth V. Nair.

Consolation Prize : Rohini Randive

Special Prize : Kaustubh D. Karkhanis

Appeal Making

First Prize : Abhinandan Mukhrjee

Second Prize : Harshada S. Jethwa

Third Prize : Sakshi Chande

Consolation Prize : Shah Rupal Shailesh

NCC

NCC Activities

Ranks for the Year

Senior Under Officer : Afreen Sayed.

Junior Under Office (Field) : Alisha Sayed.

Junior Under Office (Adm.): Reshma Shinde.

Company Sergeant Master : Shweta Shinde.

Company Quarter Master Sergeant : Sapna Jaiswal.

1. Sergeant : Vandana Gupta.
2. Sergeant : Nilima Gore.
3. Sergeant : Asmita Sawant.
4. Sergeant : Divyajyoti Saraf.

1. Corporal : Suchita Dongre.
2. Corporal : Mrunal Kshirsagar.
3. Corporal : Sonal Kothari.
4. Corporal : Pallvi Kadam.

1. Lance Corporal : Laxmi Gurala.
2. Lance Corporal : Siddhi Karekar.
3. Lance Corporal : Neha Tomar.
4. Lance Corporal : Prachi Pachupate.
5. Lance Corporal : Himani Soni.
6. Lance Corporal : Tejas Vitule.
7. Lance Corporal : Laxmi Gupta.
8. Lance Corporal : Jidnyasa Patil.
9. Lance Corporal : Sanika Pingale.
10. Lance Corporal : Aishwarya Waykar.

International Yoga Day 21st, June, 2018

“Health is Wealth”, is a very famous quote. Likewise for good health, yoga is very important.

Our Prime Minister Shri.Narendra Modi has declared 21stJune as international yoga day. Since, then yoga day is celebrated throughout the whole world.

Our unit has organized international yoga day in our campus on 21st June 2018. Around 80 cadets from our unit had participated.

Combined Annual Training Camp

CATC - 506

CATC 1 camp was held at Ambernath from 23rd may to 2nd June 2018. Total 10 Cadets attended the camp successfully. In that CQMS Sapna Jaiswal won the silver medal in Volleyball and L/CPL SanikaPingale won silver medal in Drill Competition

CATC - 503

CATC 2 camp was held at Goregaon which was from 18thJuly to 27th July 2018. Total 18 cadets attended the camp successfully. In that JUO Alisha Sayed was camp senior and won the gold medal for Best Command and Control, also our Cdt. Jyoti Yadav got gold medal for KHO-KHO competition.

CATC - 512

CATC 3 camp which was held at Goregaon from 29th June to 6th august. Total 3 cadets attended the camp successfully. In that our Cdt.Madhuri

Gaikwad won gold medal in speech competition and Cdt. Sanjana Neswankar won gold medal in Volley ball.

Thal Sainik Camp 23rd MAY 2018

TSC camp is Thal Sainik Camp. First TSC was held at Ambernath from 23rd May to 2nd June 2018. Nine of our cadets attended the camp.

They got selected for further camp held at Goregaon which was from 18th July to 27th July 2018. Many competition were held where our cadet L/CPL Aishwarya Waykar won a silver medal in Health and Hygiene.

There after in the next camp which was held at Goregaon from 29th June to 6th august. CSM Shweta Shinde was selected as a nominee for field signal.

TSC IGC camp was held at Ahmednagar from 7 august to 16 august 2018. Out of 7 cadets CSM Shweta Shinde cracked Pre-TSC 1,2 and 3 at Ahmednagar. She returned after Pre-TSC 3 with a Blazer of Maharashtra Directorate and won a gold medal for her achievement.

Scuba Diving Camp 22nd July

L/CPL Sanika Pingale was selected from Mumbai B group for Scuba Diving.

Scuba Diving camp held at Colaba from 22nd July to 12th of August. It was a 20 days camp attended by L/CPL Sanika Pingale, where she won 2nd best cadet medal.

