

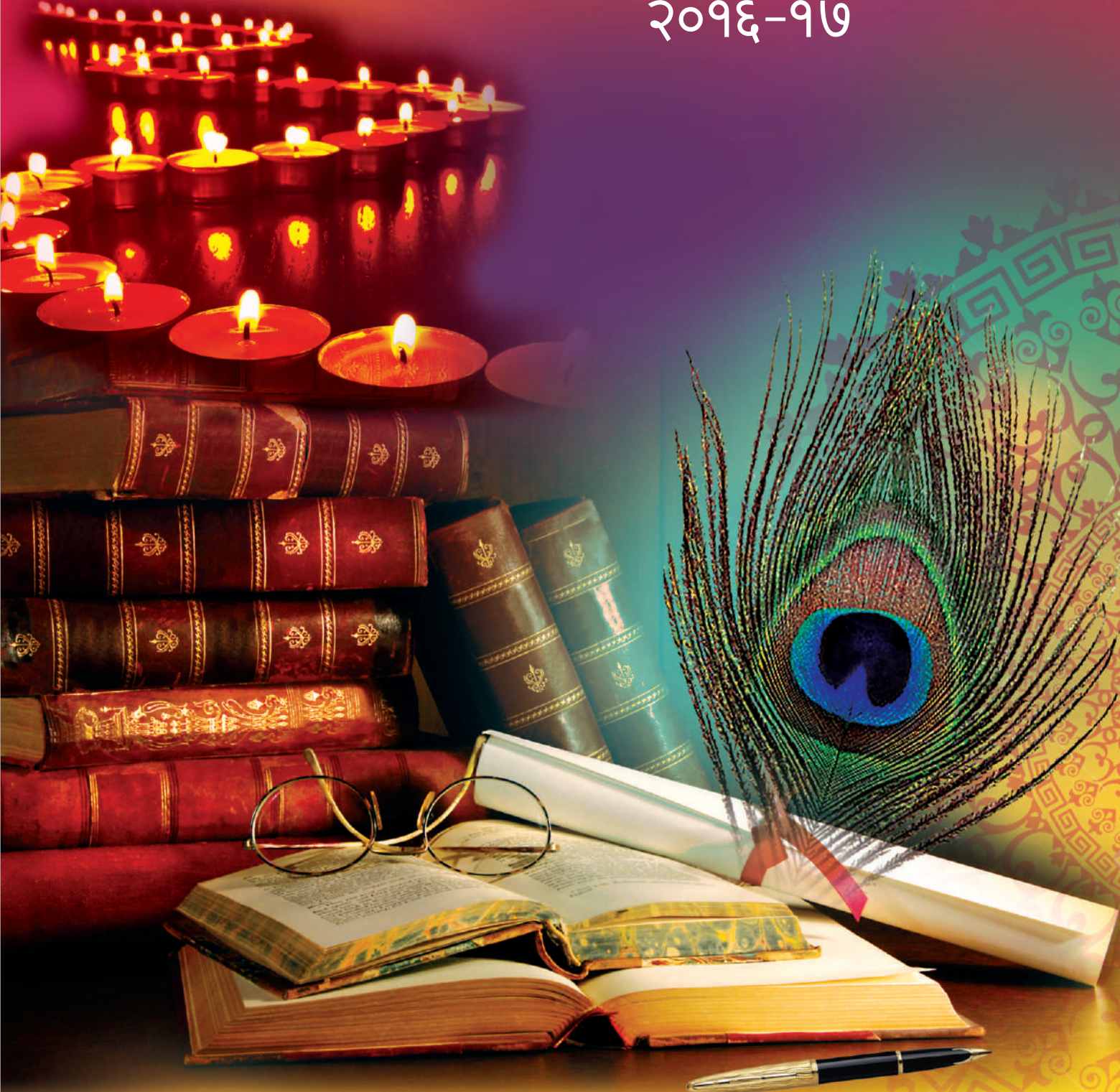


संस्कृती

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K. J. Somaiya College of Science and Commerce

Autonomous - Affiliated to University of Mumbai | Accredited 'A' grade by NAAC

Founder's Day



Dr. Unnati Padalia receiving award for Excellence in Research



Ms. Deepa Ganatra receiving award for Excellence in Teaching



Ms. Pragya Khalpe receiving award for Excellence in Teaching

National Conference on Academic and Administrative Audit



Long Service Awards



Dr. Rajendra Nayak



Prof. Ranjana Shukl



Prof. Jayanthi Vishwanathan



Prof. Archana Zanwar



Mr. Balamukund Pandey (Non teaching, Library)



Mr. B. D. Yadav (Non teaching, Biology)





संस्कृती

२०१६ - २०१७

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

Re-accredited by NAAC with 'A' Grade with CGPA 3.21
Autonomous - Affiliated to University of Mumbai



COLLEGE PRAYER

ॐ

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

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

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

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

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

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

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

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

ॐ असतो मा सद्गमय । तमसो मा ज्योतिर्गमय ।
मृत्योर्मांस मृतं गमय ॥५॥

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

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

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

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

7. May all here be happy. May all be free from disease. May all see well-being. May nobody experience misery.

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

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Autumn vector



Sanskriti

2016-17

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Our Founder



Padmabhushan
(Late) Pujya Shree Karamshibhai Jethabhai Somaiya
(May 16, 1902 - May 9, 1999)

A Message From The Founder

*My Dear Young Students,
Welcome to you to the Institutions of Vidyaavihar!
Your finest hour is here. The future belongs to you.
Let us all zealously work together and dedicate ourselves to build India of our dreams.
Remember, nothing was ever achieved without hard work.
Be bold but not be bowled over. Let Truth and Duty be your watchwords.
Never despair in the face of setbacks.
Keep courage and continue to work with Fortitude.
Have faith in yourselves and in the Almighty.
Strive for your Goals and the future is yours!*



Padmabhushan (Late) Pujya Shree
Karamshibhai Jethabhai Somaiya



Shrimati Sakarbai Somaiya

Mission Statement

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

Vision of the founder

Service to mankind

Understand and respond to the needs of modern Science and Technology

Provide a sound spiritual foundation to march into the future

Provide opportunities for all-round development of individuals

Vision Statement

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

Goals And Objectives

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

Our Inspiration



The Great Visionary and Transformational leader

(Late) Dr. Shantilal K. Somaiya

29 - 12 - 1927 to 01 - 01 - 2010



**President
Shri Samirbhai Somaiya**



**Trustees
Smt. Leelaben Kotak**



**Hon Secretary
Shri V. Ranganathan**

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

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



From the Principal's Desk

*Dr. Vijay Joshi
Principal*



What is the purpose of college magazine? Is it merely a report of the college activities of an academic year? Or a platform to express opinion and creative leanings of students and faculty members?

If the magazine contains only reports of activities of the last academic year, then we cannot call it a "Magazine." The word magazine suggests, a publication which includes more creative works than reports. The main purpose of college magazine is to inform, inspire and entertain all those who are a part of the college.

It gives me immense pleasure to present SANSKRITI 2015 to readers.

Sanskriti 2015 is an honest portrait of the college. Sanskriti gives a platform to budding authors and lauds the achievements of students and staff members. Sanskriti 2015 reflects values and ethos of institution. Sanskriti engages the reader and imbibes a sense of belongingness.

I appreciate efforts made by the editorial board to blend and sew in reports and literary works of students. The layout is very impressive and reports crisp and condensed. The magazine has become attractive and readable.

The success of Sanskriti magazine depends on the contributors' wide spectrum of subjects and ideas. I appreciate the wide variety of literary pieces contributed by the students. I hope the literary section would improve even more in future.

Sanskriti is an apt chronicler of sporting, academic achievements and curricular activities. But much more than that, it mirrors every passing day of this college....

Editorial... 



“We are what we think. All that we are arises with our thoughts. With our thoughts, we make the world.”

...Buddha

With those powerful words of the Buddha we come forth with our annual magazine Sanskriti. Lord Buddha has given the mantra for success. Success is not limited to one's profession. Success is meant in every area of one's life. Just a mere thought bringing success seems unfathomable. But history proves it otherwise. All great works in Arts, Science, Literature etc are the consequence of the birth of a thought in the soil of the mind nurtured by discipline and hard work.

The spirit of untiring efforts and meticulous planning is perceived in the working of our institution. Today we stand high with accolades from various places; be it the 'A' Grade by NAAC or the coveted CPE (Centre with Potential for Excellence). We are proud to have students whose creative potential is indeed commendable. The youth of today is our future and it is good to see them sensitized about the current issues. This is reflected in their write ups which include articles, stories and poems.

It has been a pleasurable experience collating information and editing the magazine. I wish to thank all the committee members which also includes our student editors who did a wonderful job of collecting the data and editing.

All this would have been impossible without the whole hearted support of our Principal, Vice Principal and the Deans

We wish that this magazine is a pleasant read for all of you.

- Ms. Reema Khanna

My Grandmother's House

There is a house now far away where once
I received love..... That woman died,
The house withdrew into silence, snakes moved
Among books, I was then too young
To read, and my blood turned cold like the moon
How often I think of going
There, to peer through blind eyes of windows or
Just listen to the frozen air,
Or in wild despair, pick an armful of
Darkness to bring it here to lie
Behind my bedroom door like a brooding
Dog...you cannot believe, darling,
Can you, that I lived in such a house and
Was proud, and loved.... I who have lost
My way and beg now at strangers' doors to
Receive love, at least in small change?

Kamala Das



Measurement of Learner's Characteristics in the Designing of Skill Development Programs

Mr. Jitendra Pendharkar
Assistant Professor
Department of Physics

For designing any skill development program for learner it is very important to know the Learner's Characteristics. Based on the data one can decide the programs, taking into account the possible areas of improvements. The learner characteristics like Cognitive Beliefs, Brain Hemisphericity and Learning styles should be measured for different learners of Science students. For the study of effect of entry level performance, Gender is also important. It was observed that certain cognitive beliefs are very weak and immediate attention need to be given while designing curriculum. Also it was observed that mostly Science Under graduate learners are showed right brain dominance and are favoring Visual type of learning irrespective of type of Brain Hemisphericity. This showed that it is important to convey the concepts via demonstration experiments followed by the working experience via projects or book review. The data and its analysis demands radical change in the curriculum at the University level.

It is important to know where these students are lacking or to know their strong points. How students are learning, that is to know their learning styles. One must find the tendencies of students while receiving instructions. It is important to know if learners prefer to analyze more or they prefer to make holistic picture out of it. These characteristics can be measured by standard, valid tests and one can make some rational picture of it. Let us consider some such learner characteristics:

1] Cognitive beliefs:

Students believe certain things about what physics is and how one goes about learning the discipline, as well as how one solves problems in physics. If one interviews lot of people, one finds that their beliefs lie on a spectrum that ranges from 'novice' to 'expert'.

The research used survey that can measure where on this scale student belief lie. Also

correlations have been developed, between conceptual understandings and these findings.

What do we mean by novice in this context?

Adopting the characterization developed by David Hammer, Novice see the content of physics instruction as isolated pieces of information- handed down by an authority and disconnected from the world around them- that they can only learn by memorized recipes.

Experts, that is, physicists see physics as a coherent structure of concepts that describe nature and that have been established by experiment. Expert problem solving involves employing systematic, concepts based, and widely applicable strategies. Since this includes being applicable in completely new situations, this strategy is much more useful than the novice problem solving approach.

2] HDT [Hemisphere Dominance Test]:

This is established test which comprises of 50 questions with two options. Option A indicates right hemisphere dominance, and option B indicates left hemisphere dominance while selecting both options indicates the integrated hemisphere that is a person is using both hemispheres with equal intensity. It is very important to know the overall distribution of hemisphere dominance amongst students for designing task of teaching and learning.

Definition of Hemisphericity: It is the bias in thinking orientation, behavioral style, and personality resulting from the inherent laterality of one's sole Executive system within the asymmetric bilateral brain. Thus, depending upon which brain side "the one and only you" inherently is located, one is either a left or a right brain oriented person.

Left Hemisphere: This side of brain is the

dominant hemisphere where language and speech are produced. It concerns with logical and analytic skills. We will term it as B.

Right Hemisphere: this side of brain is initial receiver of information. It concerns with artistic or creative abilities. These peoples usually want simple answers and prefer to think holistically.

In general it is important for instructor to have knowledge of brain Hemisphericity dominance amongst students to develop learning experiences for students.

3] Learning styles:

The ways that people go about gathering and interpreting information can be surprisingly different. Research shows that people have different preferences and strengths in how they take in, and process, information. These preferences are sometimes referred to as **learning styles** and are used to describe and help us understand the different ways in which different people learn.

Some learners may be very receptive to visual forms of information such as pictures and diagrams, whilst others prefer written and spoken explanations. Some people prefer to learn actively and interactively, whilst others work better on their own.

The idea of learning styles usually refers to a **preferred** way of learning. It implies that each individual has a natural inclination toward learning of some kind and, that if that preference can be identified, teaching and learning

experiences can be provided to help that person learn more effectively.

However there is no single learning style theory that is universally accepted, nor is there a 'right' way to study or 'best' way to teach. Teachers should also avoid the temptation to try to categories or confine individual pupils to one learning style. Age, educational level, and motivation influence each pupil's learning so that what was once preferred may no longer be that pupil's current preferred learning style.

Some Observations:

After Surveys and co relation studies, it was observed that the beliefs regarding, Coherence, Concepts, Reality Link, Mathematics link are very Novice like. But the Effort domain is very developed, which indicates that students are ready to put efforts required in developing the concepts.

Most of the learners showed Right Brain Hemisphericity dominance, this indicates along with logical and mathematical description, more emphasize should be on project base learning. That is learner should get option in examinations that is to say instead of typical summative examination learner should allow to take project base evaluation.

The study of Learner's learning style showed that most of learners showed Visual type of learning. This again showed that after the concept based learning, more emphasis on experiments is to be given. Demonstration experiments can be shown to them. Also project based learning must be promoted.



Automated classrooms: The future of learning environments

Nithin Nair (Unaided section)

The word automation refers to the technique, method, or system of operating or controlling a process by highly automatic means, as by electronic devices, reducing human intervention to a minimum. Automation is taking place in almost all sectors. One of the main reasons behind this is reducing the cost and increasing productivity and efficiency. Not to mention the amount of time and human energy saved, but will also help us to reduce errors. One such field

which is undergoing or is going to undergo a giant leap in automation is the education sector.

Our concept of what constitutes a learning space is rapidly evolving. The concept of automated classrooms is no more a science fiction. The typical old classrooms which include a person called the teacher who teaches his/her students mostly through verbal means explaining the textbook concepts and

taking assumptions and giving examples in order to make the students understand and grasp the concepts are soon going to be a history. The automation has found its way into the classrooms where there would be no teachers and textbooks but a big projector or monitor screen which will explain all the concepts in more colourful and graphical manner. This way of teaching has proven to be a success and has a bit of an edge over its typical predecessor. Children are found to be more attracted to the new colourful graphical screens than the old textbook pages which are more often just black and white letters with no graphical representations. And no wonder why because most of the children like to play video games and so why not present their syllabus in the manner of video games so that they no more find them boring and irritating, While this may not be true for all the children but let's hold on to the majority for the time being.

Well, the features of automated classrooms are not just limited to learning. With automation there comes the term "positive attendance". Not to mention the rise in number of students attending the lecture due to popular teaching method. Automation will also help to record and monitor the activities of a student throughout the day. For example, making the ID card as the authentication key to access all the facilities of the campus including lecture hall and canteen. And by this the institution can monitor wherever a student goes and how much time he/she was present over there or how many lectures did he/she attend and the list goes on. It will also help the institutions to figure off campus persons within the campus for security enhancement. Positive Attendance is a new concept with plenty of untapped potentials. Positive Attendance supports the emerging trend of mobile learning environments by significantly reducing manual attendance processes.

Automation of the common classroom hardware will also help the institution to curb the expenses and thus provide a clean studying environment to the students. For understanding this the first step to an effective technique implementation is knowing that you are getting the most out of your investment. By automating your classroom's hardware via an intuitive interface, you can all but guarantee that your teachers will use their high-tech tools more often and with greater efficiency.

Well, every coin has two sides and like that automating a classroom also have its own disadvantages. The pure and preservative teacher-student bond won't exist anymore. Also, the personal experience that is shared by a teacher is not procured by the students. The sense of discipline and respect for elders among students may also decrease as machines won't teach them real life values and morals. Also, a large amount of electricity consumption can lead to a much heavier electricity bills. Also causing a major hurdle to the energy conservation taking into consideration the number of schools present in a city.

The phrase "automated classroom" can be intimidating and even offensive when taken out of context. It is important to point out that the purpose of automation is not to replace teachers with robots or creative expression with artificial intelligence. Its sole purpose is to support teachers and students in pursuit of a safer and more productive learning environment. So keeping its disadvantages aside you will find that, when automation technology is implemented correctly, upfront costs are dwarfed by the tangible returns in instructional time, administrative efficiency, and student outcomes.



A splash of thoughts

ARTICLES

One heartbeat bearing two lives

Maharshi Soni

SYJC-E

Friendship is a fire raging amongst two souls that keeps their heart warm from the chills of life cold enough to freeze your hopes. It is like nature

never asks for anything just gives you with a condition of pureness.

Friendship is that smile that appears on your

face when you're alone and all the memories of every moment lived your best friends gush by your mind. When you're broken, these memories make you feel alive once again. It is a craving that keeps you awake with a discomfort of fact that you haven't seen someone the whole day. Friendship, it's the most peaceful part of one's life where you can be sure of staying problem-free forever. Every friend we find is one of a kind.

Best friends are like mirrors and shadow, a mirror never lies and a shadow never leaves. They are like a journey whose destiny eventually turns out to be life. Best friends are the ones whose words can change your life. They boost your confidence with such a power that success may be achieved or not but satisfaction will definitely wrap your heart. Best friends are that audience who would always be there for you to speak out loud with their support like a stage and your bond like courage. Best friends, who nest an

empire of memories without being concerned of how many riots they'd build, Best friends are like pearls you, need to drown in deep to find one.

Best friends are our lifeline, a second chance, a retake to make things right. In life every path has its difficulties best friends just make it worth doing it for. Best friends are a blend of fun and care that binds us in a cocoon of emotions and respect for each other.

Best friends, they leave us honey mouthed at a moment and in a fleeting glimpse... sugared nostalgia. Best friends are human diaries of unwritten words, ghosting around like bewilder beasts.

We may have everything in our lives, but it takes something more than everything to replace a friend's importance. So if you ever feel low, don't think you're alone. Because I'm sure you have at least those few honest friends out of many who'll always be there for you whenever you need them!

'Live For A Purpose'

Parth Dhila
FYJC-D

My First question to you is ... Are you living?

I'm not talking about your heart beating and your lungs filled with air and your mind working but your Inner Soul.

I bet you aren't... Going through the same routines everyday mindlessly and heartlessly... Slacking around, eating, sleeping and repeating... Is this what you wanted to do when you were a small child and someone asked you, " *What do you want to become when you grow up?*"

Don't just live because you were born and aren't dead yet... Live for a dream and a vision.

I know that that small child with a pure heart had a great aim in life. What happened to that? Are you putting in the efforts that are needed!? Living aimlessly and purposeless is not called living!

Whatever you do if you study, train or work, you need to put your heart and soul and give it all your efforts to fulfill that dream of yours. It's as cliché as it sounds but this is what it is!

Life is like the quote," As you sow, so shall you reap". So if you are still sitting on your couch munching on some chips and scrolling through your phone or simply wasting time, it's time that you get up and do something productive. Listen to your heart; recollect what the little you wanted to become, accomplish what you couldn't all this while.

Have a vision and put your all vigour to reach it !

Start living with a purpose. You are no robot that has to be given commands to work. You know what you want to do deep down inside. So get up and start doing it right away!

This is above all: to thine own self be true

Khushboo Kar
FYJC-D

Who knows yourself better than you?
...formerly whenever I had guests, relatives at home

it perhaps was awfulness for me! As soon as they had no topic to converse on, their thoughts would for

sure zero down to me. The way I look, I talk, my figure and all defects in me. I always became their crisp topic of gossip. First my relatives would hate me for being a girl; they would insult me to the extent that I almost feel that miracle hits me and I turn into a boy. Which makes me believe life lead being a boy is way much better.

As I grew, comments weren't just confined to the gender, and it spilled on to my complexion! I was teased and threatened mercilessly. I broke into tears and that was the end....well murder of self-confidence. It's not uncommon to find girls that have had traumatic events take place in their childhood and even adulthood that hinders their ability to develop an appreciation for their skin color because society tells them (us) that they are not beautiful unless they're fair. I literally hit my head up against the wall on which hung the mirror every time I saw myself because I was so called "Dark and ugly".

Teenage, the heart breaking phase- As soon as I become a teen.....next popped up the phase of being called, "fat". It's the one word teenage girls love to say but hate to hear. The thing that offended me the most was why every topic of conversation zeroed down to lecturing me on my body image? None but me out of all my cousins was pointed out. When I tried to find out why none other were criticized, I realized that my cousins had always strived for a "zero figure". What was the alternative they found? It was being "anorexic". In no way did I want to get a place in the anorexic community list, so probably just hearing and forgetting and well fighting for my self was a technique I adopted.

They often wonder "How will she (i) ever get a husband ? So dark and fat! Really, what a problem for her mother ..." Problem – that is what I have always been in the eyes of my relatives. Was it because ... well, because I was! I was a dark, plump, shy –and that was the problem. I hated myself – hated looking at the mirror, choosing dresses to wear, and hated looking at the jewellery or cosmetics that teenage girls usually drool over. I looked at my pretty cousins-fair, lovely , zero size figure... were they happy? They laughed a lot, it's true, but was the laugh a laughter of happiness or was it the nervous laugh of people wanting to pretend that they are happy? The truth was –their laughter was a cover for their extreme happiness – a sorrow that sprung from the

fact that they had to act the entire time- act to be someone other than what they really were.

Sports beckoned me – football! How much I loved the raw energy, the rough and tumble, the speed ... Everything about it. "Football!" shouted my horrified relatives. "Nice girls don't play football! In fact, *girls* don't play outdoor games at all!" I got selected in the inter school team of my school. But my family members objected. "*Girls don't play football, if you want to play, go play with your dolls*". That's all. I was stopped from playing. Sports were not allowed. Then gradually in every get together I got to hear much annotation on the way I eat. My cousins too remarked on me. Relatives made inflections on the way I walked, crooked and jagged.

This was the heights. It was just unbearable. I became unsocial, because I couldn't blend with others. All my friends are fair and I was a piggy dark girl. Just fat, dark, ugly, stopped from attending parties, not allowed in sports and on the top of it all hated by her relatives. I withdrew myself socially. I hardly had any friends then.

But somewhere in this long journey there was a friend always with me. She's better than me. Thin, fair, pretty intelligent, tall but a great supporter. Once in school when I just as usual was walking around with a plastic smile pasted on my dark ugly face she placed her warm soft hand on my shoulder and stopped me. And there stood my class mate. For a moment I felt as if she has predicted the problems. I was going through. Then I wondered such a fool am I! How could she just predict it? But when she exchanged a few words with me and indirectly intimated me that she was aware of my problems, I became afraid. I was unsocial and was afraid of the fact that is she might reveal all my fears; I would have no place of peace. She knew what the best way to help me was. As time passed by we became best friends. In order to gain all the happiness by being fake, I had lost touch with what is real.

We all have flaws but we need to overlook them in ourselves. I want to be fair, but it is natural and I like the way I am. People in the craze or psychologically under society pressure, undergo painful and expensive surgeries to change their complexion to look fairer and better, more attractive and. Actors, film stars, and we civilians too have the craze of becoming fair. What is the outcome? We let

others shape our thoughts and personality.

Yes, I agree that even I wanted to be thin like all my cousins. Well, being “anorexic “is not the alternative. Loving yourself comes first. Young teens get along for weight loss therapies and operations. They bind themselves at a growing age. This is not totally their fault. These girls are actually pressurized by family, friends and society. We need to change the way we look at things.

Playing for girls is not just about dolls because today in the world there are women successful not just in the field of sports but also in various other fields. If Mary Kom the best “Women boxer “did not have self-belief then she wouldn’t have been successful today. Saniya Mirza, the best tennis player knew her actions very well. She had self-honesty and knew her thoughts and feelings well because it was all hers and her goal was set. We just need to be true to ourselves.

It is amazing how most of us are not true to our own self just like I used to be. We allow other people to define who we are! We don’t even accept or love ourselves.

I believe that there is sanity in every single person on earth and whether you intend to or not, you learn

more and more about your goodness every day in your kind actions and thoughts. Our feelings and thoughts, our actions and beliefs are most known by us because they are our own. Knowing things about ourselves and being honest to oneself is the key to self-discovery. A very few people are proclaiming to the world: We want to be who we are, without anyone else defining us. And that’s a good thing. I am a self-confident person and take over the stage; performed and have won several prizes and would continue to do so. Looks also don’t matter to me, I figured out, it’s just the way we carry ourselves. It took me years to understand this simple statement. For me it’s a goal to make each and every girl out there who went through or is going through what I suffered that people would keep commenting or hating you, they would try their best to demotivate you because they are jealous they can’t be you; all you need to do is give them a deaf year and keep doing what you want to.

So well written by Shakespeare as a dialogue of Polonius, “this is above all: to thine own self be true”, is the best advice that tells us to know, love, believe, trust and be honest to ourselves as human beings . Now when my relatives talk about me being a problem, I think to myself—”It’s your problem, not mine if you can’t accept me as I am!”

This is your Story

Ketan Parte
FYJC-H

Each new day adds new memories in our life. Some memories are too close to our heart. Some are captured in photos, some are written in books, while some remain forever in our thoughts.

I had read in a book, “*Everyone has a story to tell, Everyone is a writer. Some are written in books, and some are confined to Hearts!*”

We all have a story and we all need time to explore it, to be able to read it. The Good and Bad turns in your life, the speed breakers in our life, the guiding signboards, other travellers and yes, our co-traveller; this is our story of the journey of life, of achievements, friendships, relationships and humanity.

Often people compromise on their dreams thinking what others would think. To them my dear friends, is a short suggestion:

Never compromise on your dreams thinking about people’s views. Remember that our story lies in our dreams, in our attempts on chasing them and finally in the end, not money, but your success in fulfilling your dreams will rather make you happier.

So, this is not just about you and me, it’s about someone’s story of struggle, someone’s story of love, someone’s story of following their dreams and someone’s story of living life.

Vanguard of Victory A day aboard the INS TARKASH

Vistasp Edulji
FYJC-C

14 NOVEMBER 2015, Mumbai: The navy week an event that happens once a year offers the general public the opportunity to view the mighty prowess of the Indian navy. During last year's ongoing navy week I decided to grab this opportunity presented to me. After waiting in the hot sun, in a line that stretched for over a kilometer, for 2 hours I got my chance to get onboard the INS TARKASH, a frigate under the western naval command, and view its true beauty. However protocol made it mandatory for us to leave behind all phones and cameras as photography was strictly prohibited. Once on board the captain and the crew explained the various components of the second gen tej class stealth frigate. I also had a chance to interact with one of the officers on board the ship to gain some insight into the world of the Indian Navy.

The ship can sustain its crew of 253 for 15 days in terms of fuel and carries ration for 30 days. However in times of difficulties it can refuel itself in the sea itself. The ship is powered by a gas turbine engine and does a maximum speed of 32 knots. This gives it an extensive range of 10000 nautical miles. Along with these it's equipped with minor operation theater, self-sustained diving team and fully equipped gymnasium.

Even with this much distance between home and the ship the crew feels relatively safe as the ship is equipped with an arsenal that can easily

thwart any and all kinds of threats. The cutting edge weaponry onboard includes supersonic anti-ship missiles Brahmos (made by India and Russia and hence the name Brahmos a combination of Brahmaputra and Moscow), anti-submarine Shithil missiles, a medium range turret with a range of 25 km called A190 and AK47's elder brothers the AK630 as short range guns. Its crew is given the indigenous INSAS machine guns. These coupled with its advanced radar, speedboats and Kamov chopper make this a ship not to be messed with.

The man at the helm, the captain Pradeep Singh is the holder of the prestigious Nao Sena Medal (gallantry), which was awarded to him for operation Rahat in yemen in 2015.

Tarkash is a quiver full of arrows which formed an integral part of the battle armour donned by the warriors of Ramayana and Mahabharata. The insignia is a unique entity that encapsulates the supreme might, magnificence and combat prowess of INS Tarkash. While the numerous weapons carried in the quiver signify the devastating combat potential of the ship, the design symbolises the warships sleek design and stealth features.

When one views such display of might by the navy one feels perfectly safe, knowing that while we sleep the INS Tarkash protects us from the dangers that come from sea.

□□□

“ Women :- Yesterday & Today”

Soni P. Ranawat
FYBCOM-F

The times when women were too shy to discuss sex over tea or to dance to the rhythm of songs, that depict women with all her sexuality and glamour, well gone.

Today women have accepted their sexuality more than ever. They no longer want to be their father's son. They want to prove that daughters are

better than son.

Injustice within our society still manages to live on, through in equality. Throughout many years, womanly ranks have greatly grown in society's level of importance. But for many women in the United States, they still have something to worry about. For

many female employees, something dark and unfair sits quietly in co-operate payroll department, far from its final destination in the female employer's pay check. Their pay rate compared to that of fellow male workers is far much degraded. Anyone can see that men will paid more than women in most jobs, but to what point? Three simply isn't a reason.

At some point in time, women in the United States and other English speaking countries did not have the rights that they have today. Most women were commonly seen wearing dresses, never pants, and doing all of the house work, such as cooking and cleaning. Women then were expected to follow their husband's wishes and were commanded around like dogs. They did not live in the society, but were instead used as tools. Women's rights were severely restricted, and they were not allowed to even vote for what they believed in, work in machine shops or offices, own their own business, or even own the property they lived on. It was even uncommon for a woman to have proper schooling because they were thought of as a whole.

Things should have been different. Women should have been thought of as normal human beings with all of the rights that men have exercised. Equality between the sexes should have been something more natural to the nation than anything else in the world. The constitution itself did not exclude women from having rights. Women should have been able to, at least above all things, own some part of the land that their children were raised on, and at least speak their mind like men do and still do.

World War II not only made a dent in history as a great battle, but it was the up bringing for women in the society. After the draft pulled men off to fight in the war, the women were left behind to care of the house and children. They should have participated since beginning for not only World War II, but for the production of military weapons and requirements and equipments utilising time, instead of just sitting around and doing nothing. But after the men left for war, military companies that supplied guns to the men were well short on workers. Company owners soon decided to allow eager women to work, so companies could once again flourish and continue making their well needed military equipments. Women finally got a chance to boldly express themselves by working in shops, offices, and companies that they were well wealth being accepted in the world as the equally standardised

arms to men. Bearing in mind, women are outstandingly powerful demonstrations, men started to realize a difference in their understated and obedient wives and daughters. Females deserve equality and freedom of opportunities.

After war women decided to continue to work, but this time for equal amounts of money and better jobs. They were still not being treated fairly in the work place. Ladies were not paid an equal amount as men, but yes was nearly a bit harder for women to get higher ranking jobs. The female population began to exercise their skill in court as they thought with the justice system, declaring that they were just as capable of working as efficiently as men, and for the same amount of money. Women were doing the right thing getting together to fight a war different to the one that dealt with gun and hilling. Women's fight for independence was a revolution that had given a chance for their freedom and equality and they were worthy of. They finally realized that they didn't deserve to be treated the way they were.

In America also women stood up for their place fought for independence and justice. Women throughout the land were protesting for same rights as men. Women's fight for independence demanded most of all the things that they have missed out on before. Political rights, social status, and owning properly were just a few of the things women wanted to have. They were fed up with being treated as lesser form of existence and proudly declared gender equality all the way about the nation.

Today, women are still not equal among they continue to fight against pay check that in some jobs are indeed user than that of other male employees of the same business clerk. Across the United State, women still don't get paid equally their share, and there is simply no reason for the lack of money. Men and women have admitted their equality to each other for the most part, except for few who think they are better than everyone else. Women are equally as deserving of pay checked that are not gender biased.

No gift is better than the gift of level and water
No date is better than Dwadashi
No Mantra is greater than the Gayatri & Mantra
and
No God is Greater than "MOTHER"

□□□

Impractical

Kavy
FYJC

Life is Impractical,
truly it is,
If you don't believe it,
then pay attention please.

Jokes are impractical,
Also suspense is,
It lies in movies which you thrill of freeze.

Questions impractical,
Too the answers are,
But Answers lie in deepest layers all case of your
heart.

Impractical means impracticality,
and impracticality challenges our Life,
whether it be beautiful & unset or an awesome
unrise.

Truely life is impractical,
So don't guess how,
It aims to surprise you, surprise every time,
So enjoy these thrills in life with happy &
cheerful

Through the storms and through the rains,
Through the dark and plaintive days,
You brought a grin on my face,
You cuddled me with all your grace.

The problems I thought were so colossal,
You made them as poky as an ant,
You cheered me up and kindled in me,
The strength to achieve all that I want.
The values of resolve and determination,
Conviction and dedication,
You reinforced in me.
All you did was just to see your little child glee.

Ending

Kavy
FYJC

Everything has its ending
Ending of its lies
End may happy also may be sad,
Sometimes often a likely tragic end.

End is a sorrow,
Sometimes also mirth
Because end brings a new birth, new story on
earth.

Ends never end, endings go on,
So relax and enjoy the ride,
Spread your time throughout and world wide
Because due to heroic ends millions of hearts are
won.

So don't worry for your futures end;
Because
Ends never end.

Endings go on

□□□

My Mother

Karishma Vekharia
FYBSc.

Your doctrines are all embedded in me,
Your values all engraved you see.
No one else can be further,
Of you my LORD, my dear MOTHER.

□□□



“Poetry is an echo, asking a shadow to dance.”

POEMS

The diary of a new student

Khushboo Kar
FYJC-D

A new place, a higher grade, freshman year,
I walked into the college a little frightened with fear.
As I took the first step on the stairs,
I tripped and tumbled, of course because of the person I am.

That was the first fall, I'd probably faced here,
how hard was it going to get further?
Picking up my bag and brushing off the dust,
my eyes scanned my way ahead.

Fidgeting with my T-shirt,
ouch! Once again, I did get myself hurt.
Alright. After that fall,
I stood up straight.

Sucking in a deep breath I shrugged my shoulder,
The way ahead seemed full of hurdles, I had to be boulder.
Stepping into the classroom, my extrovertness disappeared into thin air,
I lost track of things happening around me, I got lost somewhere.

Taking part in dramatics came handy here,
with a confident expression I seated myself on the desk to which the exit was near.
I wondered how I'd spend the rest of the year!
It seemed like back to grade one, motives to socialization was clear.

Slowly, the deserted class looked like China,
the murmurs got louder like screeching hyena.
my brain updated and mission socialization upgraded,
the girl next to me and I, now communicated.

We missed school all of a sudden,
lost into the wonders of how we'd study so much! It was a burden.
Next popped up was how'd our teachers be and just as we got into the debate like politicians,
walked in a professor followed by her was complete silence.

She began by addressing us and then conducted the orientation,
we all were eager to listen more and more with anticipation.
the next day and over few weeks, we were introduced to other professors,
as my social group grew, there came up many confessions.

Well, all of it was just about,
how we felt proud,

to be a part of K.J.Somaiya, a reputed college,
with staff so welcoming and friendly with a valley of knowledge.

And that's how my feelings from the first day over weeks now,
turned over to a huge smile from a frown.

Can she ?!

Vishal Yadav
SYJC-J

Born with a disgrace,
All the difficulties she had to face
As she grew young and bold,
Society began to put her in the inferior mould.

A twist in the tale,
The bodacious female thought never to fail.
Believing herself having the colours brighter than the rainbow,
She soon learned never to say No and not to ask so.

Dreaming for a beautiful morning, she worked all night,
Penetrating the avalanche as a Snow white .
Her telescopic brain,
Knew the importance of every life grain.

She was no more a burden,
But a blessing to the world.
Unravelling that the question "Can she?" was the answer to itself "She can ".

Last Whistle

Krunal Mehta
SYJC-E

There stood an old woman on a platform near the train,
Cuddling two little lads from the window pane,
It seemed as it was her best moment ever,
She was intoxicated with love for her treasure.

For her they were everything, one in a million,
They were very dear to her, her grandchildren !
She tried to play with them in all possible ways from a small space,
All her emotions were seen clearly on her wrinkled face.

Suddenly there was a loud whistle and everyone was in a thrill,
There began the hustle and in the middle she stood silent and still,
The train began to move and everyone was exchanging goodbyes,
She walked a few steps and the tears flushed down her eyes.

Mirth of my life

Yash Rathod

FYJC-C

Whom to say' and what to all to say,
Whose trust will be worth,
Finally, I decide today,
Only death will gift me mirth.

I am not the only one, who has ever been betrayed,
Even Jesus was crucified because of Judas,
Yet alive life has kept me,
After love leaving us.

It blunts me not on the body, why do these eyes cry.
Finally, i concluded that,
This heart begs a reply.

I'll breath, I'll smile,
Because I had been with you,
What makes me live, my life,
Are your memories through and through.

Though a theist, I beg not her,
Because I know plays with me, her destiny,
What could you expect from he who has nothing.
You, happiness and money

Out of the darkness

Khushboo Kar

FYJC-D

How does it feel, when nothing heals...?
That day was unforgettable!! They broke a button of my skirt and claimed I am fat! It hurts.
I locked myself in my dark room.

As I sat there and thought about all days that passed by,
Tears brooked down my face and I began to cry.
I ran to the mirror with a fear because the world said my mirage won't fit in it.

As soon as I appeared, I gawked at my reflection.
Clearing my misconception, the mirror got me rid of my masquerade.
But I blubbered, thought it was time to say good bye.
Can't say I didn't try.

But as the first glimmer of sunshine brushed my tear strained cheek, it awoke me.
The soft winds flic-flacked my hair and whispered, "You are one of your kind."
These words filled me with pride.

I chafed my face and assured that I would hold my head high.
Piggy fat and plump but healthy I am.
I am a soul of pride.

Touch speaks

Krunal Mehta
SYJC-E

Years back while crossing the road I held my mother's hand,
Knowing it won't protect me from danger,
But still I felt the comfort,
You know why? Because
Touch speaks.

When I sat sad and crying all the day,
My friend came beside me and did not say anything,
He just gently patted my back,
And I felt lonely no more,
You know why? Because
Touch speaks.

While in times of trial when I lost all the faith,
Someone just came near like a beacon
And held my hand,
I felt refreshed and moved ahead,
It's because of the touch,
It speaks.

Once at night there was a heavy rain and lightning,
There was whistling breeze and rumbling thunder,
I first hid inside my blanket but it still wasn't enough for me to sleep peacefully,
Then I went to my dad, held his upper arm and slept,
I felt the fear washing out.
It was because of the touch
It speaks.

When I met my best friend after a very long time,
We hugged each other tightly.
We both had so much to say
But the touch,
It spoke it all

While we were losing the football match,
After the half time, when match was about to resume again,
We, the whole team just stood in a circle with the heads closed to each other
And hands around the shoulder of team mates,
Our captain just said, "Let's defeat them,"
We won, it was not his words
But the feeling of unity when we were all close together with one aim
After all this I did realize that
Touch does speak.

When everything remains silent and still
When you feel lonely in this world
When you are at the lowest of your mood
When you can't say anything
Touch speaks

First world was a big place where people used to stay miles away but still used to remain close.
Now world is a small place where people stay meters away but still are distant away.

At this point I sometimes ask my self
"Has the touch lost its essence?"

No to terrorism

Meghna Visariya
FYJC-F

The time was flying in the same way,
The roads were flooding in the same way,
The people were working in the same way,
But then the area was under domination

The flowers in garden now no more blooms ,
The humanity does exists that's the question
The mother earth is losing her kids,
And is continuing losing the dedicated ones.

When will the terrorism cease?
When will the peace be established?
When will the divine brotherhood be spread?
When will the blood flooding cease?

Mother earth has already witnessed the bloody war,
When will we adopt the principle to live and let others too,
Do we want to prove us mightier or others weaker by war,
AsThe mightier will have mightiest and weaker the weakest too.

We have to open up, we possess the power for it,
We can do and we will surely do has to be conviction,
If we can dream it we can surely even live it,
For that what is needed is just the integration.



My Inspiration

Rhea Kataria
FYJC-I

She held me first,
When I was born.
Ever since that day,
She taught me to be strong.

She encouraged me,
To leave my fear aside.
She taught me to preserve,
And always value time.

She taught me,
No matter how hard I fell,
Never give up,
But stand tall again.

She kept me energetic,
Happy and inspired,
Never let me feel sad,
Hopeless or tired.

She was by my side,
When I explored the world outside,
She let me be free,
Let me open up my mind.

When I was lost, hurt,
Aimless and confused,

She convinced me it was all,
To learn something new.

She is one of the few,
Whoever understood me,
She saw my limitations,
The ones that others could not see.

She led me the way,
Guided me each day,
Even when I was wrong,
She held me anyway.

She sacrificed everything,
That she wanted to be,
She did it for me,
Just because she loves me.

She is more than just a mother,
She is a teacher, a friend,
She is the one, who will be,
With me until the end.

She is the role model, the mentor,
The guiding light...
The meaning, the purpose,
The SARATHI in my life.

Stairway to heaven

Krunal Mehta
SYJC-E

My body became cold and dry,
I could slightly hear some people cry,
I was lying on the bed all numb,
Loneliness was all I was trying to overcome.

I was dying but I couldn't feel the pain,
Spark of living I was trying to sustain,
Regrets of things within my heart I bore,
Pulse was all I was trying to restore.

I was not scared of death but scared of its consequence,
It was the moment I realised the life's prominence,

I was unable to move I was completely
immobilized,
I was desperate just to open up my eyes.

My hopes went low and my pulse was about to
drop,
The vibrant will of my soul made the last throb,
My spirits sunk and beat was all deaden,
That's when I saw the stairway to heaven...

Stains

Ketan Parte
FYJC-H

I sat and thought
Why I cried a lot
For I had sorrows
More than my laughs!
No words to say
Getting numb day by day
The depleting me
I can't see myself!

To whom should I complaint
There's no one to listen
I'm going far away
Day.... by day....
My energy diminished
And thoughts vanquished
Gone far away
Leaving me alone

I know my lines
Aren't rhyming along
But emotions need not
Always sung in a song!
Because songs are for fun
But these lines aren't
They hold a special place
Somewhere deep in my heart!

You get what you give
As the karma says
But I'd rather not give
To get saved from the gains!
Those harmful gains
Cause deep pains
Deep in my heart
They left their stains!

Crying's not an option
Nor is my death
I smiled and faced them
They were a part of my fate
Bold I became
And warded them off!
But while doing so
They left their stains off

No single soap
Can wash them clean
They are the marks
That I'll bear willingly
They were my fate
That I've got somehow
Deep in my heart
They'll kill me off!

□□□

Life's Recipe

Rhea Kataria
FYJC-I

Life's recipe is easy indeed,
If known are the things we need,
The core ingredients which now pay heed,
Are hard work and good deed...

Hard work is the perfect base,
Good attitude for the glaze,
Mix goodness of heart in the batter,
Just avoid a lot of chatter.

A little patience to top it now,
Joy and sorrow equal somehow,
A pinch of love can do wonders,
Will power can erase all blunders.

These things together in perfect amount,
Will give to us without a doubt,
An unmatched confederation for sure,
And will turn life heavenly and pure...

□□□

She!

Krunal Mehta
SYJC-E

She was peeping out of the bus window,
The smooth zephyr was passing by brushing her cheeks,
She was smiling as there is no tomorrow,
For her there was no room for fear and sorrow.