Tree Plantation and Trekking 28th August 2018

To protect the mother earth, lots of efforts are taken at international level. Our respected Prime Minister Shri.Narendra Modi has attended various international summits to protect the environment , Maharashtra government have taken a major steps to save environments , the program of Maharashtra was wholeheartedly was taken up by Maharashtra Directorate.

As per the instructions of our unit we have decided to carry out the Tree Plantations drive at Sondai Fort Karjat. Cadets did Tree Plantation along with Trekking by reaching at the height of the Sondai Fort. It was great task and 4 trekkers experts were there with our cadets for there safety and precautions.

Independence Day Celebration 15 August 2018

The 71st Independence Day was celebrated in our campus on 15 august 2018. Shri. Sameer Somaiya was invited as our chief guest and all our students and cadets of Somaiya campus had gathered. The flag hoisting ceremony was well organized by our cadets and our SUO Afreen Sayed was the parade commander of the event.

At 8:00 am, the flag was hoisted by the our chief guest and was given guard of honour by our unit. The function further proceeded by the oath ceremony of 80 cadets of 1 MAH GIRLS BN NCC.

Cleaniness Drive 2nd October 2018

Our college had organized cleanliness drive under Swachh Bharat Abhiyan programme on the occasion of Gandhi Jayanti. The main purpose of this programme was to create awareness among the students regarding cleanliness and its benefits. All the girls had participated in this drive and everyone helped to clean the college. It was a very good experience for all of us.

Mission Sahasi 17th October 2018

As the crime related to girls and women are increasing day by day, so to protect themselves, we initiated self defence campaign named MISSION SAHASI.

The aim of this mission was “MAKING OF THE FEARLESS”. The campaign took place in our somaiya campus engineering ground from 7:00am to 10:30 am. Total 30 cadets attended the event.

For motivation and to teach the students and cadets Shri. AnupDethe was invited as a special guest. He is a silver medalist in Karate South Asian Games

Advance Leadership Camp 15th November 2018

Advance leadership camp at Jorhat, Assam was started from 15th November to 26th November 2018. The camp included many lectures related to SSB preparation and various educational visits. The camp was unforgettable with lots of knowledge. JUO Reshma Kalyan Shinde and CSM Shweta Rajendra Shinde represented Maharashtra Directorate from our unit.

They took active participation in competitions conducted in the camp. Maharashtra Directorate won 1st prize in NIAP presentation competition and 2nd prize in Tug of War competition.

Medical Attachment Camp 4th December 2018

Medical Attachment Camp held at Ashwini Hospital, Colaba from 4th December to 15th December. Attended by L/CPL Aishwarya Waykar. In this camp qualities of nurse are inculcated in the cadets so that in stress full situations they can help civilians and others.

Drill Competition 9th December 2018

19 Cadets of K.J.Somaiya participated in the drill competition organized by naval unit of JBC college Thane. There were 9 third years, 4 second years and 6 first years who participated in the competition.

The competition started with a lecture and lamp lightening. The judges were invited from girls and naval battalions. After the competition there was award distribution ceremony. The program ended with Vande Mataram and NCC song.

Basic Leadership Camp 2nd January 2019

Basic leadership camp held at Amravati from 2nd January 2019 to 11 January 2019. This camp

develops leadership qualities, courage and many more qualities. We also got guidance about SSB (service selection board). Also we learnt many life skills and got motivational lectures about life and nation. CDT Pranjali S. Mojad participated in BLC from our unit.

Republic Day Camp 26th January, 2019

RDC selection for cadets of 1 MAH GIRLS NB NCC was done in our campus. All the cadets from all the unit of 1 MAH GIRLS BN NCC came in our campus and took the training by our PI staff and then got selected for RDC. This selection and training process continued till 29 Sept 2018. Commanding Officer visited our campus for the final selection of RDC. Total 25 cadets got selected for RDC.