Her raven curls of hair were waving with breeze,
She forced her eyes open against the wind,
It was the most beautiful glance I ever had,
I wished I could make that moment freeze.

I saw her just for some seconds and noticed the beauty in her eyes,
That five year old showed me the unbridled paradise.

□□□

The moment of love

Khushboo Kar
FYJC-D

A ribbon of moonlight streaked upon us,
I fear it but he loves the dark.
His eyes were a pool of liquid moonlight,
as he gave me a long penetrating look into my eyes.

Under the wide open sky,
the cool winds whispered to me as they whistled by.
We had departed from mom and dad, I never expected anything to happen this way,
neither of us had a word to say.

As we walked together on the deadly silent shore from where the ship just left,
many scary, unfriendly faces passed by.
it was a new place and I needed company,
better than an unknown friend is a known enemy.

We had been around hating each other for sixteen years,
until that day I affrightedly held my brothers hand,
and realized he was the only one who would stay with me for life.

I never knew that, that moments company of his,
was a company he would give me for the rest of my life.

There that night being left behind,
Two siblings found their best friends for life.

□□□

Wedding ring

Krunal Mehta
SYJC-E

She was young, naïve and bold,
She dreamt high and was looking forward for her bright future to unfold,
She sought for happiness not fame,
But who knew there was a bitter future for this young dame.
Her parents wanted her to stop whatever she was doing and marry,
With this her life had a great adversary,
She did not like her fiancé who was chosen by her parents,
She was feeling doomed as her life had lost its essence.
She wanted to climb but couldn't go higher,
She wanted to dream but couldn't desire,
She wanted to fly but they broke her wing,
And all her life collapsed with the wedding ring.

□□□

Free

Akshita Maru
FYJC-D

In this era of freedom,
We all have built our kingdom,
We are so engaged in our obligation,
That our life starts losing its direction,

We are so tied up in our affairs,
That we aren't doing our life fair,
We may have accomplished the most of success,
But what about our life did we live it to our fullest?

It's time to be free,
From this competitive and dull world,
And look on the other half that is enshrouded and curled,
Try to seek felicity in every moment,

That's what life is about to search for your missing components!
Explore your passion and reveal your soul,
Liberate the architect that was dead inside you whole,
Now it's time my friend to know what you've got,

Don't wait for the right moment or it will rot and rot,
Get on the ride leaving beside the rest,
Don't care about the world or you'll lose your zest,
So let us make ourselves free,

Live like nobody's watching' and become carefree.

The sarcastic juice- MUMBAI

Khushboo Kar
FYJC-D

A city of love,
A city of dreams,
Life here at times,
Isn't as easy as it seems.

There's beauty of colors,
And lights.
Also the ugliness of arguments,
And fights.

It's a city that makes,
Out of luck your life,
But if not so,
Then fate makes you strive.

'Chat pata', lip smacking,
The crisp of street foods,
'Bak bak', ear buzzing,
The gossips of the sellers' moody moods.

It's got the bliss of quick vehicle service,
What we always need,
But beware! You could be driven to
Roads that miss lead.

Won't get into,
A spat on politics.
We've anyways got,
Enough of those story picks.

Well this is just
A bit,
This is a juice of sarcasm,
Could you digest it?

If it scares you,
It might be a good thing to try.
If you risk nothing,
You risk even more; not a lie.

Welcome to Mumbai!!

□□□

The test of Swami Vivekanand

SWAMI VIVEKANAND'S inspiring personality has been well known in India and abroad from decades to come. This unknown monk of India suddenly rose to fame at the Parliament of Religions held in Chicago (America) in 1893, representing Hinduism. His vast knowledge of Eastern and Western culture as well as his deep spiritual insight, brilliant conversation skills, empathy and colorful personality made a mark on the hearts of many. People who ever happen to see or hear Swami Vivekanand even once still cherish his memory after a lapse of more than half a century.

Before leaving for abroad for the first time to preach Hinduism, Vivekanand's mother wanted to know whether he is all perfect for this mission or not, she invited him for dinner. Vivekanand enjoyed the food that had the additional flavor of his mother's special love and affection. After the delicious dinner, Vivekanand's mother offered Vivekanand a dish of fruits and a knife. Vivekanand cut the fruit, ate it and after that his mother said, "Son, can you please give me the knife, I need it." Vivekanand immediately responded by giving the knife.

Vivekanand's mother calmly said, "Son, you have passed my test and I heartily bless you for going abroad." Vivekanand surprisingly asked, "Mother, how did you test me? I did not understand."

Mother replied, "Son, when I asked for the knife, I saw how you handed it to me, you gave the knife by holding its sharp edge and kept the wooden handle of knife towards me. This way, I would not get hurt when I take it and this means you took care of me. And this was your test in which you passed.

The person who thinks of others welfare rather than thinking about self has got the right of preaching the world and you have got that right. You have all my blessings."

This was the most important mark he left in the hearts of many he met in his lifetime - to think of others before thinking for self.

Moral: There are some qualities which draw the difference between a common man & an uncommon man. To think about the welfare of everyone falls under an extraordinary quality. The true noble person is the one who thinks of others' happiness even if it is in little matters to our day to day life. The one who thinks of himself alone is considered selfish & will not be valued by the world in the long run. It is the law of nature that as the bigger hearted & noble you are, the more you will keep receiving & as the narrower minded you become, the less you will receive.

- Everything has beauty, but not everyone can see. – Confucius
- When one door of happiness closes, another opens, but often we look so long at the closed door that we do not see the one that has been opened for us. – Helen Keller
- How wonderful it is that nobody need wait a single moment before starting to improve the world. – Anne Frank
- When I let go of what I am, I become what I might be. – Lao Tzu
- Life is not measured by the number of breaths we take, but by the moments that take our breath away. – Maya Angelou
- Happiness is not something readymade. It comes from your own actions. –Dalai Lama

त्याला इलाज नाही

धिक्कारिली तरीही सटवीस लाज नाही
श्रद्धा न पाठ सोडी त्याला इलाज नाही

देवातुनी जगाला ज्याने विमुक्त केले
त्यालाच देव करिती त्याला इलाज नाही

लढवून बांधवांना संहार साधणारा
गीता खुशाल सांगे त्याला इलाज नाही

तत्त्वज्ञ आणि द्रष्टे खंडून एकमेका
कथिती विरुद्ध गोष्टी त्याला इलाज नाही

ते भूत संशयाचे ग्रासून निश्चितीला
छळते भल्याभल्यांना त्याला इलाज नाही

विज्ञान ज्ञान देई निर्मी नवीन किमया
निर्मी न प्रेम शांती त्याला इलाज नाही

बुरख्यात संस्कृतीच्या आहे पशू दडून
प्रगटी अनेक रूपे त्याला इलाज नाही

असतो अशा जिवाला तो ध्यास मूल्यवेधी
अस्वस्थता टळेना त्याला इलाज नाही

ज्यांना अनेक छिद्रे असल्याच सर्व नावा
निर्दोष ना सुकाणू त्याला इलाज नाही

वृद्धापकाल येता जाणार तोल थोडा
श्रद्धा बनेल काठी त्याला इलाज नाही

-विंदा करंदीकर

मराठी विभागा

मराठी प्रबोधन

माझ्या मराठी मातीचा
लावा ललाटास टिळा
हिच्या संगाने जागल्या
दऱ्या खोऱ्यातील शिळा ।

रत्नजडित अभंग
ओवी अमृताची सरवी
चारी वर्णातुनी फिरे
सरस्वतीची पालरवी ।

- कवी कुसुमाग्रज

अशा शब्दांत मराठी भाषेचा गौरव कवी कुसुमाग्रजांनी केला आहे. अशी ही मराठी भाषा जोपासण्यासाठी व तिचे संगोपन करण्यासाठी क. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालयातील मराठी विभाग दरवर्षी विविध स्पर्धांचे आयोजन करत असतो.

या स्पर्धांद्वारे विद्यार्थ्यांतील कलागुणांना वाव दिला जातो. तसेच त्यांच्यातील सुप्त गुणांना प्रोत्साहन दिले जाते. या स्पर्धा आहेत काव्यवाचन स्पर्धा, वक्तृत्व स्पर्धा, निबंध लेखन स्पर्धा व सुंदर हस्ताक्षर स्पर्धा.

विजयी झालेल्या स्पर्धकांची नावे पुढील प्रमाणे आहेत.

मराठी वाङ्मय मंडळ - २०१६-१७

वक्तृत्व स्पर्धा

- १) प्रथम क्रमांक - अनिता सोमपूरा
- २) द्वितीय क्रमांक - रिद्धी शिंदे
ऐश्वर्या मुळये
- ३) तृतीय क्रमांक - प्रथमेश माडेकर

निबंधलेखन स्पर्धा

- १) प्रथम क्रमांक - रुचिता मादळे
- २) द्वितीय क्रमांक - अनिता सोमपूरा
विजया निकम
- ३) तृतीय क्रमांक - गौरी देसाई

काव्यवाचन स्पर्धा

- १) प्रथम क्रमांक - रुचिता मावळे
ऐश्वर्या मुळये
- २) द्वितीय क्रमांक - श्वेता कदम
- ३) तृतीय क्रमांक - प्रथमेश माडेकर

सुंदर हस्ताक्षर स्पर्धा

- १) प्रथम क्रमांक - सर्वेश कदम
श्रुतिका खुळे
- २) द्वितीय क्रमांक - आकाश कोबनाक
- ३) तृतीय क्रमांक - प्रिती माळकर

प्रिय बाबा

रुचिता प्रकाश मादळे

S.Y.J.C. (B)

आई प्रत्येक घराचं मांगल्य व पावित्र्य असते परंतु बाबा घराचं अस्तित्व असतात. पण या घराच्या अस्तित्वाला खरंच कुणी मनापासून जाणून घेतलय का? सर्व कवींनी, लेखकांनी आईची थोरवी सांगितली परंतु बाबांसाठी सर्वांना कमी वेळ मिळाला.

शिवरायांच्या कारकिर्दीत जेवढा जिजाऊंचा हात आहे त्याहीपेक्षा जास्त वाटा शहाजी महाराजांचा सुद्धा आहे. तुरुंगात श्रीकृष्णाला जन्म देणारी देवकी जितकी महान होती तेवढेच कृष्णाला पूरातून डोक्यावरून घेऊन जाणारे श्री वासुदेवसुद्धा महान आहेत. आज लता मंगेशकर यांना भारताची

गाणकोकिळा हा किताब मिळाला तोही त्यांचे बाबा दीनानाथ मंगेशकर यांच्यामुळेच. अशा विविध उदाहरणांतून आपल्याला आपल्या बाबांच्या प्रेमळपणाची प्रचिती येतेच.

प्रत्येक बाबा आपल्या आयुष्यातील प्रत्येक क्षण स्वतःसाठी खर्च न करता आपल्या कुटुंबियांच्या आनंदासाठी वेचतात. तेही कोणताही वैयक्तिक व स्वार्थी हेतू मनात न ठेवता. आपल्याला मिळालेला आनंद हेच त्यांच्यासाठी खूप काही असते. कोणतेही बाबा मग ते शेतकरी असोत किंवा कोट्यधीश ते स्वतःच्या पोटाला चिमटा घेऊन आपल्या मुलाबाळांसाठी बचत करून ठेवतात आणि त्यातच धन्यता मानतात.

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आपल्या शेतकरी वडिलांचे वर्णन कवी विठ्ठल वाघ यांनी फार उत्कृष्ट शब्दांत केले आहे. ते खालीलप्रमाणे :-

शेतामधी माझी खोप
तिला बोराट्याची झापं.
तिथं नांदतो कष्टतो
माझा शेतकरी बाप
लेतो अंगावर चिंध्या
खातो मिरची भाकर,
काढी ऊसाची पाचट
जगा मिळाया साखर.

बाप माझा शेतकरी
उभ्या जगाचा पोशिंदा,
त्याच्या भाळी लिहिलेला
रात्रंदिन कामधंदा.

अशाप्रकारे आपल्या वडिलांचे वर्णन त्यांनी अत्यंत निरागस व कृतज्ञतापूर्ण शब्दांत केले आहे.

ज्याप्रमाणे या कवींच्या मनातील भावना आहेत त्याचप्रमाणे आपल्याही मनातील कृतज्ञतापूर्ण भावना आपण व्यक्त करतो पण ते फक्त 'Father's day' दिवशी. खरंतर आपल्या आयुष्यातील प्रत्येक दिवस आपल्यासाठी 'फादर्स डे' असायला हवा. आपण आपल्या बाबांना त्यांच्या आपल्यासाठीच्या कष्टाची परतफेड म्हणून काहीच देऊ शकत नाही. किमान तितकी आपली पात्रता नाही. म्हणजे अगदी साध्या उदाहरणादाखल, त्यांनी आपल्याला जन्म दिला यासाठीच अर्थात त्यांच्या इतक्या मोठ्या उपकारासाठी आपण काय देऊ शकतो त्यांना?

या जगातील प्रत्येक बाबा आपल्या पाल्याच्या जन्मापासून त्याच्या भविष्यातील कारकिर्दीपर्यंत त्यांच्याबरोबर अगदी एखाद्या जादूगारासारखे असतात, आपल्या मुलांची स्वप्नही ते स्वतः जगतात.

परीक्षेचा निकाल लागल्यानंतर आपल्याला जवळ घेणारी, कुरवाळणारी आई सगळ्यांनाच आवडते, परंतु आपला आनंद बघून हळूच जाऊन मिठाई आणणारे बाबा आपण नेहमीच विसरतो. रोज सकाळी लवकर उठून आपल्यासाठी काम करणारी आई आपल्याला खूप प्रिय वाटते पण अप्रत्यक्षपणे रोज मुलांसाठीच कष्ट करणारे बाबा आपण कधीच समजून घेत नाही. आपल्या कोणत्याही अपयशात, संकटात कोणत्याही

प्रसंगात आपले सांत्वन करणारी, रडणारी आई आपल्याला भावनिक वाटते पण आपल्या प्रसंगामुळे, अपयशामुळे खचलेले आपले बाबा आपल्याला कठोरच वाटतात.

खरंच बाबा म्हणजे आपल्या आयुष्यातील एक 'Hero' च असतात. आपण एखादी गोष्ट मागितल्यावर, हट्ट केल्यावर तो हट्ट पूर्ण करणं ते आपले कर्तव्य समजतात. आपण ज्या परिस्थितीतून आलो, ज्या प्रसंगांना तोंड दिलं, ज्या वाईट अनुभवातून होरपळून निघालो त्या सगळ्यांपासून बाबा आपला नेहमी बचाव करतात. परिस्थितीची झळ आपल्याला बाबा कधीच पोहोचू देत नाहीत.

दर सणाला आपल्याला नवीन कपडे परंतु स्वतः मात्र वर्षभरात एकच जोडी कपडे वापरणारे बाबापण आपण विसरतो. दिवसभर दमून-भागून, थकून, कष्ट करून येऊन सुद्धा रात्री घरी आल्यानंतर आपल्याशी अगदी ताजेतवाने असल्यासारखे बोलणाऱ्या बाबांना किती कठीण जात असेल नाही.

बाबांची थोरवी गायला, त्यांची महती सांगायला, त्यांच्याबद्दल कौतुकपूर्ण बोलायला आपल्याला खूप जास्त वेळ लागेल आणि दुसरा जन्मही घ्यावा लागेल.

अनेक कवी, लेखक आपल्या बाबांबद्दल खूप काही बोलले आहे. डॉ. नरेंद्र जाधव यांनी 'आमचा बाप अन् आम्ही' या आत्मचरित्रात त्यांच्यापेक्षा जास्त त्यांच्या बाबांचे वर्णन केले आहे.

आधुनिक काळातील लेखक व कवी डॉ. सलील कुलकर्णी यांनी त्यांच्या 'दमलेल्या बाबाची कहाणी' या काव्यसंग्रहात एका वडिलांचे वर्णन खूप भावनिकरित्या केले आहे. त्यांच्या या कवितांतून तर बाबा किती थोर आहेत ते जाणवतेच, त्यातील मनाला भिडणारी एक ओळ म्हणजे :-

सासूराला जाता जाता उंबरठ्यामध्ये

बाबासाठी येईल का पाणी डोळ्यामध्ये...?

खरंच बाबा म्हणजे प्रत्येक घरातील ज्ञानाची, वात्सल्याची, पवित्र गंगा आहे. कुणीतरी म्हटल्याप्रमाणे त्यांना घरातील चालता बोलता देव हीच उपमा योग्य आहे.

म्हणूनच, सगळ्यांत आधी,

पितृ देवो भवः ॥

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“बदलती शिक्षणपद्धती”

विजया विश्वास निकाम
XII S.Y.J.C. (B)

शिक्षण म्हणजे जीवनाची जडणघडण करणारी महत्वाची पायरी. शिक्षणात सगळ्या प्रकारचे संस्कार केले जातात. परंतु या शिक्षणपद्धतीच्या बदलत्या गोष्टींमुळे विद्यार्थी खूप स्पर्धा करत आहेत.

तुम्हाला माहित आहे, की शिक्षणामुळे काय मिळते. परंतु खरंच या सगळ्या गोष्टी आजच्या शिक्षणातून मिळत आहेत का? शिक्षणाने मानवाचे जीवन वृद्धिंगत केले आहे. शिक्षणानेच माणूस आज खूप प्रगत, हुशार झाला आहे. त्याला जगातील माणसांशी कसं वागायचे, कसं वावरायचे या गोष्टी समजल्या. सरकारच्या बदलत्या निर्णयामुळे मुलांचे शिक्षण योग्य प्रकारचे होत नाही. जरी त्या मुलाने/मुलीने चांगले गुण मिळवून प्रथम क्रमांक काढला असेल, तरी असं होत नाही ती/तो हुशार आहे. नंबर तर घोकमपट्टी करून पण काढता येतात. जगात काय चाललेय, काय-कसं आर्थिक बाबतीत जग कोठे पोहोचलय, याची कोणालाच माहिती नसते. विद्यार्थ्यांमध्ये याचे प्रमाण वाढत चाललेय. विद्यार्थी प्रथम क्रमांक काढण्यासाठी फक्त आणि फक्त रड्याच मारतात. तुम्हीच सांगा हे बरोबर आहे की चुकीचे यात त्या विद्यार्थ्यांचा पण काही दोष नाही. या शिक्षणपद्धतीच्या बदलत्या नियमांमुळे सरकारच्या या बदलत्या नियोजनामुळेच विद्यार्थी असं वागतात. तुम्हीच शिक्षणाला खूप महत्त्व देतात. परंतु सरकारच्या या नियोजना विरुद्ध कोणीही बोट उचलत नाही.

तुम्ही म्हणाल, आम्ही काय करायचं यात? तर तुम्ही देशाचे नागरिक आहात. निवडून दिलेलाच प्रतिनिधी सरकार बनवतो/चालवतो. म्हणजे एकंदरीत तुम्हीच या गोष्टीला जबाबदार आहात. शिक्षणपद्धतीचे महत्त्व कमी होत चाललय. शिक्षण (परीक्षा) म्हणजे शुद्ध रड्या. माझी एक मैत्रीण आहे जी आता बारावीला आहे. तिला दहावीला कमी गुण मिळाले पण अकरावीला तिने कमालच केली. तिला ९५% मिळाले ते ही सायन्स घेतलं होतं तिने. तुम्ही म्हणाल या गोष्टीचा त्याच्याशी काय संबंध? तर जसा आई म्हटलं तर मुलं, कुटूंब येते तसं शिक्षण म्हटलं की सगळ्याच गोष्टीचा समावेश येतो. तिला दहावीला कमी गुण मिळाले कारण तिला त्या विषयात आवड नव्हती. परंतु तिला सामान्य विज्ञान प्रचंड आवडायचं.

त्यात तिला बाहेरचे ज्ञान प्रचंड होते. म्हणून तिला तिच्या आवडीच्या विषयामुळेच इतके चांगले गुण मिळाले. ते जाऊ द्या माझा एक मित्र जो बारावी नापास! वर्गात पण सतत शेवटच्या बाकावर बसायचा पण आता सर्वात श्रीमंत माणूस तोच आहे कारण सर्वात महागडी गाडी त्याच्याकडे आहे. सांगायचा हेतू हाच की, स्वतःमधले गुण ओळखा त्यांना जाणा तोच गुण घेऊन पुढे जा. नक्की यशस्वी व्हाल. माफ करा विषयाच्या बाहेर गेले. परंतु शिक्षण खूप महत्त्वाचे आहे.

शिक्षण म्हणजे काय तर संस्कार, मोठ्या व्यक्तींचा आदर, एखाद्याला प्रेमाने दिलेली शाबासकी हे सगळे गुण शिक्षणातून शिकवले जातात. परंतु वाढत्या स्पर्धेमुळे मुलांच्या बाबतीत घोकमपट्टीच प्रमाण वाढतंय. तर शिक्षणपद्धती अशी असली पाहिजे ज्यात शिक्षकांकडून इतके ज्ञान आले पाहिजे की विद्यार्थ्यांनी ते अजून-अजून मागून घेतले पाहिजे. शिक्षकांनी दिलेल्या गोष्टी जीवनात खूप उपयोगी येतात मग तो सल्ला असो किंवा संस्कार! माझे आई-वडिल म्हणतात की तुला काहीही काम करायची गरज नाही. मी पैसे भरेन तुझ्या महाविद्यालयाचे तू फक्त आता शिक हे काहीच मला नाही आवडत कारण आई-वडिलांच्या याच गोष्टीमुळे मुलांना पंधरावी झाली तरी नोकरी नाही भेटत. हे ठीक आहे की त्यांना आपल्या मुलांची काळजी आहे म्हणून ते असं बोलतात.