First RD camp was held at Nashik Trimbak Mandir. L/CPL Prachi Pachupate participated in the camp as a Best Cadet.

B And C certificate Examination

Total 24 cadets appeared for C certificate examination and 9 cadets appeared for B certificate examination this year. B certificate exam were conducted at Maharashtra College, Churchgate on 19th Feb, 2019 and C certificate exam were conducted at Gurunanak School, G.T.B. Nagar on 17th and 18th Feb, 2019.

NSS

Academic and non academic assistance to students from Ramabai Colony during 11th Apr. to 15th May 2018.

Academic and non- academic assistance to students from Ramabai Colony was organised as vacation activity by NSS volunteers in which students were taught the content from their respective academic books for the year 2018-19 about 60 students benefitted by the activity. Apart from academic part students were taught different aasans, sun salutation and behavioural development themes.

A silent March towards excesses over Asifa killing

On 19th Apr 2018, a silent March towards excesses over Asifa in which around 35-40 children

from Ramabai colony, women and other people have participated. The rally was carried out started with the help of 20 slogans on placards from railway police colony and led to Ramabai colony and the areas of Kamrajnagar and back to colony again where all the members paid tribute to Asifa by lighting candles around 7 pm.

Fire drill and demo session in college on 8th & 9th June 2018

40 non teaching staff on both the days were trained for fire drill, extinguishing fire and evacuation procedure. The purpose of the program was to inculcate the professional skills while working in the laboratory.

Exhibition of posters on Plastic on 20th June 2018

Exhibition of posters on Plastic in college on 2nd floor, display gallery and college gate.

Ban on plastic was imposed by MCGM hence awareness exhibition about plastic and its negative impacts was organised for college students. In total there were 60 students who viewed the exhibition which was continued for three days

Exhibition on Yog posters near gate in college on 21st June 2018

200 students viewed the exhibition

Demonstration on yog protocol and sun salutation was carried out for about one hour under guidance of Prof D G Phondekar a faculty in the college about 20 students have participated in the activity.

Yog session in Kalina campus University of Mumbai. On 21st June 2018

Practical sessions that is Asanas were done under guidance of experts. Our college students participated in the programme.

Session on Addiction Narcotics and Cyber crime on 26th June 2018

Session was planned on account of international anti drug abuse and illicit trafficking day. The session was organised by Anti Narcotics cell and Cyber crime cell and taken by

PSI Snehal Belgaokar & API Sachin Kadam

Students from KJSSC, KJSAC as well as SK Somaiya college attended the session.

Tree plantation at Mumbra hills on 8th July 2018

15 saplings were planted which included mango, peepal, jack fruit and banyan saplings.

World Population Day commemoration series on 11th July 2018

Topic- role of ethics in corporate governance and interview in corporate

Session was taken by Vijay Joshi and Satish Luman.

World population day commomoration series session on 12th July 2018

Topic- Cope up with change and corporate governance

Session was taken by Satish Luman and Vijay Joshi

World population day commomoration series session on 28th July 2018

Session on Down the vagour lane was organised in which our alumni Shri. Santosh Thandge, Branch manager SBI interacted with students about their corporate entry.

Tree plantation was done in Mumbra hills on 15th July 2018.

In total 70 saplings were planted consisting of mango, peepal, banyan, jamun and neem.

Students from KJSSC were accompanied by students of Kalsekar college.

Tree plantation in Mumbra hills on 29th July 2018

114 saplings were planted consisting of jamun, mango, peepal.

Rakshabandhan on 26th Aug 2018

NSS unit of the college organised rakshabandhan for railway police at all railway stations in Mumbai. This year total 395 rakhis were tied to the campus security guards, Police at different railway stations and at railway police head quarters in Ghatkopar.

Session on AIDS in MDACS on 29th Aug 2018

Two volunteers Sakshi Bhalkar and Priya Dwivedi were sent to MDACS for HIV AIDS training.