पण जेव्हा मुलांना कळत की, पैसे कमवताना किती त्रास सहन करावा लागतो तेव्हा त्यांच्या वागण्यात बदल होईल. त्यांना कळेल आपले आई-वडिल आपल्यासाठी काय करतात. आता हे तर घरचे झाले आता सरकारने काढलेल्या आठवीपर्यंत पास या निर्णयामुळे मुलांचे प्रचंड नुकसान होत आहे. कारण मुलं आठवी पास होतात पण नववीत नापास होतात. याच कारण कधी शोधलं का? तर सरकारने काढलेल्या आठवी पास योजनेमुळेच विद्यार्थी नापास होतात. तुम्हाला प्रश्न पडला असेल हे कसं? तर पहिली ते आठवी हा मुलांचा पाया असतो. माझ्या भावाचच उदाहरण घ्या, त्याला आता गणितं जमत नाहीत कारण त्याला आठवीची सामान्य गणिते जमत नव्हती. आठवीपर्यंत सरकारच्या धोरणामुळे पास झाला पण आता त्याला गणित जमत नाही

आजची पिढी ही भ्रमणध्वनी, दूरदर्शन, नेट-इंटरनेट यात प्रचंड गुंतली आहे. आजूबाजूच्या जगाशी त्यांचा काहीही संबंध नसल्यासारखं वागतात. आताची पिढी तर मोठ्यांना आदर पण देत नाही. हे कशामुळे घडतंय? तर याला आई-वडिल किंवा सरकार जितके जबाबदार आहे तितकेच बदलत वातावरण पण आहे. सरकारने आपल्या धोरणामध्ये बदल केला पाहिजे. कारण मी आतापर्यंत जी यशस्वी माणसं पाहिली त्यांनी जरी कमी गुण मिळवलेले आहेत. पण जीवनात ते खूप यशस्वी आहेत. याच कारण तेव्हा त्यांच्या वेळेस त्यांना कोणताही सोपा मार्ग नव्हता. मी दहावीला असताना माझ्या शिक्षकांना प्रश्न विचारला की यशस्वी माणसांना तर जास्त गुण मिळालेले नसतात पण त्यांनी जीवनात इतरांपेक्षा काहीतरी वेगळं केलंय. मग तुम्ही सतत का सांगता चांगले गुण मिळवा. तर त्यांनी दिलेल्या उत्तराशी मी सहमत आहे. ते म्हणाले, आयुष्यात जर तुम्ही यशस्वी झालात तर ती खंत मनात नको रहायला.”

शिक्षण म्हणजे काय हसत - हसत, मौज-मेजेत मिळवलेले एक छोटसं ज्ञान. म्हणतात ना,

“सारे शिकूया, पुढे जाऊया.”

यात एकच कळत नाही. शिकतात तर सगळेच, मेंदूपण सगळ्यांचा सारखाच आहे. पण सगळेच आयुष्यात पुढे का जात नाहीत. मला माहित आहे की, या धावपळीच्या जीवनात कोणाकडे या गोष्टीबद्दल विचार करायला वेळ नाही. सरकारने असं केले पाहिजे, जर शिक्षणामध्ये सगळे विषय तेच ठेवून त्यातला अभ्यासक्रम बदलला तर! म्हणजे गणित हा विषय घ्या, तुम्हाला माहितीच आहे की, दररोजची बेरीज, वजाबाकी आपण शिकतो. पण जे खरोखरच व्यावहारिक ज्ञान पाहिजे ते आपल्याला या शिक्षणातून का मिळत नाही. मला सांगा

की, जे गणित मी शिकले तेच गणित माझा भाऊ पण शिकतोय, मग शिक्षणपद्धतीत वेगळेपणा काय? जे नकाशे, जो इतिहास मी शिकले तोच माझा भाऊपण शिकतोय? मग यात वेगळेपणा काय? शिक्षणपद्धतीमुळे मुलांचे प्रचंड नुकसान होतय. आई-बाबा, आजी-आजोबा, सगळे एकच म्हणतात,

“शिकाल तर वाचाल,
आयुष्यात यशस्वी व्हाल”

सरकारने खरंच त्यांचे नियम बदलले पाहिजेत. तुम्ही विचार करा. पंधरावी झालेल्या मुलांचे आयुष्य अजून स्थिर नाही. म्हणजे त्यांना नोकरी नाही.

आजची शिक्षणपद्धती बदलण्यासाठी विद्यार्थ्यांनी राजकारणात सहभागी झाले पाहिजे. आता पुन्हा आपण सरकारने कोणत्या उपाययोजना शिक्षणासाठी केल्या पाहिजेत. यावर विचार करू. सरकारने दररोजचे व्यावहारिक ज्ञान आपल्या पाठयपुस्तकातून दिले पाहिजे.

“शिक्षण म्हणजे यशाची गुरुकिल्ली!
शिक्षण म्हणजे यशाची पायरी!”

अशा शिक्षणपद्धतीने विद्यार्थ्यांचा विकास होईल व त्याचबरोबर विद्यार्थ्यांना शिकण्यात मजा येईल. अशा सर्व प्रकारचे बदल सरकारने केले तर आपल्या देशाचा विकास व्हायला एक सेकंदही लागणार नाही. शिक्षणाने देशाचाच नाही तर संपूर्ण लोकांचा, राष्ट्रांचा विकास होईल. परंतु त्यासाठी सरकारने आपले नियोजन बदलले पाहिजे. शिक्षण मिळालेल्या माणसांना जगातल्या माणसांचे/लोकांचे प्रश्न लगेच कळतात.

“सारे शिकूया, देशाचे नाव मोठे करूया.”

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नेमेची दुष्काल पदकांचा

अनिता हनुमंता सोमपूर

F.Y.J.C. (J)

आज आपल्या भारत देशाने अनेक क्षेत्रांमध्ये उल्लेखनीय प्रगती केली आहे. आज आपली भारतमाताही असा देश मानला जाते, जिथे तरुणांची म्हणजे होतकरू पिढीची संख्या सर्वाधिक आहे. प्रत्येक देशाची शान, प्रतिभा ही तेथील तरुण पिढीच मानली जाते. कारण तरुणांमध्ये उत्साह, शक्ती, जल्लोष आणि काहीतरी नवीन करून दाखवण्याची, देशाची शान वाढवण्याची असीम इच्छाशक्ती असते आणि आपल्या देशातही अशा तरुणांची संख्या विपुल प्रमाणात आहे. मग कोणते कारण आहे की, आपण इतर देशांच्या तुलनेने कोठे तरी मागे असल्याची जाणीव होण्याची व कमी पदके मिळण्याची? आपल्याकडे योग्य खेळाचे साहित्य नाहीत का? आपल्याकडे योग्य मार्गदर्शक नाहीत का? आपल्या देशांत खेळांसाठी योग्य वातावरण घरात आणि समाजात नाही का?

आपल्या देशामध्ये अनेक महान खेळाडू होऊन गेले आहेत. अर्जुनासारखा शूर तिरंदाज भारतात होता. ज्याच्यासाठी माश्याचा डोळा हाच नेम असे. यावरून त्याच्या अचूक नेमबाजीचा आपल्याला अंदाज येतो. म्हणजे एवढ्या प्राचीन काळातही भारत हा खेळांच्या क्षेत्रामध्ये प्रगत असे राष्ट्र होते, मग या आधुनिक युगात भारत खेळ-क्रीडा क्षेत्रात सतत अयशस्वी होण्याची कारणे कोणती?

आपल्या देशातील खेळ व्यवस्थेमध्ये अनेक त्रुटी आहेत. आपल्या देशात खेळ हा एक जल्लोषाचे उत्साहाचे क्षेत्र न राहता एक मोठा पैसे कमवण्याचा व्यापार झाला आहे. ज्यात भ्रष्टाचाराच्या चिखलात उडी घेऊन मोठे अधिकारी प्रामाणिक, सक्षम आणि हुशार खेळाडूंच्या जीवनाशी खेळ खेळतात. त्याचा दुष्परिणाम त्या तरुण खेळाडूंच्या मनावर होतो आणि त्यांच मनोधैर्य खचतं. त्यामुळे ती मुलं जर मोठ्या मंचावर ही गेली, तरी त्यांच्या खचलेल्या मनामुळे ते योग्य प्रकारे खेळ खेळू शकत नाही. कारण आपल्याला माहित आहे की, 'मन के हारे हार और मन के जीते - जीते' आणि त्यामुळे ही भारताला जागतिक पातळीवर खूप कमी पदके मिळतात.

दुसरं एक मोठं कारण म्हणजे भारतात तरुण पिढींना खेळात वावरताना कुटूंब आणि समाजात त्यांस योग्य प्रकारचे हवे तसे वातावरण मिळत नाही. भारतीय समाजाला असे

वाटते की 'खेळ' हा एक आयुष्य घडविण्याचा योग्य मार्ग नाही. म्हणून तरुणांना आपल्या कुटूंबातून आणि समाजातून असहयोग मिळतो. आणि त्याकारणाने खेळाडू 'खेळ' क्षेत्रात करिअर करण्यास तयार होत नाहीत आणि दुसऱ्या क्षेत्रात जीवन घडवण्याचा प्रयत्न करतात म्हणून चांगल्या खेळाडूंची संख्या शेवटी खूप कमी होते. जर आपल्या देशात चांगल्या खेळाडूंची संख्याच कमी झाली, तर साहजिकच पदकांची संख्या ही कमी होणारच.

आपल्या भारत देशामध्ये प्राचीन काळापासूनच पुरुष वर्चस्वावादी समाज रचना अस्तित्वात आहे. आज स्थिती जरी थोडी सुधारली असेल तरी ती पूर्णपणे सुधारलेली आहे असे नाही. भारतात पूर्वी मुलींनी बाहारे कामे करण्याची परवानगी नव्हती आणि तसं करणं हा पुरुषांचा एक खूप मोठा अपमान समजला जायचा. आजही ते चित्र पूर्णपणे बदललेलं दिसत नाही. आज जरी भारतीय स्त्रियांनी अनेक क्षेत्रात चमत्कृतीपूर्ण लक्ष्य साध्य केलं असेल, तरी खेळाच्या क्षेत्रात त्यांना पुरुषांच्या बरोबरीने जगताना, खेळताना अनेक समस्यांना तोंड द्यावे लागते. त्यात स्त्रियांचं मानसिक शोषण, शारिरीक शोषण, भ्रष्टाचार, घुसखोरी, घरच्यांकडून असहयोग, समाजाचा त्यांच्याकडे पाहण्याचा चुकीचा दृष्टिकोन आणि अशा अनेक प्रकारच्या समस्यांचा त्यात समावेश होतो. त्यामुळे त्या मनमोकळेपणाने खेळाच्या मैदानात उतरू शकत नाहीत आणि जागतिक पातळीवर भारताला मनासारखे प्रस्तूत करू शकत नाहीत. पण तरीही स्त्रियांनी २०१६ च्या रियो ऑलिंपिक मध्ये दोन पदके मिळवून दिली आहेत. त्यात एक म्हणजे भारताची प्रतिभा शान पी. व्ही. सिंधू यांनी भारताला बॅटमिंटनमध्ये सिल्वर पदक मिळवून दिले आहे आणि दुसरी म्हणजे भारताची शेरणी साक्षी मलिक यांनी रेसलिंगमध्ये भारताला ब्राँझ पदक मिळवून दिले आहे. आता पूर्ण देशाला कळलं असेल की १२५ करोड लोकांची इज्जत फक्त दोन मुलींनी वाचवली. म्हणून स्त्रियांना ही आता योग्य संधी दिली गेली पाहिजे, जेणेकरून त्या आपली कर्तबगारी जगाला दाखवून अधिकाधिक पदके जिंकू शकतील.

आपल्या देशात तरुणांना योग्य मार्गदर्शक मिळत नाहीत,

म्हणून ते आपल्या कौशल्यांचा परिपूर्ण विकास करू शकत नाही. भारतात कौशल्यपूर्ण मार्गदर्शकांची खूप कमतरता आहे, ही कमतरता भरून आणल्याशिवाय भारत 'खेळ' क्षेत्राचा सम्राट बनू शकत नाही. आणि दुसरं म्हणजे आंतरराष्ट्रीय पातळीवरील स्पर्धेत भाग घेण्यासाठी भारताकडे त्या उच्च तंत्रज्ञानाचे खेळसाहित्य उपलब्ध नाही. चांगल्या खेळ साहित्यांच्या अभवामुळे खेळाडू आपले शंभर टक्के त्या खेळात देऊ शकत नाहीत आणि या तांत्रिक मागासलेपणामुळे खेळाडू आंतरराष्ट्रीय पातळीवर आपलं सर्वोत्तम प्रदर्शन करू शकत नाहीत. भारतात आजही कित्येक खेळांसाठी पारंपरिक साहित्य आणि पद्धती वापरल्या जातात जी आजच्या आंतरराष्ट्रीय पातळीवर आपली धमक दाखवू शकत नाही.

आपल्या देशात नेहमी एखादी महत्त्वपूर्ण राष्ट्रीय किंवा आंतरराष्ट्रीय स्पर्धा असेल तेव्हा मोठ-मोठे यज्ञ हवन केले जातात. आपण आपली देशभक्ती व प्रेमभाव व्यक्त करण्यासाठी हे करतो हे ठीक आहे. पण ह्या सगळ्यांत पैसा खर्च करण्याऐवजी तो पैसा आपण खेळांसाठी वापरू शकतो. त्या

पैशांनी आपण त्यांना पोषक आणि संतुलित आहार देऊ शकतो. जो त्यांसाठी सर्वात महत्त्वपूर्ण आहे. जर खेळ खेळणाऱ्या शरीरात ताकद-शक्ती नसेल तर तो खेळाडू यशस्वीपणे कसे खेळू शकतो. दुसरं म्हणजे ह्या पैशांनी आपण खेळाडूसाठी उत्तमोत्तम मार्गदर्शक नेमू शकतो आणि उत्तमोत्तम खेळसाहित्य त्यांना उपलब्ध करून देऊ शकतो. जेणेकरून त्यांचा त्या खेळात परिपूर्ण विकास होईल. त्यांच्या कौशल्यांचा विकास होईल. कोणतेही यज्ञ, हवन न करता अनेक पदक जिंकणारी अनेक राष्ट्रे आहेत. त्यात अमेरिका, चीन, इंग्लंड, रशिया, फ्रान्स अशा अनेक राष्ट्रांचा समावेश आहे.

अशाप्रकारे हा पदकांचा दुष्काळ संपवण्यासाठी आपल्याला आपल्या खेळ व्यवस्थेत अनेक महत्त्वपूर्ण आणि आमूलाग्र बदल करण्याची आवश्यकता आहे. जर आपण या सगळ्या गोष्टींकडे काळजीपूर्वक लक्ष देऊन आवश्यक त्या सुधारणा केल्या तर नक्कीच हा नेमीचा दुष्काळ पदकांचा संपेल आणि भारत हा पूर्ण जगासाठी एक खेळ सम्राट बनेल.

□□□

निसर्गाचा प्रकोप

गौरी देसाई
F.Y.J.C. (G)

सृष्टीतील एक अनोखा करिष्मा, म्हणजेच निसर्ग. आपण जर सभोवताली पाहिले, तर एका सुंदर गोष्टीचे दर्शन आपणास होईल व ती गोष्ट आहे आपल्याला लाभलेला मनोहारी निसर्ग. खरोखरच निसर्ग ही एक किमया आहे.

“वृक्षवल्ली आम्हा सोयरी वनचरे ॥”

संत तुकारामांनीही अशा सुंदर शब्दांमध्ये निसर्ग व आपल्यातील नात्याची सांगड घालून दिली आहे. असा सुंदर निसर्ग पाहावयास मिळणारे आपल्या एवढे भाग्यवान आपणच!

परंतु, आपल्या भाग्याचा नाश आपणच करत आहोत असे आता दिसत आहे. आपल्याला लाभलेल्या या निसर्गाच्या सौंदर्याला आपणच नष्ट करत आहोत. निसर्गदेवता आपल्याला सर्व गोष्टी देते. अन्न, वस्त्र आणि निवारा या गोष्टींचा पुरवठाही निसर्गाकडूनच होतो. माणूस मात्र त्याच्या हव्यासापोटी निसर्गदेवतेला हानी पोहोचवतो. त्यामुळेच आता निसर्गदेवता रागावली आहे. तिचा प्रकोप ही आपल्याला जाणवत आहे.

तो भोगण्याशिवाय आपल्याला पर्याय नाही.

आपण झाडे तोडतो, कारण आपल्याला जळनासाठी लाकडाची आवश्यकता असते. काही लोक तर साग, चंदन या वृक्षांच्या लाकडापासून पैसे मिळत असल्याने त्यांना कापून टाकतात. हे झाले ग्रामीण भागातले. शहरी भागात तर माणसांनी उच्छादच मांडलाय. शहरात पाहावे तेथे उंचच्या उंच इमारती दिसतात. या इमारती बांधण्यासाठी लोक झाडे तोडतात. पण आपल्याला अन्न व जगण्यासाठी सर्वात आवश्यक ऑक्सिजन देत कोण? झाडेच ना! तसेच झाडे आपण सोडलेला कार्बन डायऑक्साइड शोषून घेतात. परंतु सध्या वृक्ष नसल्यामुळे निसर्गातील कार्बन डायऑक्साइडचे प्रमाण अतिशय वाढत आहे. त्यामुळे ग्लोबल वॉर्मिंगसारख्या गोष्टी वाढत आहेत व त्या मानवी जीवनास हानिकारक व त्रासदायक आहेत.

सध्याचे वाढते प्रदूषण ही निसर्गाच्या प्रकोपाला कारणीभूत आहे. वाढत्या कारखान्यांमुळे वायूप्रदूषण व जलप्रदूषणात

भयंकर वाढ झाली आहे. मृदा प्रदूषणामुळे आपली धरणीमाता ही नाराज आहे व त्यामुळे अनेक ठिकाणच्या जमिनी नापीक पडल्या आहेत.

अशा विविध कारणांमुळे निसर्गाचे सौंदर्य नष्ट झाले आहे. निसर्ग भयंकर दिसायला लागला आहे. या सर्व गोष्टींमुळेच ऑसिड रेन (आम्ल वर्षाव), ग्रीन हाऊन इफेक्ट, ग्लोबल वॉर्मिंग अशा अनेक समस्यांना आपल्याला तोंड द्यावे लागत आहे. तसेच आपल्या पुढील पिढीलाही हे सर्व सहन करावे लागणार आहे.

हे सर्व कोणामुळे झाले? याला कारणीभूत कोण? याचे उत्तर आहे आपणच. अजूनही वेळ गेलेली नाही. मानवांनो जर सर्वांनी मिळून प्रयत्न केले तर आपण ही परिस्थिती नक्कीच बदलू शकतो. त्यासाठी आपण सर्व प्रथम झाडे लावली पाहिजेत. त्यांचे संवर्धन व जतन केले पाहिजे. त्यानंतर कचरा व प्रदूषणाला आळा घातला पाहिजे. यासाठी सर्वांनी पुढे येऊन कार्य केले पाहिजे. 'एकीचे बळ' या उक्तीने सर्वांनी

निसर्गाचे संगोपन व संवर्धन केले पाहिजे.

“वृक्ष आमचे मित्र तयांना
तोडू नका कोणी....
तयांना तोडू नका कोणी....”

असे म्हणत आपण वृक्षतोडीला आळा घातला पाहिजे. तरच आणि तरच आपल्याला उज्वल व सुंदर भविष्य मिळेल. सर्वांनी एकत्र येऊन निसर्गदिवतेला खूष करण्यासाठी प्रयत्न केले पाहिजेत.

स्वच्छता अभियानासारख्या अनेक मोहिमा आपण राबवल्या पाहिजेत. सरकार तर तयार आहे. आता जनतेने तयार झाले पाहिजे. तरच आपल्याला आपल्या निसर्गाचे सौंदर्य परत मिळेल.

स्वच्छ जग,
सुंदर जग!!!



वक्तशीरपणा - यशस्वी जीवनाचा मार्ग

मुकेश सुमित्रा सदाशिव मसूरकर

प्रयोगशाळा (सहाय्यक) (द्विलक्षी इलेक्ट्रॉनिक्स विज्ञान)

कायदा पाळा गतीचा काळ मागे लागला थांबला तो संपला.

रविकिरण मंडळाचे कवी माधव ज्युलियन हिंदूपुत्रांना यशाचा खरा अर्थ सांगताना याच ओळीचा वापर करतात आणि स्वतःला लेखिता का बापडे? भ्रांत तुम्हा का पडे? असे वैचारिक प्रश्न विचारतात.

खरंच, परिस्थिती बदलायला एक क्षणही लागत नाही. कुठल्याही क्षणी परिस्थिती संपूर्णपणे वेगळी आणि अनपेक्षित होऊ शकते. अनुकूल परिस्थिती असेल, तर यशाला गवसणी घालायची असेल तर दृष्टिकोन, मेहनत, प्रामाणिक विश्वास यांचबरोबर अत्यंत महत्त्वाचा गुण अंगिकारला पाहिजे आणि तो म्हणजे वक्तशीरपणा.

'Yes, Punctuality is a success of life'; असे उगाचच म्हणत नाहीत. वेळ, वेळत झालेली गोष्ट यांमुळेच यश साधले जाते. असं जर नसतं तर आपले महाराष्ट्र राज्य, हिंदवी स्वराज्य नव्हे तर भारत देशही स्वतंत्र झाला नसता,

राष्ट्रपिता महात्मा गांधींच्या याच गुणामुळे ब्रिटिश राजवटीत त्यांना great person म्हणून संबोधले गेले म्हणूनच तर वेळेनुसार चाला, वेळेबरोबर कार्य करा असा संदेश अशोकचक्रातून मिळतो.

वक्तशीर नसलेल्या व्यक्तींचे नुकसान तर होऊ शकतेच, पण त्याचबरोबर पिछेहाट ही होऊ शकते. निसर्गाच्या जीवनचक्रातही या गुणाला महत्त्व आहे. म्हणूनच उत्पत्ती प्रगती आणि लय यांचे चक्र अविरत फिरत असतं. पावसाळा, हिवाळा, उन्हाळा यांचा क्रमवार फेरफटका होतो. सूर्यग्रहणे, चंद्रग्रहणे तर धुमकेतूंचे दिसणे यांनाही वेळेचा नियम दुर्लक्षित करून चालत नाही. बालपण, तरुणपण, म्हातारपण रांगेतच हात पकडून जातात. यातील एकही गोष्ट गाळता अगर टाळता येत नाही आणि तसे झालेच तर 'everything is stop' असेच काहीतरी होईल.

भारतरत्न डॉ. बाबासाहेब आंबेडकर, लोकमान्य टिळक, कवीवर्य पद्मश्री कुसुमाग्रज, गॅलिलिओ, धनुर्धारी पार्थ, टेनिसपटू

रॉजर फेडरर, ग्रॅडमास्टर विश्वनाथन आनंद, भारताला चार सुवर्ण पदके मिळवून देणारी धावपटू पी.टी. उषा, आपले दिवंगत माजी राष्ट्रपती ए. पी. जे. अब्दुल कलाम आणि माजी पंतप्रधान मनमोहन सिंग हे सर्व आपापल्या क्षेत्रात दिग्गज ठरतात, ते केवळ वक्तृशीरपणामुळेच.

ज्याच्याजवळ या गुणाची कमतरता असते तो अपयशाच्या विळख्यात अडकतो. म्हणूनच पुरेसा फौजफाटा वेळेत उपलब्ध न झाल्याने २६ नोव्हेंबर २००८ ला ६० तास आतंकवादाशी लढा द्यावा लागला. भारताला काही अंशी अग्निबाण चाचणीत अपयश आले. वेळेतच संपर्क तुटल्याने कल्पना चावला सारख्या आंतरराष्ट्रीय वीरांगनेला मुकावे लागले. खरचं वक्तृशीरपणामुळे हा गुण अंगी भिनलाच पाहिजे.

म्हणूनच सैनिकी शिक्षणात, सरकारी उपस्थितीत, धार्मिक कार्यात तसेच वैद्यकीय तपासणी व इलाजात या गुणाला

महत्त्व आहे. खेळात पारंगत होण्यासाठी timing ला अनन्यसाधारण महत्त्व आहे. याचसाठी घड्याळाची निर्मिती झाली असावी असे वाटते. कळीचे रूपांतर फुलात होणे हे निसर्गातील सुंदर दृश्य ही हा गुण तंतोतंत पाळतं. म्हणूनच फुलाची आकर्षकता या यशाचे गमक आहे. क्रिकेटविश्वात मास्टर ब्लॉस्टर, माइल्डस्टोन ऑफ रनस् अश्या अनेक नावांनी प्रसिद्ध असलेले सर्वात तरुण भारतरत्न श्री. सचिन तेंडूलकर इतके Class का? तो केवळ त्यांच्यातील Human Value मुळे आणि त्यातीलच एक गुण Punctuality मुळे संत वाङ्मयांनी ही या गुणांचा वारंवार यशाचे गमक म्हणूनच उल्लेख केला आहे.

ज्याच्या अंगी गुण आहे वक्तृशीर तोच आहे यशस्वी जीवनाचा समर्थ वीर.

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पैसा झाला खोटा

प्रज्ञा पुर्णानंद आरेकर

T. Y. Bsc.

ये रे ये रे पावसा ।
तुला देतो पैसा ॥
पैसा झाला खोटा ।
पाऊस आला मोठा ॥

लहानपणी आपण सर्वांनीच अशा खोट्या पैशाच आमिष पाऊसाला दाखवलं असेलच. पण लहान असताना आपण कधी विचार केला का, की हा पैसा खोटा कसा होऊ शकतो.

पैशाची किंमत ही सर्वांनाच माहित आहे. त्यासाठीच माणूस झगडत असतो, रात्रंदिवस काम करून मेहनत करत असतो. मग असा हा मेहनतीचा, कष्टाचा पैसा खोटा होऊ शकेल का हो? पैसा आपली आर्थिक गरज भागवतो आणि अडीअडचणींच्या वेळी कामी येतो. हे सर्व खरे असेल तरी पैसा हा आजकाल खोटा झाला आहे. कारण ह्या पैशांचा काळाबाजार सुरू आहे. आता आपण म्हणू की, माझ्या मेहनतीचा, माझ्या कष्टाचा पैसा हा काळा कसा होईल. प्रत्येकाला असेच वाटते की माझा पैसा माझ्याकडे असेल तर त्यात गैर काय? पण असे खरेच असते का हो? थोडा विचार

करून बघितला तर प्रत्येकाला पैसा खोटा कसा होतो हे लक्षात येईल.

आपण ज्या देशात राहतो. त्याप्रती सुद्धा आपल्या काही जबाबदाऱ्या, कर्तव्य असतातच की, खोटा पैसा म्हणजे आपली जी आर्थिक कमाई असते त्यावर जो कर आकारला गेलेला असतो तो न भरणे. आपल्या आर्थिक कमाईचा हिशोब न देणे. आपण म्हणू की जो पैसा आयकर विभागाला द्यावा लागतो तो पैसा आपली श्रीमंती वाढविण्यासाठी वेगवेगळ्या योजनांमध्ये, जमिनीच्या व्यवहारांमध्ये गुंतवला जातो आणि म्हणूनच तो पैसा खोटा होतो.

पैशांची बचत करणं आणि तो साठवून ठेवणे यामध्ये फरक आहे बरे का. कारण पैशांची बचत करताना आपण ठराविक रक्कम आपल्या नेहमीच्या खर्चातून बाजूला काढत असतो, काटकसर करत असतो. याउलट आपल्या सर्व गरजा भागवून सुद्धा चुकीच्या मार्गाने जो पैसा येतो त्याची साठवणूक केली जाते. आता तुम्हीच सांगा बरे हा पैसा खोटा नाही का? भ्रष्टाचाराच्या मार्गाने मिळवलेला, एखाद्याला फसवून

मिळवलेला पैसा हा खोटा पैसा होतो की नाही.

प्रत्येकाला वाटते की आपल्याजवळ भरपूर पैसा असावा, जीवनामध्ये काहीही कमी पडू नये. यासाठीच तर माणूस जगत असतो. आपण जर आपल्याकडे अवाजवी म्हणजे ज्या पैशांचा हिशोब नाही असा पैसा आपल्याजवळ बाळगला तर देशाच्या हिताच्या दृष्टीने ते घातक असते. कारण देशाच्या विकासाला पर्यायाने आपल्या विकासाला जो पैसा हवा असतो त्याची गरज आपण जो कर भरतो त्यातूनच भागवली जाते.

आपले आताचे पंतप्रधान नरेंद्र मोदी यांनी असाच साठवलेला पैसा खोटा करण्यासाठी एक बदल घडवून आणला आणि तो म्हणजे ५०० आणि १००० च्या नोटा कोणतीही अगाऊ सुचना न देता बंद करण्यात आल्या. त्याऐवजी २००० आणि ५०० च्या नव्या नोटा चलनात आणल्या गेल्या. आता आपण म्हणू की अशा रितीने सगळ्यांकडचाच पैसा खोटा झाला तर तसे नाही आपल्या जवळील पैसा बँकेत देऊन तो त्याच किंमतीचे नवे चलन आपल्याला उपलब्ध होते. पण ज्यांच्याकडे असा साठवलेला पैसा आहे. ज्याचा कुठलाही हिशोब त्यांच्याकडे नाही तो पैसा तर खोटाच झाला. या योजनेत एक गोष्ट निदर्शनास आली ती म्हणजे बऱ्याच महानगरपालिकांची थकबाकी वसूल झाली. काही

वर्षाचे अगाऊ कर भरण्यात आले. आणि पैसा खरंच खोटा होऊ शकतो याची प्रचितीच जणू सगळ्यांना आली.

पैसा हा आपल्या मेहनतीचा असला तरी त्याचा काही भाग आपण सरकारला देणे लागतो त्यातूनच आपल्यासाठी योजना राबवल्या जातात. निराधारांना आधार देण्यासाठी, त्यांच्या उज्वल भविष्यासाठी त्याचा वापर केला जातो. त्यामुळे आपणच काळजी घेतली पाहिजे की आपल्याकडचा पैसा हा खोटा होणार नाही.

पैशाचा योग्य उपयोग, योग्य ठिकाणी आणि चांगल्या मार्गानेच केला गेला पाहिजे. तरंच खऱ्या अर्थाने पैसा खरा होईल. पैसा एका ठिकाणी साठून न राहता तो चलनात राहिला पाहिजे तरंच सर्व व्यवहार काटेकोरपणे होऊन त्याचा आपल्याला फायदा होऊ शकतो. त्यामुळे जीवनावश्यक किंमतीत जी वाढ झाली आहे त्यात घट होऊन त्या आपल्यासाठी स्वस्त होऊ शकतात. आणि याच प्रयत्नांसाठी आपण आपला पैसा कधी खोटा होणार नाही याची काळजी घेतली पाहिजे आणि इतरांनाही असा पैसा खोटा करण्यात मदत करू नये. आपला पैसा हा नेहमी लोकोपयोगी होईल आणि त्याची चमक सोन्यासारखी राहिल असाच प्रयत्न करावा.



गरज राजकीय उत्क्रांतीची

आशिष गुरुनाथ म्हात्रे

T. Y. B.sc. (stat) (A)

वर्तमानपत्र वाचत होतो. पण आज बातम्या वाचण्यात काही मन लागत नव्हते. पण तेवढ्यात एका पंक्तीवर नजर पडली-

“चंदनाचे खोड लाजे हा झीजे त्याहूनही
आज कोटी लोचनींच्या अश्रुमाला वाहताती...”

अशीच काहीतरी. लोकमान्य टिळकांच्या व्यक्तिमत्त्वावर लिहिलेल्या लेखात अगदी शेवटी ही पंक्ती होती आणि हा लेख वाचता वाचता कधी राजकारणातील गोष्टींमध्ये विचारमग्न झालो, कळाळेच नाही. खरंच, आज आपल्या देशाला, संतभूमी म्हणून ओळखल्या जाणाऱ्या आपल्या महाराष्ट्र राज्याला कशाची गरज असेल तर ती आहे राजकीय उत्क्रांतीची.

उत्क्रांती म्हणजे बदल. जसे वानरापासून मानवापर्यंतचा त्या माकडाचा प्रवास म्हणजे उत्क्रांती तसेच आज आपल्या देशात हवी आहे. राजकीय उत्क्रांती. आज आपल्या देशात अनेक समस्या आहेत - गरिबी, भ्रष्टाचार, दहशतवाद, बलात्कार, जातीभेद आणि अशा अनेक. जणू समस्यांचा चिवडाच. पण अशा वेळी वाटत काही तरी बदल व्हायला हवेत. पण काय? मुळात समस्याच इतक्या झाल्या आहेत सुरू कुठून करावं किंवा करायला हवं कळतच नाही.

आपल्या देशात आज सर्वांत महत्त्वाची समस्या आणि सगळ्या समस्यांचे मूळ काही असेल तर ते राजकारण आणि आजचे राजकारणीच असावेत. आपल्या देशात प्रत्येक काम देताना त्याच्या शिक्षणाचा आणि त्याच्या योग्यतेचा विचार

केला जाते. त्याचा म्हणजे आपल्या देशातील नागरिकाचा. पण राजकारणात नेत्यांना शिक्षणाची अट नाही. का प्रत्येक राजकारणी, विकास करण्याच्या जबाबदारीला पूर्णविराम देऊन पैशाच्या मागे पळताना दिसतोय? बापरे...!!! किती ते प्रश्न?

आज प्रत्येक क्षेत्रात उत्क्रांतीची गरज आहे. आज माणूस समोरच्या माणसाचा विचारच करत नाही. त्याला स्वतःशी, इतरांशी आणि निसर्गाशी असलेल्या संबंधाची जाणीव करून द्यायला लागत आहे. आपल्या देशाची खरी संपत्ती अर्थात ती दुसरी काही नसून आपल्या देशातील तरुण-तरुणी हीच आहे. आज हाच तरुण अज्ञानाच्या काळ्याभोर अंधारात झोपलेला दिसतोय. त्या तरुणासाठी दोन ओळी -

“जाग जाग जाग जाग जाग तरुणा
लाज आज संस्कृतीची तूच राखना”

आज तरुणाला त्याच्या संस्कृतीचा विसर पडला आहे. आज कित्येक लोकांना आपल्या देशाचा धर्मग्रंथ श्रीमद्भगवद्गीता ही आहे, याची देखील माहिती नसावी. त्याला या अज्ञानाच्या अंधारातून बाहेर काढायला हवं...

“एकटा तर एकटा धाव घे तरुणा
संस्कृतीच्या हाकेला मातेच्या सेवेला”

प्रत्येकाला वाटतं शिवाजी जन्माला यावा पण तो आपल्या घरात नाही तर शेजारच्या घरात. प्रत्येकाला बदल हवाय, उत्क्रांती हवी आहे, सगळ्यांना या समस्यांची जाणीव देखील आहे. पण त्यांना स्वतःहून पुढे येण्याची इच्छा नाही. त्यांच्यात क्षमता आहे पण वेळ नाही. अशा लोकांसाठी वरील पंक्तींचा उपदेश. मी जेव्हा स्वतः बदलेन तेव्हाच दुसऱ्याला बदलवू शकेन. कारण स्वपरिवर्तनातून जनपरिवर्तन होईल त्यातून समाजपरिवर्तन आणि समाजपरिवर्तनातूनच जगपरिवर्तन होईल.

आज संस्कृतीचा विसर तर पडतोयच त्याचबरोबर आज आपल्या भाषेचा देखील सगळ्यांना विसर पडतोय. आपली भाषा म्हणजे अमृताच्या धारे एवढी अनमोल आहे. तिने पेटवलेली ही मशाल चिरंतर तेवत राहण्यासाठी आपण प्रयत्नशील असले पाहिजे.

आता मी पुन्हा माझ्या मूळ मुद्द्यावर येतो. ते म्हणजे समस्या. सर्वांना पैसा हवाय. पण चांगल्या मार्गाने आलेला पैसा म्हणजे आपण दिवसरात्र गाळलेल्या घामाचे फळ आहे. आज कित्येक जण संपत्तीकर वाचवण्यासाठी आपला पैसा लपवून ठेवतात. यातून तयार होतो काळा पैसा. ज्यामुळे सरकारच्या तिजोरीत पैसा नाही. त्यामुळे सरकारला चांगल्या कामांसाठी पूर्ण विकासनिधी मिळणार नाही. आणि मिळालच तर मध्ये आहेतच आपले पैसा गडप करणारे भस्मासूर. म्हणून तर आज चलनातील नोटा बदलण्यासारखा निर्णय सरकारला घ्यावा लागतोय. पण या सगळ्यात सामान्य माणूस भरडला जातोय त्याच काय? असो, पण प्रत्येकाने आपल्या आधी देशाचा विचार केला तर किती छान होईल. आजचे रस्ते म्हणजे खड्ड्यात रस्ता की रस्त्यावर खड्डा तेच कळत नाही. अशा खड्ड्यांवरून जाताना तरी त्या राजकारण्यांना अकल यावी, हीच सदिच्छा.

गरिबी, दारिद्र्य, झोपडपट्ट्या, अनधिकृत बांधकामे, बेरोजगारी अशा अनेक साखळ्यांच्या समस्यांमध्ये जखडलेल्या त्यांच्या बाहुपाशात अडकलेल्या देशाला कोण बरे तारील? कोण बरे या देशातील प्रत्येक नागरिकाची सुटका करेल? कोण घडवेल बदल आणि उत्क्रांती? काय श्रीविष्णू या कलियुगात दहावा अवतार घेतील की काय? या वाढत्या लोकसंख्येवर आणि हीच लोकं वापरणाऱ्या अतिरिक्त संसाधनांवर आपल्या समस्या सोडवण्यासाठी भगवंताला या भूतलावर अवतार घेण्याची मुळात गरज काय? आपल्याकडे तंत्रज्ञान आहे, बुद्धीसारखे शस्त्र आहे. सारं काही आहे. मग आपण इतके मागे का? याच कारण आहोत आपण स्वतः आपल्याला बदल हवाय, उत्क्रांती हवी तर ती स्वतःपासून सुरू करू यात. शेवटी तेव्हाच आपण म्हणू शकतो -

“झोपलेल्या तरुणाला जाग आली,
संस्कृतीची, जबाबदारीची आठवण झाली,
देशातील प्रत्येक समस्या पळवून लावली”

प्रत्येक समस्या मिटेल, देश सुजलाम् सुफलाम् होईल
तेव्हाच राजकीय उत्क्रांती झाली, असे म्हणता येईल.

□□□



गरज राजकीय उत्क्रांतीची

मनीषा मारुती हरणे

M.sc.I

गोष्ट अशी ही एकविसाव्या शतकाची
एक विसावा ही न मिळावा
व्यथा अशी आयुष्याची...!

‘विसावा’ हा शब्द ऐकला की मनात पटकन त्या झाडाखालच्या हळूवार आणि मंदपणे वाहणाऱ्या वाऱ्यावर स्वार होऊन केलेला आराम आणि त्यामुळेच मनाला मिळालेली शांतता पण आजकाल या विसाव्याचं रूपडं येवढं बदललंय की राजकीय वर्तुळात मिळणाऱ्या खूर्चीचा ताबा म्हणजे ‘विसावा’ असतो. मनाला येईल तसं वागायचं, एकदा खूर्ची मिळाली की मग ऊठा, झोपा अगदी काहीही करा याची पूर्ण सूट असते. निवडनूका तोंडावर आल्या की दारोदार फिरणाऱ्या उमेदवारांची संख्या कमी नसते, हे काय आता नवीन सांगायची गरज नाही. आणि बोलणं तर असे की, प्रत्येक मतदाराला खिशात घालून त्यांच्या गरजा पूर्ण करायची खात्रीच द्यायची. या एकविसाव्या शतकात आत्तापर्यंत अनेक पक्ष निर्माण झाले, अगदी एकमेकांच्या पाठीत खंजीर खुपसून पुढे जाऊ पाहणारे उमेदवार देखील पाहिले, पण खरंच या इतक्या बदलानंतर आणि निवडून आल्यानंतर खरंच सामान्य माणसांच्या गरजा पूर्ण होतायत का? माझ्या मते तरी नाही... आणि कदाचित हीच आत्ताची परिस्थिती आहे. राजकारणाच्या जीवावर आणि पदाच्या नावावर देशात अनेक गुन्हे, भ्रष्टाचार अशा अनेक घटना घडत आहेत. हे बदललेच पाहिजे.

या सर्वात एक चांगली गोष्ट म्हणजे आत्ताची भारताला लाभलेली युवा पिढी. भारताच्या एकूण लोकसंख्येत सर्वात जास्त प्रमाण हे तरुणांचं आहे आणि हीच तरुण पिढी काहीतरी करून दाखवू शकते. आपल्या देशाने फार पूर्वीच लोकशाही पद्धत स्विकारली आहे. ‘लोकशाही’ किती बरं वाटतं ना हा शब्द ऐकून, पण कित्येक माणसांना याचा अर्थच माहित नाही, लोकशाही - एक अशी राज्यघटना जी लोकांनी, लोकांच्या हितासाठी निर्माण केलेली असते. याचं कारण एकच, की फक्त सामान्य नागरिकचं एकमेकांच्या गरजा नीट जाणू शकतो. पण आता ही लोकशाही पद्धत म्हणजे राजकारण्यांच्या हातातलं खेळणं बनलंय. अगदी हवं तसं, हवं तेव्हा कसही खेळवायचं, यांच्या या बेबंदशाहीमुळे खेड्या-पाड्यातले अनेक शेतकरी आत्महत्येसारखे टोकाचे निर्णय घेतात. यांची ही दुरावस्था पाहिली की एकच आठवंत...

काहीतरी उणं असतं

काहीतरी अधिक असतं

I QUIT म्हणण्याइतपत मित्रा

आयुष्य खरंच वाईट नसतं

दोरी आड अडकलेल्या श्वासात

सर्व संपतच असं नाही

बाबांचे बोट, आईची कूस

देवाघरी मिळतेच असं नाही

म्हणून I QUIT म्हणण्याइतपत मित्रा

आयुष्य खरंच वाईट नसतं.

निवडणुकीच्या जळोषात अनेक नवीन चेहरे निवडून येतात पण आता खरी गरज आहे ती राजकीय उत्क्रांतीची, देशाला खरी गरज आहे अशा एका नेत्याची जो अगदी लहानांपासून प्रौढांपर्यंतच्या सगळ्यांच्या गरजा जाणणारा. आत्ताचे आपले पंतप्रधान माननीय नरेंद्र मोदी यांच्या सत्तेत अनेक नव-नवीन बदल घडून आले. कदाचित हीच आपल्या राजकीय उत्क्रांतीची सुरुवात असावी, पण हे सगळं तेव्हाच शक्य आहे, जेव्हा प्रत्येक नागरिक आपल्या हक्काप्रमाणेच कर्तव्याचाही विचार करेल आणि राजकीय क्षेत्रात आपला एक अनोखा ठसा उमटवेल.

स्वातंत्र्य मिळवून देताना सुभाषचंद्र बोस, महात्मा गांधी, लोकमान्य टिळक इत्यादींनी मोलाचा वाटा दिला पण, आत्तापर्यंत मिळालेल्या याच स्वातंत्र्याचा वापर करून आपल्याला आपला देश एकसंघ ठेवायचा आहे. इतकी माफक अपेक्षा एका सामान्य नागरिकाची असते. तरच अगदी सगळ्या गोष्टी सुखकर व्हायला वेळ लागणार नाही.

आता गरज आहे तुमच्यासारख्या एका नव्या, उमद्या चेहऱ्याची जो घडवेल नवी क्रांती आणि बदलून टाकेल राजकीय भ्रष्टाचारी नेत्यांची वर्तने.

कदाचित या नव्या चेहऱ्यामुळे राजकीय वर्तुळात आशा, आकांक्षा, सुखी-समृद्धी जीवनाची आणि नव्या तंत्रज्ञानासह, नव्या उमेदीची लाट येईल.

बहोत देखे है ऐसे नेते

जो करते है सिर्फ बाते,

अब देखेंगे ऐसा नेता

जो रहेगा क्रांती का निर्माता!