Attending Session on women empowerment in RADAV college on 31st Aug 2018

The four sessions pertained to women empowerment were conducted which included mental health, menstrual cycle, personality development and time scheduling, social facet of sexual harassment. Three students Mrunali Pawar, Sneha Samdade, Shruti Mourya from college participated in the training programme.

Voter ID name inclusion process and ballot list rectification from 9th Sept 2018.

Session by district collector at Kalidas Sabhagruh focussing on voter ID name inclusion process and ballot list rectification. NSS unit has conducted a drive in B.Ed college, Somaiya vocational training institute, railway police colony As adopted area along with our own college students. The programme was scheduled as generation of awareness and guidance towards inclusion of name in the ballot list, distribution of forms, getting the form filled and submission to the representative of central polling station. Up to 31st of October around 96 forms were submitted to CPS.

Navrang session at railway police colony from 10th to 17th Sept 2018

A festival of women hood was celebrated by conducting different sessions in railway police colony regarding problems faced by women and how to find solutions over them. Sessions regarding food nutrition, deep silent sleep that is yognidra, child parenting, stomach related problems, financial literacy, skill building programme which included soap making were conducted.

Disaster management

The NSS unit of the college regularly train college students and staff as well as community members for disaster management in the areas of crowd control, fire and fire drill and evacuation.

This year around 40 staff members predominantly from non-teaching staff were trained in the area of fire and fire drill on 8th & 9th June 2018. They were given the inputs of causes, types of fire, how to address the domestic fires and also conducted fire drill.

NSS unit every year support the Mumbai police for crowd control especially during Ganapati Festival & immersion dates and on 6th Dec at Shivaji Park on account of Ambedkar Mahaparinirvan day.

This year NSS volunteers helped railway police on 6th Dec 2018 through which a huge crowd at about 5 hours in the morning time was regulated and guided for departure trains as well as Shivaji park route.

This year volunteers have helped from 14th Sept to 22nd Sept 2018 at Sahyadri Ganapati at Chembur. They have regulated the queues and guided the

devotees. Every day about 150 to 200 people were benefitted by the process.

Domestic violence

On the call from Tilaknagar police station for last two years NSS unit of the college is doing awareness against domestic violence. This year five street plays were performed in the community of Rajawadi, Ghatkopar and Tilaknagar police station vicinity. Every year these performances remained to be very helpful to police in communal peace. This year street plays were performed on 16th Jan 2019, 12th Feb & 18th Feb 2019. Seven students have participated in the street plays and the beneficiaries were about 450.

Environmental enrichment

K.J. Somaiya College of Sci & Com NSS unit works for the enrichment of nature. Every year volunteers plant around 150 to 200 saplings in Mumbra hills. This year tree plantation was conducted on 8th Sept, 15th Sept & 29th Sept 2018. 195 saplings of Pimpal, Karanj, Mango Banyan were planted in Mumbra hills preferably on sliding slopes so as to control the soil slide and stabilisation of slopes. All saplings were geo-tagged while planting. The survival rate is about 45 percent. One plantation programme was in association with AE Kalsekar College Mumbra were planted jointly 70 saplings. Apart from this college volunteers have also made awareness about control over tree cutting and supporting trees by minimum usage of tissue papers, no wastage of papers and wood.

Food and nutrition

The volunteers of KJSSC NSS unit conduct food and nutrition awareness every year in the community.

This year along with the informative posters students went to adopted community i.e. railway police colony in every tenement to do the awareness towards nutritious food, avoid wastage of food in routine time as well as festive and wedding parties, food donation etc. students have organised poster exhibition as well as explanation during 10 days of Ganapati period and in 'Navrang festival' i.e. the festival of womanhood during Navaratri period. Total beneficiaries during this activity are estimated to be more than 500.