□□□

सकारात्मक दृष्टिकोण

श्रीमती सोनाली तळेकर

(रसायनशास्त्र विभाग)

दुपारचे कडक ऊन. बसस्टॉपवर गर्दी नाही. बसस्टॉपच्या मागे पानाची गादी. एक जण पान खाऊन तेथेच थुंकतो. सर्वजण त्याच्याकडे पाहतात. पण त्याला कोणीही जाब विचारत नाही. की पानवाल्यालाही समज देत नाही.

तुम्ही तेथे असतात तर काय केले असतेत?

प्रसंग दूसरा : एक तरुण हात दाखवून रिश्का थांबवतो. मुलगा रिश्कात बसतो व कोठे जायचे ते सांगतो. रिश्कावाल्याला तेथे जायचे नसते म्हणून गॅस भरण्याचे कारण सांगून तो त्या तरुणाला रिश्कातून उतरण्यास भाग पाडतो आणि तो तरुण मुलगा रिश्कातून उतरतो.

तुम्ही त्याच्या जागी असतात तर काय केले असतेत?
गांधीजींनी म्हटल्याप्रमाणे,

“Be the change you want to see in the world”
आपण गप्प राहतो. वाद नको म्हणून डोळे, कान, तोंड बंद ठेवतो. पण यामुळेच समाजविघातक गोष्टींना अभय मिळते. समाज कंटकांचे फावते. आपण फक्त मला काय करायचेय म्हणून दुर्लक्ष करून पुढे जातो. आपणच समाज आहोत. समाजच दुर्लक्ष करू लागला तर समाज कसा सुधारणार? मी एकटा काय करणार असे म्हणून चालणार नाही. आता आपल्या हातात शस्त्र आहे. तंत्रज्ञानाचे, सामाजिक माध्यमांचे, व्हिडीओ काढा व त्या त्या अधिकाऱ्यांना कळवा अथवा माध्यमांना कळवा. “बूँद बूँद से बनता सागर” या उक्तीप्रमाणे एकदा का प्रशासनावर समाजकंटकांवर, कर्तव्यात कसूर करणाऱ्या लोकांवर धाक बसला की व्यवस्थेवर वचक बसेल. यासाठी मुलांनो वर्तमानपत्रे नीट वाचा. बातम्या पहा. चर्चा करा. मते व्यक्त करा. व्यक्त व्हा. आपण आपल्या समस्या उघडपणे बोलल्या पाहिजेत. चुकीच्या गोष्टी बाजूला सारल्या पाहिजेत तरच तूम्ही चांगला समाज घडवू शकता.

मोबाइलचा वापर फक्त सेल्फी काढण्यासाठी न करता सुधारणेसाठी केला तर फायदा होईल. एक ग्राहक, एक नागरिक म्हणून आपल्याला आपले अधिकार माहित असायला हवेत. आपल्या मोबाइलमध्ये सर्व महत्त्वाचे फोन नंबर सुद्धा

ठेवावेत. म्हणजे तत्काळ सेवा, वैद्यक सेवा, स्त्रिया किंवा बालकांच्या छळ विषयी तक्रारी, रिश्का टॅक्सी संबंधी तक्रारी, पोलिस स्टेशन, रेल्वे सुरक्षा दल इ. आजूबाजूच्या परिस्थितीचे भान ठेवावे.

आजकाल कोणी कोणाला मारत असेल तरी कोणी मध्ये पडत नाही. पार्किंगच्या कारणावरून दोन तरुण एका वयोवृद्ध माणसाला मारत असल्याची बातमी टि.व्हीवर पाहिली. त्या सी.सी.टि.व्ही फूटेजमध्ये त्या सोसायटीचा वॉचमन व इतर माणसं फक्त ही मारहाण पहात होती. हे योग्य आहे का? प्रत्येक गोष्ट निष्क्रियपणे पहात रहायची का?

निष्क्रियता नकारात्मक विचारांतून येते. हे शक्य नाही. मी हे कशाला करू? या परिस्थितीत काही बदल होणार नाही या विचारांना नकारात्मक विचार म्हणतात. आपण आपल्या जन्माच्या वेळची परिस्थिती, आपले पालक, पार्श्वभूमी, संस्कृती यांमध्ये बदल करू शकत नाही. तर मग आपलं आयुष्य सुधारण्याकरता इतर उपाय शोधायला हवेत.

आयुष्य नेहमी आव्हानात्मक असतं आणि ते तसे वाटणं म्हणजेच जिवंतपणाची जाणीव आहे. सकारात्मक असणारी माणसे आपल्या सभोवती नेहमी चांगल्या विचारांच्या तेजाचे वलय निर्माण करतात. अपयशाच्या निराशेच्या काळातही संधीचा लाभ घेण्यास जाणीवपूर्वक तयार असतात.

आपण आजही अनेक समस्यांना तोंड देत आहोत. आपल्या लहानपणापेक्षा हे जग आता खूपच बदललं आहे आणि अफाट गतीनं ते बदलतच राहाणार आहे. आजचे विद्यार्थी उद्याचे नागरिक होतात. म्हणून स्वतःमध्ये सकारात्मक बदल जाणीवपूर्वक घडवायला हवेत. चांगल्या गोष्टी करण्यासाठी प्रवाहाच्या विरुद्ध जायला घाबरू नका. सावित्रीबाई फूले यांनी समाजाच्या विरुद्ध जाऊन मुलींसाठी शाळा व आश्रमशाळा चालवल्या. शेणाचे गोळे अंगावर झेलले. अपमान सहन केला. म्हणूनच आज मुलींना शिक्षण मिळत आहे. त्याची चांगली फळे आपण चाखत आहोत.

बाबा आमटे यांनी कुष्ठरोग ग्रस्तांसाठी समाजाची

अवहेलना स्वीकारून आनंदवन स्थापन केले. संत गाडगेबाबा यांनी लोकांचे टक्केटोपणे हसत झेलत स्वच्छतेचा वसा घेतला. आपणसुद्धा थोड्या प्रमाणात का होईना कुठल्या ना कुठल्या प्रकारे खारीचा वाटा तर उचलू शकतो ना?

आपला देश धर्मनिरपेक्ष आहे. म्हणून धर्माला अतिमहत्त्व देता कामा नये. धर्माच्या नावावर वाद घालता कामा नये. आपण पहातो की लबाड नेते धर्म आणि जातीच्या नावावर राजकारण करत असतात. प्रत्येक गोष्टीला ते धार्मिक किंवा जातीय मुलामा देतात व सामान्यजन त्याचे बळी बनतात. यांपासून आपण सावध असले पाहिजे. आपण विचार करून आपली स्वतंत्र मते बनवली पाहिजेत. आजच्या मुलांना हे सामाजिक भान यायला हवे. नद्यांची स्वच्छता, जलसंधारण, रोजगाराच्या संधी, शेतकऱ्यांच्या आत्महत्या, हुंडा देता येत नाही, लग्नासाठी पैसे नाहीत म्हणून मुलीची आत्महत्या, सरकारी योजना योग्य तऱ्हेने न पोहचणे इ. अनेक विषय असतात. समाजातही आणि वैयक्तिक जीवनातही कधी कधी खूप वादळे येतात. भावनिक संघर्ष होतो. जगण्यासाठी लागणारी साधने सुद्धा नसतात. ज्यांच्या सोबतीने जगावे अशी जवळची माणसे नसतात. किंवा मग अपेक्षेप्रमाणे गोष्टी न साधल्याने जीवनात निराश होतात. जेव्हा तुम्ही अत्यंत वाईट परिस्थितीतून जात असता तेव्हा ते सगळं लिहून काढण्याचा प्रयत्न करा. किंवा जवळच्या व्यक्तींना सांगा. व्याकरण, वाक्यरचना, शब्द सामग्री, लोकांचे हसणे चिडवणे याची बिलकूल पर्वा करू नका. परंतु निष्क्रिय होऊ नका. आपल्यातल्या नकारात्मक विचारांना आव्हान द्या. स्वतःमधल्या सकारात्मकतेला चैतन्य द्या.

मुलांनो तुम्हाला जसं व्हायच आहे तशाप्रकारच्या व्यक्तींमध्ये अधिकाधिक वावरा. तुम्ही आज ते केलयं त्यापेक्षा जे केलं नाही अशा गोष्टींनी तुम्ही २० वर्षांनी निराश व्हाल. म्हणून आजच आव्हानांना तोंड द्या. सकारात्मक रहा. मला

हवं, मी करेन अशा भाषेचा जास्त वापर करा, मी करत नाही, कारणार नाही अशी भाषाच नको.

जेव्हा आपल्यात परिवर्तन शक्य नाही असा विश्वास वाटतो तेव्हा स्वाभाविकपणे आपल्याकडून कमी प्रयत्न केले जातात. जेव्हा आपण परिवर्तन शक्य आहे असा विश्वास ठेवतो. तेव्हा आपण अधिक काम करतो. म्हणून सकारात्मक राहिले पाहिजे. व्यायाम नेहमीच सकारात्मकता वाढवतो. म्हणून दिवसांतून किमान १० मिनीटे व्यायाम करावा. धाडस आणि संपर्क आपणात आणि पर्यायाने समाजात चांगले परिवर्तन घडवून आणतात. नीतिमत्तेची वर्तणूक, प्रामाणिकपणा व सचोटी नेहमीच दीर्घकालीन असतात. कवी थोरात संकटांना म्हणतात -

आव्हान माझे तुम्हाला, चालून या माझ्यावरी
धैर्याची कट्यार माझी पाजळीने तुमच्यावरी
संकटांनो सावधान गाफील मी असणार नाही
निराश मी होणार नाही

प्रसिद्ध मानसशास्त्रज्ञ रॉब युंग यांच्यामते वर्तमान क्षणात आपल्याभोवती काय घडत आहे यावर लक्ष केंद्रित करा. कल्पनेत रमू नका. मला हे करायला आवडतं असं म्हणत रहा. मुलांनो आयुष्यात सकारात्मक दृष्टिकोन ठेवा. वाईट आहे त्यातूनही चांगले शोधण्याची वृत्ती अंगी बाणवूया. जिथे भ्रष्टाचार, स्वार्थ, आळशीपणा, धर्मांधता आहे त्याच देशात प्रकाश व मंदाकिनी आमटे, अभय व राणी बंग यांसारखे लोक निरपेक्ष कार्य करत आहेत. शेतकऱ्यांच्या प्रश्नांवर काम करण्यासाठी किती लोक झटत आहेत. चांगल्या लोकांचा आदर्श समोर ठेवा. श्रद्धा ठेवा पण अंधश्रद्धा ठेऊ नका. माणूसकी जिवंत ठेवा आणि स्वतःवर विश्वास ठेवा. भारत तुमचा आहे त्याला घडवायचा की बिघडवायचा हे तुमच्या हातात आहे मग काय ठरवले? घडवणार ना?

□□□

पैसा झाला खोटा

गिरीश सर्जेराव तुपे

S.Y.J.C. (C)

लहानपणी आपण सर्वांनीच 'ये रे ये रे पावसा तुला देतो पैसा, पैसा झाला खोटा पाऊस आला मोठा' हे बडबडगीत खूप वेळा म्हटले आहे. पण पैसा खरंच खोटा झाला तर काय होईल याचा विचार कोणीच केला नसेल. आपल्या

संपत्तीमधील पैसा एके दिवशी खरोखर खोटा ठरेल याची कल्पना देखील कोणी केली नसेल. पण एका दिवसातच सर्व काही बदलून गेले आणि पैशांच्या पावसात लोळणाऱ्या लोकांचा पैसा खोटा ठरला.

८ नोव्हेंबरच्या रात्री जेव्हा माननीय प्रधानमंत्री यांनी जुन्या ५०० आणि १०००च्या नोटांवर बंदी घोषित केली, तेव्हा भल्याभल्यांच्या तोंडचे पाणी पळाले. हजारे-करोडो रुपयांचा काळा पैसा असणारे हैराण झाले. काळ्या पैशांची साठवणूक आता काहीच कामाची उरली नव्हती. सात पिढ्या बसून खातील, असे म्हणणाऱ्यांवर उधारीची वेळ आली. स्वतःला गडगंज श्रीमंत समजणाऱ्या अप्रामाणिक लोकांची अगदी दैना उडाली. सर्वकाही त्या १० मिनिटांमध्ये झाले. याआधी काळा पैसा सरकारकडे जमा करण्याची संधी सरकारने देऊन सुद्धा जे लोक गाफील राहिले, त्यांना चांगलीच अदल घडली.

आता प्रश्न येतो तो सर्वसामान्य मध्यमवर्गीय व गरीब जनतेचा. समाजामधील मध्यमवर्गीय लोकांची संख्या सर्वाधिक आहे. पण जवळपास सर्व समाजानेच सरकारच्या या निर्णयाला पाठिंबा दिला, मात्र काळा पैसा असणाऱ्यांनी या गोष्टीला विरोध केला, कारण त्यांचा पैसा बुडला. जुन्या नोटा बदलून मिळणार होत्या. खात्यामध्ये अडीचलाख रुपये जमा करण्याची मुभा होती, पण कुठे अडीच लाख आणि कुठे करोडोमध्ये असणारा काळा पैसा. प्राणापेक्षा त्या पैशाला जपणारे अप्रामाणिक लोक सरकारच्या चिमटीत सापडले होते. जनता या निर्णयाचे स्वागत करून होणारा त्रास सहन करायला तयार होती. मात्र राजकारणी लोकांनी सर्वसामान्य जनतेच्या खांद्यावर बंदूक ठेवून सरकारवर हल्ला चढवायचे ठरवले.

आता काही झाले आणि त्यावर संसदेत जर गदारोळ नाही झाला तर वेगळे वाटेल. सरकारकडून ही घोषणा होऊन महिना झाला तरी विरोधीपक्षाने संसद बंद ठेवली आहे. जनता जर या निर्णयाला पाठिंबा देत असेल तर विरोधी पक्षाला जनतेच्या नावाने खापर फोडण्याची गरज काय? खरं तर या राजकारण्यांचा बेहिशोबी काळा पैसा बुडला. निवडणूकीत

उधळण्यासाठी घरात गवताच्या गंजी सारखा नोटांचा ढीग असणाऱ्या लोकांच्या त्या पैशाला गंजीची देखील किंमत राहिली नव्हती. जे प्रामाणिक आहेत ते यातून जायला तयार आहेत पण या लबाड लांडग्यासाठी आता तो पैसा आंबट द्राक्षासारखा आहे. या नोट बंद प्रकरणाचा एक हेतू समाजाला 'कॅशलेस' करणेदेखील होता.

जर आपला समाज ई-बँकिंग, ई-वॉलेटचा वापर करू लागला तर प्रत्येक व्यवहार सरकारला कळेल. शिवाय नोट छपाईवर खर्च होणारा सरकारी पैसा वाचवता येतील. आता गोष्ट अशी आहे. नोटांचे बंडल किती लोकांच्या हाताखालून गेले तरी त्यावर लक्ष नाही ठेवता येणार, पण ऑनलाईन व्यवहाराची माहिती लगेच आयकर खात्याला मिळेल. त्यामुळे सर्व व्यवहारांवर कर आकारता येईल. असे होणे अवघड असले तरी अशक्य नाही. हे काम तरुण पिढीच्या खांद्यावर आहे. लहानपणी १-२ रुपयांचे नाणे घट्ट मुठीत बंद करून हरवू नये याची काळजी करणारी मुले मोठी झाली आहेत. आणि त्यांच्यावर देशातील अर्थव्यवस्थेमधून पैसा हरवू न देण्याची जबाबदारी आहे. तरुणांनी जर आपल्या ज्येष्ठांना मार्गदर्शन करून ही गोष्ट शिकवली तर कदाचित आपल्याला कागदांच्या तुकड्यांची गरज भासणार नाही.

आता उरतो प्रश्न तो जनतेला होणाऱ्या त्रासाचा. रोज बँकेच्या बाहेर रांगांमध्ये उभे राहणे, मानसिक त्रास, बँक कर्मचारी करत असलेले जास्तीचे काम, रोजच्या अडचणी, मात्र सर्व जनता देशहितासाठी त्रास सहन करत आहे. जशी राज्यक्रांतीमध्ये जनता उतरून क्रांती घडवून आणते त्याचप्रमाणे या अर्थक्रांतीमध्ये सुद्धा जनता उतरली आहे.

पैसा जरी खोटा झाला असला तरी तो बेईमानीचा पैसा खोटा झालाय. घामाचा, कष्टाचा, ईमानी पैसा बेफिकीर आहे.

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गाणे गावे पैलतीराचे

(पादाकुलक)

वृत्त
काजळलेल्या सायंकाळी
आकाशाचा भगवा शेला
शितल श्यामल निळ्या अंबरी
रक्त लालसर रेघ कशाला
रक्त कुसुंबी रंग पसरले
गहिरी गहिरी निळी पोकळी
प्रांजल निरलस तय हस्ताने
संन्याश्याच्या लिहिले भाळी
प्रेम करावे संन्याशाने
मुक्त मनस्वी धुंद पणाचे
उधळून सारे जीवन इथले
गाणे गावे पैल तीराचे
पैल किनारी राव थोरला
अलगद हृदयी मजला धरतो
वस्त्र कुसुंबी माझ्यासाठी
कवितेचे मग दान घालतो

जितेंद्र पेंढरकर

(भौतिकशास्त्र विभाग, वरिष्ठ महाविद्यालय)

गाव

घर माझे आहे, निळे निळे आकाश
रानात वाहतो गंध, नवा प्रकाश
स्वप्न असे कि सत्य असे
जगण्याची धुंदी मती वसे
रमलो होतो, मी हसलो होतो
क्षणा क्षणास मी साठवत होतो
तोच होता आनंदाचा झरा
तोच होता शिंपल्यातला मोती स्वरा
नाव त्या स्वर्गाचे शोधत होतो
का मी मलाच माझ्यामध्ये शोधत होतो
कोणी रेखाटूनी गेले इंद्रधनू आकाशावरती
या रंगाच्या छाया पडती माझ्यावरती
हा गाव मनाचा ठाव घेतसी माझा
हा गाव जाहला स्वर्ग मनाचा माझा

विकास सुरेश सिनलकर
S.Y.B.sc (M.cs)

उत्तराखंड

देश रडत आहे
अश्रू गळत आहेत
दुःख वाढत आहे
आणि उत्तराखंड डोळ्यापुढे दिसत आहे.

घरे वाहून गेली
माणसेही गेली
भिंतीवरील फोटोही गेले
आणि फोटोतील हास्यही गेले

कुणाचे वडील गेले
कुणाची आई गेली
कुणाची लेकरे गेली
तर कुणाचे कोणीच नाही उरले

एकदाच ढगफुटी झाली
पाण्याचा मोठा लोट आला
सर्वच घेऊन गेला पण
फक्त दुःखला सोडून का गेला?

सर्वत्र दुःखाचेच डोंगर राहिले
उचलण्यासाठी करोडो हातही आहेत
फक्त मदतीची गरज आहे
आणि त्यासाठी एकजूट अतिआवश्यक आहे!

उद्याचा दिवस दिसतोय सर्वांना
उद्या उत्तराखंड पुन्हा घडेल
भारतात आहे, होता, असेल
याची ओळखही बनेल

आणि केदारनाथ मंदिरापुढे
पुन्हा रांगही लागेल!
शिवाच्या पिडीवर
पुन्हा बेलही चढेल!

पुजा भगवान पाटील
F.Y.J.C. (A)

पश्चाताप !! ...

शिक्षण घेऊन ज्ञानी होऊ
अनुभवाने महाज्ञानी
पण स्वार्थपणे केले सगळे
तर माती होईल जन्माची
पूर्वीही राक्षस होते, पण
त्यांच्या वधाला देवही होते
कलियुगात या राक्षसाला
मरणही नाही आणि मारणाराही नाही
कष्ट कमी आणि फळ जास्त
वृत्ती झाली माणसाची
अरे! एक बी लावून सगळी
बाग घेईल का पदरी?
चिरंजीवी हो! असा आशीर्वाद
मिळे आम्हांला
प्रदूषणाने वयच कमी केलंय
फायदा काय देऊन सगळ्यांना
दहाव्या वर्षी हृदयाचा रोग,
तर आठव्या वर्षी मेंदूचा
जग बदलतंय आपणही बदलू
त्याचा विचार का करायचा
सगळ्यात चांगली गोष्ट देवाने
मनुष्याला बनविले
पश्चाताप करण्याची वेळ
देवावर आपण आपली,
आपणच आणली...

किरण फड
S.Y.J.C. (J)

आई तूच आमची माऊली ...

आयुष्यातील प्रत्येक अंधाराला;
प्रकाशाची ज्योत दाखवणारी.
स्वतः दुःख सहन करून;
आम्हा आनंद देणारी.
आई तूच आमची माऊली...

आमच्यावर अन्याय होताना;
खंबीर राहून साथ देणारी.
स्वतःला त्रास होत असताना;
आम्हाला जाणीव न होऊ देणारी.
आई तूच आमची माऊली...

लहानपणी हात धरून;
चालायला शिकवणारी आणि
मोठेपणी झालेल्या चुकांमधून;
बाहेर काढताना आधार देणारी.
आई तूच आमची माऊली...

पकडून हात जरी तुझा आम्ही आता चालत नसलो;
समजू नकोस तरी असे तू; की दुरावलो आम्ही

कारण जाणीव आहे आम्हाला;
गेलो पुढे जरी कितीही तरी
सतत बरोबर असणारी सावली;
आई तूच आमची माऊली...
तूच आमची माऊली...

संजना चव्हाण
S.Y.J.C. (A)



किताबें कुछ कहना चाहती हैं

किताबें करती हैं बातें
बीते ज़मानों की
दुनिया की, इंसानों की
आज की, कल की
एक-एक पल की
खुशियों की, ग़मों की
फूलों की, बमों की
जीत की, हार की
प्यार की, मार की
क्या तुम नहीं सुनोगे
इन किताबों की बातें?