Gandhi Centenary

The 150th year of Mahatma Gandhi birth was commemorated in NSS unit with various activities

On 29th & 1st Oct 2018 the interactive sessions were developed with the help of resource persons from SarvodayMandal and NITTE. Student were provided Mahatma Gandhi's write up in the form of book 'My experiments with Truth'. On the basis of that, about 125 students have appeared for Gandhi philosophy examination on 2nd Oct and 16th Oct 2018. After successful appearance with good performance the top five students were felicitated.

On 1st Oct 2018 a massive rally of college students in association with student council, NCC and DLLE cell, with messages on placards by Gandhiji was organised along the streets of Ghatkopar and railway police colony

A special exhibition on Gandhi thought was also organised on 2nd Oct 2018 at Gateway of India as a part of University of Mumbai flagship programme 'Bhajan Sandhya'

Gender sensitisation

Over a long period NSS unit of the college is associated with diversity of programmes for gender and woman empowerment.

'Navrang' is the Flagship programme of the college in association with Railway police in which NSS volunteers organise different sessions for railway police colony Ghatkopar. Those sessions are in the areas of resilient behaviour, financial literacy meditation and yog, parental responsibilities, domestic waste management etc.

Along with sessions from stalwarts in the field, house to house awareness and exhibitions in concern topics were organised. On eighth day of Navratri, skill building demonstrations and actualisation in soap making, food processing was also conducted for the women in the colony.

NSS unit is conducting menstruation awareness programme for last three years in which, a group of trained female volunteers with the help of flip-charts discuss about the process, misconceptions about menstruation, mental health, food and nutrition to be taken during time and sanitary napkin disposal modes and processes and concerned cleanliness.

This awareness was conducted in tribal population in Dahanu, school girls, college girls, and large section of adolescent girls which influx on 6th December at Shivaji parkevery year.

Students have also attended a special session by Smt. Sadhana Bhatkhande, organised by woman development cell.

Placement

Placement of outgoing students during the year 2018-2019

Number of students placed	Name of the employer with contact details	Package received	Programme graduated from
39	Capgemini	2.5LPA	BScIT.,BSC CS
01	Nucsoft	2.79LPA	BScIT
05	Neosoft	3LPA	BScIT
05	LTI	2.45LPA	BSCIT
21	Infosys	2.19LPA	BScIT.,BSC CS
05	Wipro Pramita	1.89LPA	BScIT.
07	IRaje		BScIT.,BSC CS
01	Odessa Technologies	5.5LPA	MCom
02	Sparrow's SproutsCentre	1.8LPA	BMS
01	Zeus E-Learning	4.0 LPA	B.Sc – I.T, B.Sc- I.T

Event Name : Guideline on Preparation for placement
Organised by : Placement Cell
Venue : 609 (6th floor)
Date : 13/7/2018 Time : 11.30 am - 1.00 noon
Conducted By : Mrs. Minal Dive & Ms. Shewale
Leena P.
No. of students attended : 91 (TYBSc IT & CS)

The event was organized to give a guideline to the students before their first placement drive.
The following topics were covered: Resume writing, dress code, interview techniques, group discussion.
A group of 9 students performed the group discussion on the topic "Attendance should be compulsory or not in colleges".

Feedback Committee

For an educational institute students are the stakeholders, their opinion is essential to evaluate the institutes' reputation. Student's satisfaction concerning services provided and quality perceived was analysed using various feedback methods such as

- Teachers Feedback
- Students Satisfaction Index
- Feedback on autonomy Syllabus

We expect betterment of system functionality through the student's feedback. The received data enables us to improve in terms of displaying notifications regarding date of admission, merit list, payment of fees, availability of the elective courses, allotment of classrooms, time-table, extracurricular activities, exam dates, collection of hall tickets, declaration of results etc. To achieve student friendly environment, student's opinion regarding the accessibility of the different facilities like library, laboratory, gymkhana, administration is assessed

The quality of teaching by faculty and bringing academic excellence, the lecturer's willingness to provide additional assistance when needed, following

the course outline, the lecturer's knowledge on the subject matter, action taken by faculties during difficult situation, mentoring quality of teachers are assessed

The method used for collecting the student's feedback is through "Mailed Questionnaire Method". Using the institutional Email-ID only, all undergraduate and postgraduate students were asked to grade on the above mentioned parameters. After submission of the feedback, students then received a confirmatory mail which was cross verified by the feedback committee members only. It was helpful to ensure maximum responses. To maintain the confidentiality of data, the access of the responses was only with the Convenor of the feedback committee. Difficulties faced by the students were resolved by the several helpdesks arranged in the college campus.