किताबें कुछ कहना चाहती हैं।
तुम्हारे पास रहना चाहती हैं।।

किताबों में चिड़िया चहचहाती हैं
किताबों में खेतियाँ लहलहाती हैं
किताबों में झरने गुनगुनाते हैं
परियों के किस्से सुनाते हैं

किताबों में राकेट का राज़ है
किताबों में साइंस की आवाज़ है
किताबों में कितना बड़ा संसार है
किताबों में ज्ञान की भरमार है
क्या तुम इस संसार में
नहीं जाना चाहोगे?

किताबें कुछ कहना चाहती हैं।
तुम्हारे पास रहना चाहती हैं।।

सफ़दर हाशमी

बिभावा
चिड़िया

हिन्दी विभाग

क. जे. सोमैया विज्ञान एवं वाणिज्य कनिष्ठ महाविद्यालय में सक्रिय साहित्य परिसभा का उत्तरदायित्व विद्यार्थियों को साहित्य की विविध विधाओं से परिचित कराना एवं उनमें साहित्य प्रेम के अक्षुण्ण रखना है। इसी श्रृंखला में वर्ष (२०१६-१७) में कनिष्ठ महाविद्यालय में अनेक प्रेरक कार्यक्रमों का आयोजन किया गया।

परिसभा का श्री गणेश 'निबंध लेखन' प्रतियोगिता से हुआ। १३ अगस्त २०१६ को एस.वाय.जे.सी. सायन्स अँड कॉमर्स कनिष्ठ महाविद्यालय के छात्रों की उपस्थिति इस प्रतियोगिता में रही। 'बेटी बचाओ और बेटी पढ़ाओ' इस विषय पर छात्रों ने विचार प्रस्तुत किये।

दिनांक १४ सितंबर २०१६ को 'हिन्दी दिवस' के अवसर पर 'काव्य प्रस्तुती' प्रतियोगिता और 'वाद-विवाद' प्रतियोगिता का आयोजन संस्थान के सभागार में किया गया। 'काव्य प्रस्तुती प्रतियोगिता' में छात्रों ने अभिव्यक्ति के आधार पर काव्य प्रस्तुती की। तथा वाद-विवाद प्रतियोगिता का आयोजन इस कार्यक्रम में शोभायमान रहा। कुछ ज्वलंत विषय पर वाद-विवाद प्रतियोगिता का प्रमुख उद्देश्य रहा।

१) मोबाईल (भ्रमणध्वनी) महाविद्यालय में आवश्यक तथा अनावश्यक

२) गणवेश महाविद्यालय में आवश्यक?

इन उपरोक्त प्रतियोगिताओं में पुरस्कृत छात्रों की सूची निम्न रूप में है।

निबंध प्रतियोगिता दिनांक १३/८/२०१६ पुरस्कृत छात्रों के नाम

- | | | |
|-------------------|---|------------------|
| १) सुकैना अन्सारी | - | प्रथम पुरस्कार |
| २) रएना शेख | - | द्वितीय पुरस्कार |
| ३) हर्षदा यादव | - | तृतीय पुरस्कार |

हिंदी काव्य प्रस्तुती प्रतियोगिता में पुरस्कृत छात्रों के नाम दिनांक २४/९/२०१६

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|-------------------|---|------------------|
| १) खुशबू कार | - | प्रथम पुरस्कार |
| २) कुणाल महेता | - | द्वितीय पुरस्कार |
| ३) शब्बीर अन्सारी | - | तृतीय पुरस्कार |

वाद-विवाद प्रतियोगिता में पुरस्कृत छात्रों के नाम दिनांक १४/९/२०१६

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|----------------------|---|-------------------------|
| १) सुधांशु शुक्ला | - | सर्वश्रेष्ठ वक्ता प्रथम |
| २) रंजुला राजपुरोहित | - | द्वितीय |
| ३) साक्षी यादव | - | प्रथम |
| ४) अमन सिंह | - | तृतीय |
| ५) निलेश मचोडा | - | प्रोत्साहन |

विजेता दल - मोबाईल महाविद्यालय में आवश्यक अथवा अनावश्यक

- | |
|------------------|
| १) राज शाह |
| २) अमन सिंह |
| ३) नीशा राठोड |
| ४) आराधना गुप्ता |
| ५) खलफे अरबाज |
| ६) हिरेन पटेल |

विजेता दल - महाविद्यालय में गणवेश आवश्यक ?

- | |
|----------------|
| १) भाविक जेठवा |
| २) नम्र गडा |

□□□



आधुनिक युग में नारी का संघर्ष

Khushboo Kar
FYJCD

जो मुस्करा रहा है, उसे दर्द ने पाला होगा,
जो चल रहा है, उसके पाँव में छाला होगा।
बिना संघर्ष के इन्सान चमक नहीं सकता,
जो जलेगा, उसी दीये में तो उजाला होगा।

इस दुनिया में नारी की अनेक भूमिकाएँ हैं। वह तो देवी है। जो कभी माँ, बहू, बहन, बेटी के रूप में प्रकट होती है। आज हर तरह के काम में हर खेल के मैदान में, वह नारी ही तो है जो हर चुनौती से कदम से कदम मिलाकर आगे बढ़ रही है। गाने के चुनौती में, लता मंगेशकर को पद्मभूषण से सम्मानित किया गया है। खेल में मेरी कॉम, सानिया मिर्जा, पी.टी. उषा और अनेक महिलाएँ अनगिनत अंकों में उपस्थित हैं जिन्हें बहुत पुरस्कार मिले होंगे, अमेरिका के खास अखबार फोक्स मैगज़ीन में हमारे भारतीय महिलाओं के नाम दस सर्वोत्तम महिलाओं में प्रस्तुत है। चाहे वह काम कोई कर्मशियल काम हो, या नृत्य हो। खेल हो या खाना बनाने की प्रतियोगिता। भारतीय स्त्री या दुनिया भर की नारी हमारा काम करने के काबिल है।

कर बुरा तो हो बुरा, आप भले तो जग भला। हर काम के मैदान में बुराईयाँ तो भर कर होती हैं। जैसे स्त्री होने की वजह से किसी का पढ़ न पाना। नारियों को अपने हुनर को दिखाने का मौका नहीं मिलता। पर नारी अपनी अच्छाई और धीरज से आज के युग में, अपनी जगह बना रही है और आज दुनिया के लग-भग हर कोने में नारियों को सलाम ठोक कर सम्मानित किया जाता है।

जब नारी का जन्म होता है, तो कहा जाता है कि घर में लक्ष्मी आई है। पर जैसे ही वह बड़ी होती है, उसे कहा जाता है कि पढ़ाई सिर्फ लड़कों के लिए होती है। तब लड़की को घर के काम सिखा कर एक छोटे उम्र में उसका विवाह करवा दिया जाता है।

कब तक नारी सताई जाएगी ?

कभी सति के नाम पर, तो कभी लिंग के अंतर पर। पर अब समय आ गया है, कि नारी.... अपनी शक्ति दिखाए, चण्डी का रूप धारण करे और बताए कि दुनिया उसके बिना नहीं चल सकती।

नारी के चरणों से दुनिया शुरू होती है और नारी के दुःख से, एक बूंद आँसू से दुनिया का विनाश। इस युग में नारी नौकरी और घर में कामयाब है। कामियाबी से कामियाबी स्त्री को अपनी जीवन में बहुत कुछ झेलना पड़ता है। पर नारी धीरज से अपनी मुसीबतों का सामना कर तारों की तरह आज चमक रही है। धीरे-धीरे रे मना, धीरे सब कुछ होय, माली भीजे सै घड़ा, ऋतु आए फल होए।

आज भारत देश नारी के योगदान से ही प्रगति कर रहा है। वह अपने बच्चीं में अच्छे संस्कार और गुण डालकर भारत के भविष्य को अच्छा बनाती है और स्वतंत्र नौकरी कर अपने भारत का नाम चमका रही है। नारी देवी है, उसका सम्मान करें, हर वह देवी, नारी ही तो है।

□□□

माँ चाहिए - बहन चाहिए, पत्नी चाहिए। फिर बेटी क्यों नहीं चाहिए?

रनजुला राजपुरोहिती
FYJCE

आज हम भले ही विकास की ओर अपने कदमों को बढ़ा रहे हैं। परंतु हमारी सोच आज भी पीछे है हम आज भी पुरानी मान्यताओं को बढ़ावा देते हैं। स्त्री को आज भी हम उसका अधिकार नहीं देते हैं, उसके साथ आज भी उचित व्यवहार नहीं करते। आज इंसान के पास सब कुछ उपलब्ध

है। उसमें सब हासिल किया परंतु अपनी सोच को पीछे छोड़ दिया। एक आदमी को माँ चाहिए, बहन चाहिए और पत्नी भी चाहिए। परंतु बेटी को वह बोल समझता है। बेटी को जन्म देना रह एक अभिशाप समझता है। एक स्त्री जब जन्म लेती है तो उसे इस दुनिया में आने के लिए कई कठिनाईयाँ

उठानी पड़ती है। उसे कई रिश्तों को निभाना पड़ता है। मुश्किलों का सामना करते हुए अपने आप को साबित करना पड़ता है। हर स्त्री को अपने अभिमान तथा सम्मान के लिए लड़ना पड़ता है। जब कोई लड़की घर थोड़ी देर से पहुँचती है तो उसे सवालियों से घेर लिया जाता है परंतु अगर कोई लड़का रात में देर से आता है तो कहते हैं कि बेटा खाना लो, बहुत देर हो गई है थक गए होंगे। यह कहाँ का न्याय है, परंतु पृथ्वी पर ही दुनिया बसी है। क्योंकि पृथ्वी को स्त्रीलिंग में समाविष्ट करते हैं। इसका यह अर्थ है कि केवल एक स्त्री ही बोझ सह कर, दूसरों को जीवन देती है। स्त्री के इतने गुण होने पर भी आज हम उसके मूल्य को नहीं समझते। जिस घर में स्त्री को बोझ मानकर उसे दुनिया में नहीं आने देते वह घर अभाग्य होता है वहाँ देवी-देवताओं का वास नहीं होता है। नारी के जीवन के सभी मोड़ पर खुशहाली निखरने के लिए तैयार है।

यदि कन्या भ्रुण हत्या की मानसिकता इसी प्रकार फैलती रही तो हमारे जीवन का सारा ढाँचा टूट जाएगा।

इसलिए स्त्री को सही सम्मान और इस दुनिया में आने का हक मिलना चाहिए है। राम, कृष्ण, महावीर, गौतम बुद्ध, गुरुनानक, ईसा मसीह, महात्मा गांधी आदि महान विभूतियों का जन्म भी नारियों से ही हुआ है। नारियों की गोद में ही पूरा समाज विकसित हुआ है। और आगे भी उन्हीं सी लोग जन्म लेंगे। यदि नारियाँ ही नहीं रहीं तो क्या होगा? इसकी कल्पना मात्र से दिल सिहर उठता है। ज़रा सोचिए, नारियों के अभाव में हमारे देश में धार्मिक रस्मों रिवाज, पूजा-पाठ, यज्ञ-हवन, विवाह अवसरों पर मंगल गीत-गाने के कार्यक्रम कैसे संपन्न होंगे। रक्षा-बंधन, करवा चौथ आदि पर्व कैसे मनाएँ जाएँगे? यदि कन्याओं को जन्म लेने से पहले ही मार दिया जाएगा, तो जीवन का संतुलन बिगड़ जाएगा। इसलिए हमारा कर्तव्य है कि हम इन पुरानी मान्यताओं को भूलकर महिलाओं को उनका सही स्थान तथा उचित अधिकार दिलाने में सहयोग करें।

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नारी जीवन - एक संघर्ष

साक्षी कुलदीप यादव

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यह कहानी है एक ३५ वर्षीय महिला कि, जिसकी शादी कम उम्र में हो गई थी। पिताजी ने अपने भाईयों पर भरोसा कर शादी के लिए लड़के की जाँच - पड़ताल नहीं की और अपनी १९ वर्षीय बेटे की शादी उस २० वर्षीय लड़के के साथ पक्की कर दी। लड़का था दारूबाजी, नशेबाज़ी करने वाला। शादी तो बहुत ही धूम-धाम से हुई। शादी के बाद दो साल बहुत सुखपूर्वक बीते। फिर एक दिन अचानक लड़की की सास ने उससे उसके गहने माँगे लड़की गहने देने के लिए तयार थी, बाद में पता चला कि सास गहने बेचने के लिए माँग रही थी, वह भी बिना किसी वजह के। तब लड़की ने गहने देने से मना कर दिया। सास और बहु में बहुत अनबन हुई, परंतु लड़की ने सास को गहने नहीं दिए क्योंकि वह गहने उसके पिताजी ने बहुत ही मेहनत के बनवाए थे।

एक दिन अचानक उसका पति बहुत नशे में दारू पीकर घर आया। लड़की ने कुछ नहीं कहा और चुपचाप भोजन लगाकर चली गई। दूसरे दिन वापस यही हाल था, और इस बार लड़के की माँ ने उसे भहड़काया था। इस वजहसे लड़की बहुत

ही गुस्से में था और उसने लड़की को बहुत मारा। लड़के की माँ ने भी साथ दिया। लड़की चुपचाप मार सहकर शांत रही। ऐसा कई दिनों तक चलता रहा। फिर सौभाग्य से उनेक घर एक बेटे का जन्म हुआ। लड़का और उसकी माँ अब बहुत खुश थे। लड़के के पिता एक सरकारी काम में काम करते थे। वो भी नशे में धुत से थे। घर की बातों से दूर रहते थे। उन्हे पोती के जन्म की बहुत खुशी थी। बहुत जश्न हुआ पोती के जन्म पर। अब सास और पति भी शांत थे। वे भी अब कुछ नहीं करते थे। लड़की भी सुखमय जीवन व्यतीत कर रही थी। वह सास और पति का अत्याचार भूल चुकी थी।

घर में खुशहाली थी। परंतु उसका पति अभी काम पर नहीं जाता था क्योंकि उसे तो बस अपने पिता के पैसों का गर्व था। बेटे अब १ वर्ष ५ मह की हो गई थी और अब उनके घर पर एक बेटे का जन्म हुआ। परिवार में और खुशहाली छा गई। परंतु यह खुशहाली ज्यादा दिन की नहीं थी। अब ससुर का देहांत हो गया था। उसका पति और भी ज्यादा नशेबाज़ी करने लगा था और बदमाशों के साथ उठना

बैठना शुरू हो गया था। माँ भी बस अपने बेटियों के ससुराल में जाती रहती थी वह भी अब नशेबाज़ी पर उतर आई थी। बेटा एक वर्ष का हो गया था। पति की मारपीट वापस शुरू हो गई थी। परंतु लड़की अपने घरवालों की इज्जत के लिए कुछ न बोली, वह सब चुपचाप सहती रही। परंतु यह सब रुका ही नहीं। अब सास भी अपने बेटे के साथ बहु को बहुत पीट रही थी। एक दिन घर पर कोई नहीं था लड़की ने दोनों बच्चों को घर के बाहर भेज दिया और खुदको जलाने की कोशिश की। परंतु भगवान की दया से लड़की की मासी उसके ससुराल के पास ही रहती थी। वह उस दिन उसके घर ही आ रही थी। लड़की ने अपने आप पर मिट्टी का तेल डालकर आग लगा ली थी। तब ही मासी वहां से आ गई और लड़की को बचा लिया। मासी ने लड़की के मायके वालों को यह सब बताया। बेचारे माँ बाप अपनी एक लौती बेटे के लिए भागकर चले आए। लड़की की यह हालत देखकर वह बहुत ही हैरान हो गए थे, और जब उन्हें यह सब पता चला कि लड़की ने ऐसा क्यों किया था। वे अपनी बेटी और उसके बच्चों को उन दुष्ट मनुष्यों से बचाकर अपने घर ले गए।

लड़की की हालत अब सुधर गई थी उसने ठान लिया था कि वह यह अत्याचार नहीं सहेंगी। वह अब पति का घर छोड़कर माँ-बाप के घर रहती थी और अपने पैरों पर खड़ा होकर अपने बच्चों को पाल-पोस रही थी। लड़की के

माँ-बाप और चाचा-चाची ने भी उसका बहुत साथ दिया। अब बच्चे बड़े हो गए थे। उन्हें अपने पिता के बारे में सब पता चल गया था। जब बच्चे बड़े हो रहे थे, उस वक्त उनके पिता ने किसी का कत्ल कर दिया था और उसे जेल हो गयी। पति का घर छोड़ कर २२ वर्ष हो गए थे। लड़की अब एक ३५ वर्षीय महिला थी, खुदके पैरों पर खड़ी होकर अपने बच्चों को पालने वाली एक निडर, स्वाभिमानी महिला। उसके दोनों बच्चे, ही पढ़ाई में अच्छे थे और अपनी माँ का संघर्ष देखकर बहुत प्रेरित हुए। बेटी एक आ.ए.एस. ऑफिसर बन चुकी थी और बेटा एक पायलट।

महिला को अपने बच्चों पर बहुत गर्व था। महिला और दोनों बच्चे बहुत खुश और स्वाभिमानी थे। उसने इस नारी जीवन में बहुत से संघर्ष कर, अपने बच्चों को काबिल और निडर बनाया। उसके पति को अपनी करनी पर बहुत पश्चाताप हो रहा था वह माफी माँगने भी आया आपको तो पता ही होगा नारी का हृदय बहुत ही कोमल भे होता है। उसने अपने पति को माफी भी दे दी। परंतु अब बच्चों के साथ वह अपना जीवन व्यतीत करना चाहती है।

यह कहानी थी एक निडर नारी की, 'एक संघर्ष भरा जीवन - नारी जीवन'।

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चुनाव का बुखार

मेरे देश पर छाया आजकाल
चुनाव का बुखार
हर तरफ है बस प्रचार ही प्रचार
कभी ये सरकार, कभी वो सरकार

प्रचारकों की लगी लम्बी कतार
कर रहे हैं नेताजी का सत्कार
नेता जाँए द्वार-द्वार
हाथ जोड़ बोले बस अबकी बार,
हमारी सरकार।

नाशों की मार से करे एक दूसरे पर वार
वादों का तो लगा है भंडार
और उस पर विज्ञापनों की मार
एक कहें हमारी सरकार लाएगी बहार
दूसरा बोले झा बुहार, झा बुहार

तीसरा चहके: हाथ ते किया सपने
को साकार
कभी ये लगता हास्य खिल
नहीं, ये है मेरे भविष्य से मेल

मेरा बस एक सवाल है
क्या मेरे सपनों से इनका कोई सरोकार है ?
या सिर्फ सरकार बनाने का इन पर
पारोमदार है ?
बस यही चुनावी बुखार है।

Khushboo Kar
FYJCD

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आँखे खुलने से पहले

आँखे खुलने से पहले,
कितना सुकून न है यहाँ,
रंगबिरंगे सपनों, स्वशियाँ सी भरा जहान

लाखों सपने आँखों में,
सुंदर हैं मेरा ये जहान,
जो मैं चाँहू वही होगा,
पर क्या ऐसी जगा सचमूच है यहाँ ?

मैं उड़ता मैं गिरता हूँ,
उठता हूँ फिर संभलता हूँ,
लाखों चोट खाते के बाद, भी मैं जिंदा हूँ ।

यहाँ राक्षस हैं, रावण जैसे,
राम मेरा भाई हैं,
पूरी लंका में हनुमान ने नहीं
मैं ने आग लगाई है।

दुनिया बड़ी हूजाजिम हैं,
पैसों की कमी यहाँ,
पर मुझे कहाँ है स्वर्चा,
ये तो मेरे सपनों का जहान ।

सफेद घोड़े पर सवार
लगुंगा में चोदधा जैसा, Nextline:
करुंगा वध सारे दुश्मनों का,
जीत ही जीत घर लाऊंगा
सबका चहिता बन जाऊंगा ।

अरे! कल परीक्षा हैं सपना
नहीं आएगा काम
सपना वो सपना हैं
जैसा हैं पर अपना हैं
वैसे ला सकता हूँ मैं १०१ अंक
पर क्या करूँ सपना है
क्योंकि लोग जागने वालों के
काम करते और सपने वालों का कहते हैं सही ठंका।
पर मेरे चारों ये तो सोचो,
सपना न देखो तो साकार क्या करोगे?
क्या जिंदगी भर खुली आखों से गंधे
की तरह दिया काम करोगे?
अभी भी सोचो समय इतना नहीं गया है
रात फिर आयेगी,
देखो अपनी रंगीन दुनिया,
आँख खुलने से पहले,
आँख खुलने से पहले ॥

काव्य त्रिपाठी - FYJC

इंसान को इंसान बना गया ।

एक आशा थी पागल सी,
दुनिया बदलना चाहता था,
लोगों की आँखे में रोनाक और
चहरे पर मुस्कराहट बिखेरना चाहता था ।

पर इस दुनिया की रीत से अंजान,
दुत्कारा गया हजारों बार,
वक्त की कमी है कहते लोग उसे,
जीने का अनोखा तरीका फिर...
सिखाता वह किसे ।

फिर अंदर ज्वाला फूटी निकली अभी चारों तरफ,
इंसान को इंसान से परिचित करवाना हैं,
उसने ली ये मुश्किल शपत ।

दूसरों को सुधारने निकला था खुद बिगड़ गया,
इस संसार के मायाजाल में वह भी खो गया ।
फिर एक बार रात की बत्ती इसकी चमकी,
उसने सोचा यह क्या हुआ कहाँ गई मेरी हँसी ।

रोया हजारों बार,
पर न मानी हार,
फिर सफर पर निकल गया
इंसान को इंसान बनाने ।

इस बार न मानी हार,
सांसारिक मोह माया पर किया जमकर वार
मुश्किलें थी कई लगभग हजार,
पर हर बार उसका जमकर वार ।

लोगों को समझाया,
बनाया अपना चार,
ले गया उन्हें बहुत दूर खुशियों के द्वार ।

इंसान था या फिर फरिश्ता,
जो वर्तमान की काया पलट,
सबको जीना सिखा गया,
वह इंसान को इंसान बना गया ।

काव्य त्रिपाठी

FYJC

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प्यास

कल्पेश

आज हर इंसान में होती है जीत की प्यास ।
कुछ माने - की कुछ खोने की, सफलता प्राप्त करने की सब में हैं एक आस ।

प्यास हैं कुछ प्राप्त करने का जुनून और है विश्वास ।
परंतु वे न भुले की मंजिल नहीं आसान और पास ।

प्यास के बिना सुरवा हैं कुआँ सुरवा हैं मनुष्य ।
सोचो दुनियाँ प्यास के बिना कैसा होगा रह दृश्य ।

ना कपई काम ना ही उम्मीद और न बुलंद हौंसले ।
पर प्यास और लगन के बिना कैसे बांधोगे सपनों के घोंसले ।

प्यास भी कभी रहती हैं प्यासी,
पर उनका साथ देते हैं मनुष्य सहासी।

प्यास एक कारनामे अनेक,
आओ ऐसा कुछ कर जाए,
के दुनियां चाहकर भी हमें
भुला न पाएँ....