As compared to the earlier method of data collection in the form of hard copies, the mailed questionnaire method was found to be more eco-friendly and also time saving. Since it required least human interference, the confidentiality of the data was maintained.

Student Council

Lecture : "How to be Successful Every Time Everywhere" by Dr. Girishankar
Venue : Seminar Hall, K. J. Somaiya College of Science and Commerce
Date : 10th August 2018, Time : 10.00 am to 12.30 pm

An Energetic and motivational Lecture on 'How to be Successful Every Time Everywhere' was arranged for students of our college by the committee of Students' Council in the Seminar Hall of our college on 10th August 2018 at 10.00 am.

The lecture was delivered by Dr. Girishankar

and 117 Students and 11 Faculty members were benefitted by this lecture. Dr. Rohini Kasbe introduced the Guest Speaker and Anchoring and (Vote of Thanks was given by Dr. Ajay Tripathi.)

Dr. Girishankar heads the G S Ventures, one of the most foremost and professionally committed HR and behavioral training company in the country, providing creative solutions to some of the multinational corporations and public sector companies. He is a management and law graduate by qualification and trainer by choice. Over last 30 years he has touched over 2 lakh lives of individuals. He has been an invitee to numerous conferences and has published many articles on attitudinal skills.

In the lecture he invoked the need of planning for career and he showed need of change in attitude towards looking in to the events happening in daily life. He gave many examples as laziness and inappropriate attitude found amongst student in very subtle and humorous ways. Students were enjoying and laughing but at the same time introspecting their own attitude and status of planning of their career. Sir asked many questions and for correct answers he gave small prizes to students which provoked students to answer and argue.

The talk was found to be very helpful, innovative and an enriching experience by itself.

Tarang – Cultural Committee

Tarang cultural committee like every year organized events that brought together fun, knowledge, creativity, innovation and freshness in all the aspects of our life. It brought out the best talents of the college.

The opening of Tarang fest was done with Teacher's Day celebration. Our first meeting was conducted in August to plan the Events and schedule for Teacher's Day. Thereafter, the Committee members and volunteers worked together with the participants to make it a grand one.

On Teacher's Day, Tarang's Inauguration was done by our Principal – Dr. Pradya Prabhu Madam followed by speeches, songs and dances. It was a short but an outstanding event.

The plans for the most awaited Annual Tarang week were initiated in October by Tarang Cultural Volunteers and Teachers. During Diwali vacation, the core committee students were on hunt for sponsors, in which they were successful. Volunteers acquired sponsorships for various Events which were never done before, setting a benchmark for next year.

The Annual Tarang Week started from 8th Dec. with the Elimination Round of Personality contest. 35 participants were shortlisted to 16 finalists

On 15th Dec. Garba Event was organized in Gargi Plaza. It was sponsored by Fusion fitness.

Discipline was observed, Students and Teachers equally enjoyed. Special thanks to Mrs. Babita Krishnan Mam & Mr. Dinesh Acharya.

On 17th Dec. there were events like – Cooking without fire, Tarang Poster Making & Paper Craft. The Highlight of the day was Personality Contest where we crowned Master Tarang & Miss Tarang. Prizes were sponsored by Fusion Fitness.

On 18th Dec. Photography was organized. The main Event of the day was Singing Competition where new voices and talents were discovered, it was a great success.

On 19th Dec. girl students and teachers geared up for Mehendi competition. Also a competitive atmosphere was observed in the campus as the participating teams strived to win the Treasure Hunt.

On 20th Dec. the show-stopper of Tarang that is the Dance competition was organized. It was a Block buster event, power packed by performances of the participants and the Judges.

Best out of waste & Painting with Brushes were held on 21st Dec.

All the Off stage Events were Judges by our experienced Teachers.

After all the hard work, the Pinnacle of Tarang Fest 2018-19 was the most awaited Annual Day on

22nd Dec. It started with the campus prayer followed by felicitation of various winners. All the winners of singing and dance competition participants got the opportunity to present their talents on this day. The surprise of the day was the Ethnic show of volunteer's core committee and Teachers of Tarang committee. It ended with National Anthem.

Tarang concluded by Distribution of Prizes on 24th Dec. to winners of all the Events.

All these Events couldn't have been possible with constant help & support of Principal Dr. Pradyna Prabhu madam, Vice Principal Dr. Shailaja Menon

Madam and Supervisor Mrs. Bina Suresh Madam and the committee members.

Special mention to Co-convener Mrs. Mary Anurekha whose creativity & vision had been a driving force throughout.

Also not to forget the constant hardwork & discipline of Volunteers that made this festival ultimate success. The cheerful audience kept motivating the participants giving their best.

Minu Sharma
Tarang Convener

Value Education

A thirty hour one credit course was conducted for TYBCOM and TYBSC on value education under SANSKARSHALA. It was a six day course from 18th April to 23rd April, 2019. Different flavour was provided to students from Art of Living, Preksha dhyan, RIIDL, Brahmakumari, Heartfulness. They were educated on values, relations, introspection, self analysis, use of mind, time management, yoga, usefulness of meditation and self cleaning process. A full day visit was organised at the Heartfulness institute at Panvel. The students learnt different techniques through the play method. Some exercises were taken up to involve the students actively in the sessions.

The sessions were conducted in the seminar hall of the college. They were also taught yogasanas by preksha dhayan meditation at Gargi Plaza on the campus.

Feedback was taken for every session online and students interacted actively with various speakers. Under the able guidance of Principal, Dr. Pradnya Prabhu the course was executed by Vice Principal Dr. Lolly Jain, Mrs. Chitra Trehan and Tejal Bowlekar. A certificate was awarded at the end of the course to all 40 participants for successfully completing the course.

Women Development Cell

Following is the constitution of add for 2018-19

1. Dr. Hemangi Bhagwat
2. Dr. Archana Padgoankar
3. Dr. Bharti Makhijani
4. Dr. Heena Shah
5. Ms. Sameera Samant

- A workshop on gender sensitization was organised on 22 July 2018. Dr Sadhana Bhatkhande was the resource person. She made

the students aware about concept of gender and the stereotyping by society.

- A workshop on premarital counselling was held on February 12, 2019 .

Around 90 students attended it.

The resource persons comprised Ms. Seema Deshpande, president Bharatiya Stree Shakti, Dr. Pradnya Kapase:, powder hospital and Ms. Ranjana Karoor and Nutan Warekar of BSS. Students were

oriented about the medical, legal and psychological aspects of marital relationship.

- A Poster competition was held on 8th march. 150 students participated to make 45 posters.

Subhash Krishnan and Reema Khanna judged the posters.

4 best posters were given prizes.

The themes were:

- Beti bachao beti padhao
- Honour killing
- Women empowerment

List of Toppers in Unaided Commerce 2017-18

Class	Name	CGPPA
FYBFM	Mirza Tanishq Anwar	9.20
FYBMS	Bhardwa Kunal	8.95
FYBAF	Chandra Alpesh	9.70
SYBAF	Chavan Ashwini	9.75
SYBFM	Barboza Merwin	9.15
SYBMS	Fofaria Krushi	9.60
TYBAF	Shirdhankar Prajakta	6.93
TYBMS	Sharma Mahima	6.93
TYBFM	Heballi Shivani	6.75