जुनून

काव्य

हर दर्द की दवा नहीं होती
कभी भी मर्जी से खफा नहीं होती ।
जहाँ में कई दर्द हैं कई है जुनून
जुनून की आग में शहीद हैं कई
परंतु सोच और हिम्मत वाले रुकेंगे नहीं ।
बढ़ते - बढ़ते काटे मिलेंगे कई ।
उम्मीदें होगी कई सौगंध कई ।
जुनूनी के साथ कभी तलवार नहीं होती
आओ प्रण लिया जाए, हर दर्द मिटाने का,
हर अन्याय हर जुलम हटाने का,
मान से जियो, ज्ञान से जियो,
पुरे सम्मान से जियो,
उतरे हो जुनून से
तोह कर दो कुछ धमाल
कि पुरी दुनिया करे तुम्हारी जय जय कार ।

रंग

काव्य

रंग से ही प्रेम हैं, रंग से दुश्वार
रंग से ही बैर हैं, रंग से ही प्यार ॥
रंगो को भी रंग हैं, रंग है हज़ार,
रंगो से दुनिया बनी, रंगो का संसार ॥
अलग-अलग से रंगो में चलो खो जाए जनाब,
इन्ही में आपको मिलेंगे संसार को हर जवाब ॥
रंगो का है ख्याब सुंदर, देखो हजारों बार
जल्द आएँगी खुशियाँ खिलखिलते तुम्हारे द्वार ॥
रंग में दर्द हैं, रंग में हैं प्यार,
रंगो से दुनिया बनी रंगो का संसार ॥

दोस्त

बरसो बाद एक दोस्त मिला था
साथे की तरह साथ चला था ।
कुछ दिनों मे पता चला
वह कोई सच्चा मीत नहीं था,
मेरे मन का प्रीत नहीं था ।
वह दोस्ती का विश्वास दिलाता
दुश्मनी का ज़हर उगलता
बातें करता था बड़ी-बड़ी
मन को चिरता था हर घड़ी
मेरी भावनाओं से खूब खेला था,
बरसों बाद एक दोस्त मिला था।

खुशियों में वह शामिल हुआ
दुखी दिनों में साथ छोड़ा
वह दोस्त नहीं दगाबाजी था ।
छोड़ दी उसकी संगत
फिर सोचा साथे से सच्चा कोई चार नहीं
फिर पता चला - साथे से बढ़कर कोई होशियार नहीं।
साथा भी रोशनी में साथ रहता है
और अंधेरे मे साथ छोड़ देता है।
वाह! जहान मे दोस्ती का क्या सिला मिला था,
बरसों बाद एक दोस्त मिला था ।

रंजुला राजपुरोहित

FYJCE



‘बेटी बचाओ - बेटी पढ़ाओ’

हर जंग में हार जाओगे
अगर बेटी को न अपनाओगे।
इंद्र धनुष्य से सजेंगे रंग,
जब संग होगी बेटी की तरंग।

बेटी नहीं भार, हैं आधार,
जीवन पर है उसका अधिकार,
शिक्षा है उसका हथियार,
बढ़ाओ कदम और करो स्वीकार।

क्या है यह अजब बर्ताव,
बेटा बेटी में भेदभाव।
पालन-पोषण से पनपते हैं विचार,
बेटी भी बन सकती है बुढ़ापे का आधार।

बेटी बिना नहीं सजता घरौंदा,
बेटी ही हैं संस्कारो का परिंदा।
अगर दोगे खुला आसमान,
बेटी भी आगे बढ़ायेगी परिवार का नाम।

बेटी न हो तो संसार न चले,
बेटी न हो तो परिवार न चले,
एक नहीं दो अंश चलाती है बेटियाँ
ममता ही नहीं प्यार की पहचान हैं बेटियाँ।

फिर क्यों जला देते हैं सुसराल में बेटियाँ,
फिर क्यों ना बाटे खुशियाँ जब पैदा होती है बेटियाँ,
जिस घर में न हो ये वो घर न चले,
फिर क्यों गर्भ में मार दी जाती हैं बेटियाँ?

ना देना सोना चाँदी, ना ही हिरे जवाहरात,
शिक्षा है अनमोल बस देना यह ही जीवन सौँगात।
बेटी बचाओ, बेटी पढ़ाओ
अपनी सोच को आगे बढ़ाओ ।

आचल विजय कलवार

FYJCD



“भारत माँ तेरा ऋण चुकाना है।”

लगातार धोखा दे रहे मुल्कों से अपनी सीमा खरवाना है,
चीन और पाकिस्तान जैसे देशों को सबक सीखाना है।
शूरीयों की इस आज़ादी की लाज बचाना है,
ओ प्यारी ‘भारत माँ, तेरा ऋण चुकाना है ।’

आत्मघाती दस्तों को हिंद से भगाना है,
इन्हें भारत के सपूतों की ताकत दिखाना है।
इस आतंकवाद से अपने देश को बचाना है,
ओ प्यारी ‘भारत माँ, तेरा ऋण चुकाना है ।’

गाय काटनेवालों पर लगाम लगाना है, ,
इन्हें हिंदू संस्कृति से परिचित करवाना है।
अपनी माता के आन, बान और शान को बनाए रखना है,
ओ प्यारी ‘भारत माँ, तेरा ऋण चुकाना है ।’

विदेशों में भूल चूके तेरे बच्चों को तेरी याद दिलाना है,
इन्हें भारत की प्रचति के लिए मनाना है ।
अपने देश की अर्थव्यवस्था को डूबने से बचाना है,
ओ प्यारी ‘भारत माँ, तेरा ऋण चुकाना है ।’

देश को खोखला कर रहे नेताओं को आँख दिखाना है,
भाई को भाई से अब मिलवाना है।
यादव-ब्राह्मण, ठाकुर-दलितों में भाईचारा बढ़ाना है,
ओ प्यारी ‘भारत माँ, तेरा ऋण चुकाना है ।’

भारत की भोली जनता को सही गलत का फर्क समझाना है,
प्रधानमंत्री मोदी के अभियानों में हाथ बटाना है।
भारत को महाशक्ति बनाने का प्रयत्न करना है,
ओ प्यारी ‘भारत माँ, तेरा ऋण चुकाना है ।’

सुधाशुं संजय शुक्ला

FYJC

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नशा ये हिंदुस्तान का है

कुछ नशा देश की खान का है ,
कुछ इस पर अभिमान का है,
कुछ शहीदों के सम्मान का है
नशा ये हिन्दुस्तान का है।
कुछ नशा पूर्वजों की आन का है,
कुछ नशा वतन पर मिटने वालों के सम्मान का है,
कुछ तिरंगे पर अभिमान का है,

नशा ये हिन्दुस्तान का है।
कुछ नशा इसे विश्व गुरु बनाने का है,
कुछ बुराइयों से बचाने का है
कुछ इस पर जान कुर्बान करने का है,
क्योंकि नशा ये हिन्दुस्तान का है।

अंकित मिश्रा

ત્યાગ

હું જાઉં છું! હું જાઉં છું!
ત્યાં આવશો કોઈ નહીં!
સો સો દિવાલો બાંધતાં
ત્યાં ફાવશો કોઈ નહીં!

ના આંસુથી, ના ઝુલ્મથી,
ના વસ્ત્રથી, ના બન્ધથી,
દિલ જે ઊઠ્યું રોકાય ના!
એ વાત છોડો કેદની!

સૌ ખુશ રહો જેમાં ખુશી!
હું જ્યાં ખુશી તે હું કરું!
'શું એ હતું? શું આ થયું?'
એ પૂછશો કોઈ નહીં!

કેં છે ખુશી! કેં છે નહીં!
દિલ જાણતું-જે છે તે છે!
જ્યાં જ્યાં કરી પેદા ખુશી
ત્યાં ત્યાં ખુશી દિલ છે નકી!

પેદા કર્યો તો ઈશક
ત્યાં ના કોઈને પૂછ્યું હતું;
એ ભૂંસવા જો છે ખુશી
તો પૂછવું એ કેં નથી.

છે ઈશક જોયો ખૂબ
તો જોવું હવે જે ના દીઠું,
કિસ્મત બતાવે ખેલ
તે આનંદથી જોવા સહી!

આ ચશ્મ બુરજ છે
ચડ્યું આલમ બધી નિહાળવા,
તે ચશ્મ પર પાટો
તમે વીટી હવે શકશો નહીં.

મારી કબર બાંધી અહીં
ત્યાં કોઈને સુવારજો!
હું જ્યાં દટાઉ ત્યાં
ફૂલોને વેરશો કોઈ નહીં!

છે શું ફૂલો, શું ઈશક ને
શું સૌ તમે જાનારને?
આ માછલું દરિયા તણું
તે ઊભિયો ગણતું નહીં.

સુરસિંહજી તખ્તસિંહજી ગોહિલ (કલાપી)

ગુજરાતી સાહિત્ય મંડળ

માતા છે ગુજરાતની ધરતી, વતનની એ માટી છે. એ માટીના મૂળ છે મારી ભાષા મારી ગુજરાતી છે. આપલો એને સાચવી જાણીએ, આપણને એ સાચવતી એ, ધૂળ નથી છે, કુળ આપણું ભાષા મારી ગુજરાતી છે. મીઠાં બોલા ગુજરાતી અમે, થોડામાં કહી દઈએ ધણું. ગરવા આ ગુજરાતની ભાષા, હરખ ઘેલા હૈયામાં ગુજરાતી ભાષા વસે છે.

મહાવિદ્યાલયનાં સંકુલમાં યોજાતી વિવિધભાષી સ્પર્ધાઓમાં વિદ્યાર્થી અંતર મનને પ્રકટ કરે છે. ગુજરાતી સાહિત્ય મંડળે આ વર્ષે ૨૦૧૬-૨૦૧૭ દરમ્યાન

યોજાવામાં આવી ને તેમાંથી વિદ્યાર્થીઓએ મેળવ્યા નીચે મુજબના પુરસ્કારો.

ગુજરાતી નિબંધ લેખન સ્પર્ધા :

પ્રથમ	:	કેવલ જોશી
દ્વિતીય	:	હેમીશાં પટેલ
તૃતીય	:	રશ્મી ગોરી

આ સાથે ૨૮.૦૮.૧૩ ના રોજ ગુજરાતી ભાષાનું મહત્વ જાળવવા ગુજરાતી દિવસની ઉજવણી પણ કરવામાં આવી હતી.

દીકરી તુલસી નો ક્યારો



પહેલાં ના ઘણાં લોકો કહેતા કે “જેના આંગણાા માં તુલસી નો ક્યારો હોય અને ખોળે રમતી દીકરી હોય તો એને શુભ માનવામાં આવતું. દીકરી એતો લાગણી અને પ્રેમ ની પ્રતિમા છે. દીકરી ના અનેક રૂપ છે જેમ કે મા, બહેન, સખી આદી સ્વરૂપ. દીકરી ને તો અત્યંત પ્રેમકારક રૂપમાં આ પ્રકૃતિએ દર્શાવ્યા છે. દીકરી નો જન્મ થતાં તેને માં લક્ષ્મિ નો અવતાર માની આખા ગામમાં બરફીની લાણી કરે. એ બાપના મનમાં આગળ ના અનેક વિચાર તો પણ દીકરી ના જન્મ થી માઠા મેઘ વરસે તે. વો અનુભવ થાય છે. પણ ઘણા ની એવી માન્યતા હોય છે કે દીકરી એ વ્યાધી છે. પણ એવું જાણો તે સત્ય નથી. એક ગામ માં વૃદ્ધ માતા-પિતા રહેતા. એક દીકરો અને દીકરી હતા. બેવુને પોતપોતાને ઘેર ઠામોઠામ કરેલ. બાપુજી માંદા પડ્યા ત્યારે બેવુને વાવડ મોકલાવ્યા. ત્યારે દીકરો કહે કે “જમો મારા ધરવાળાં માંદા છે થોડી વાર રહીને આવું. ત્યા તો પ્રેમની પ્રતિમા એવી દીકરી દોડ મુકી બાપને ઘેર ઘરની, પરિવારની ઢાલ બની જાય છે દિકરી. ખબર અંતર પૂછે. હવે આ જોતા કહો કે બાપ નો સાચી કંધોધર કોણ દીકરો કે દીકરી. કવિ કાલીદાસે પોતાની શકુંતલા નામની કથામાં શકુંતલા ના પિતા નું અત્યંત સુંદર વર્ણન કર્યું છે.

તેના પિતા વૈરાગી હતા અને સાધૂ પ્રથા પાળતા. જ્યારે પોતાની દીકરી શકુંતલા ની વિદાય થાય છે ત્યારે અશ્રુધારા વહેતી જતી અને મુખમાંથી શબ્દો સરી પડ્યા કે અમ જેવા સાધૂ ને દીકરી નો એટલો વિજોગ તો સંસારી ની શી વાત ?” દીકરી તો પત્થર મા પણ લાગણી બાંધે એવી હો. પત્થર માં જીવ નુ શ્વાસ ઉત્પાદ કરે એ દિકરી.

સંસાર ના રીવાજ માં બંધાઈ ને તે પોતાના સ્વજનોની સેવા ભૂલતી નથી. ધન્ય ! ધન્ય ! પ્રભૂ તે બાપ ને રોવાનો કાંધો દીકરી આપી. દીકરી ના લગ્ન થાય ત્યારે વિદાય વખતે ગવાય છે કે

આદસ ! આદસ ! પિપળો ...

આદસ દાદા ના ખેતર ...

સાંસરે જઈ ને દીકરી ડાયા વાઈને રેજો...

દીકરી ની ભલામણ કરે કારણ તે સામે વાળાના સ્વભાવ ને સમજે છે અને તેને જીવન માં ઉતારી આખું આયખું કાઢી નાખે છે. દીકરી પિતા અને પતિ વચ્ચેની ધરા છે. દીકરો ફૂળ ને તારે ત્યારે દીકરી બાપનું ફૂળ, પતિ નુ ફૂળ, નાના નું ફૂળ બધા મલિને સમાજ

ના વિકાસ ને એ તારે છે. એટલે જ પહેલાના સમય મા સતી થાતી જે પોતે બળી સમાજ દિપાવતી.

દીકરી ને હેયે પરોવી જાણજો હો ... કારણ દીકરી છે દિવો જે ઉજાળે સમાજ ... દીકરી ને ઉછેરી તેને તુલસી ની જેમ સાચવ જો. અમૃતમય વાણી પી, સંસારનો દિપક પ્રગટાવ જો, લજાની ચુંદડી ઓઢાડજો અને કંકુ ના પ્રેમ છાંટજો.

દીકરી તો પારકી થાપણ મારા બાપુ,

એને કાળજી થી સાચવજો મારા બાપુ

આ પારકી થાપણ ને સાચવજો તો તમારો સમાજ સચવારો.

માં પાર્વતી નુ વર્દાન બની જન્મ લેનાર આ સૃષ્ટી ને સહાય કરતા અપણે સહભાગ્ય બનીએ અને દિકરી ને ભણાવીએ, ગણાવીએ આપણ ધર્મનું ઉજળું કરતા દિકરીવે બચાવીએ.

Keval Joshi
S.Y.J.C. (F)



સિધ્ધી તેને જઈ વરે જે પરસેવે નહાય

પરિશ્રમ એ જ સફળતાની ચાવી

આ વાક્ય માંથી આપણને સરળતાથી જાણ થાય છે કે સફળતા મહેનત પરિશ્રમ કરવાથી મળે છે. ભાગ્ય ના ભરોસે કે ભાગ્ય ને દોશ દેવાથી સફળતા મળતી નથી. ભાગ્ય ના આધાર ફક્ત નિરબળ લોકો વહે છે.

પરિક્ષામા પ્રથમ આવવા માટે વિદ્યાર્થી ને મહેનત કરવી પડે છે. બીજાના ભરોસે બેસવાથી કંઈ થતુ નથી. જીવન મા કંઈક મેળવવા માટે કંઈક આપવુ પડે છે. ઉદાહરણ તરીકે, જો તમને એક ભારી બક્સાને નીચે થી દસ મા માંડે ચડાવો હોય તો તમારી પાસે બે માર્ગ હોય. અને ઉપાડી ને ચડાવો અથવા ઈલેક્ટ્રોનિક યંત્ર ની મદદ લો. આ બન્ને પરિસ્થિતીમા ઈલેક્ટ્રોનિક યંત્ર થી કામ સરળતાથી થાય છે. અહિ પરિશ્રમ કરવાનો કોઈ અર્થ નથી. અહિ ફક્ત બુદ્ધિ થી કાર્ય કરવુ પડે છે.

એક નાનકડી વાર્તા મારા આ વિષય પર બરાબર શોભી આવે છે. એક ધનવાન ખેડૂત હતો. તે ખેતી સાથે અનેક વેપાર કરતો. તેને એક દિકરો હતો. પિતાના મૃત્યુ પછી પૈસા અને વૈપાર ની જવાબદારી બધી દિકરા પર આવી. દિકરો ખૂબજ આળસૂ હતો. તેને આળસ ને લીધે તેના પિતા એ પ્રાપ્ત કરેલ સિધ્ધિ ધીરે ધીરે નષ્ટ થતી હતી. ધંધા મા ખોટ આવતી હતી. એ ખૂબ ચિંતા મા પડી ગયો.

પંડિત એ એને કહ્યુ, પૂત્ર સવારના પહેલા પોરના એ નીલકંઠ તારા જગ્યા માંથી પસાર થાય છે. તૂ તેના દર્શન કર અને આશીર્વાદ લે તને વધુ સિધ્ધી પ્રાપ્ત થશે. આ સાંભળી તે ખૂબ ખૂશ થયો. સવારે સૂર્યોદય સમયે પોતાના વૈપાર સ્થળે ગયો. ત્યા જઈ ને થયું કે ગાય ને કોઈ ચારો નથી આપતૂ તો ગાય દૂધ કેવી રીતે આપે ? શેઠ ને જોઈ ને બધા ગાય ને ચારો નાખવા લાગ્યા. કામ કરવા લાગ્યા. પછી તે વખાર મા ગયો. જઈ ને જોયુ તો નોકર વખાર માંથી સમાન બધા ને ઓછા ભાવ મા વહેચે છે. શેઠ ને જોઈ તે ડરી ગયો. માફી માંગી. તેને પંડિત ના વાત નું અર્થ સમજાયું. તે પીતાના અન્ય વૈપાર સ્થળ જઈ ને જૂએ છે. એક મહિનામા પાછી શેઠ ને સિધ્ધી પ્રાપ્ત થાય છે. ધીરે ધીરે તેની સિધ્ધી મા પ્રગતી થાય છે.

આમ થોડુ તો પરિશ્રમ કરવુ પડે છે. બધા લોકો ખોટા માર્ગ મા વધુ પરિશ્રમ કરે છે. ખોટુ બોલવૂ, જુગાર રમવું, કોઈને જૂટવી ખાવુ આવી દુષ્ટ બાબતોમાં બધા પરિશ્રમ વધુ પ્રમાણ માં કરે છે. તેઓ પોતાની શક્તિ, માનસિક ક્ષમતા, ખોટાકાસનાં વ્યર્થ કરે છે જેના થી તેમનું, ધરનાનું અને દેશ નુ નુકશાન થાય છે.

પરિશ્રમ કરો, ખૂબ પરિશ્રમ કરો પણ

સાચી રીતે અને દેશ પ્રેમ બાબત માં

જીવન માં પરિશ્રમ અને વિકાસ સાથે ચાલે છે. પોતાના દેશ અને આત્મવિશ્વાસ નો વિકાસ પરિશ્રમ કરવાથી થાય છે. જો એક વિદ્યાર્થી ખૂબ જ ભણતો હોય. મહેનત કરી અને અવલ આવતો હોય પૂરા વિષય ભણતો હોય તો અને પ્રથમ ક્રમાંક મળે છે.

તો આનંદ ફક્ત વિદ્યાર્થી ને નહિ પરંતુ તેના પૂરા પરિવાર ને થાય છે. આ ઉદાહરણ ફક્ત વિદ્યાર્થી માટે નથી પરંતુ દરેક વ્યક્તિ માટે છે. પરિશ્રમ, દુઃખ સાથે આનંદ પણ આવે છે. દુઃખ ફક્ત ક્ષણો માટે હોય છે.

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કુદરતના રમ્ય અને રૌદ્ર સ્વરૂપ

કુદરતના વિવિધ રૂપોમાં તેનાં હાસ્ય અને તાંડવના દર્શન થાય છે. કુદરતનું હાસ્ય જેટલું રમણીય અને જીવનપોષક હોય છે, એટલું જ એનો કોધ ભીષણ અને વિનાષક હોય છે. પ્રકૃતિના આ રમ્ય-રૌદ્ર રૂપો માનવીના જીવન ઘડતર અને વિકાસ પર નિયામક અસર કરે છે.

સર્જન હતુ-ન-હતું થઈ જાય છે. જાનમાલની હાની થાય છે. નંદનવન જેવાં નગરો ભસ્મીભૂત ખંડરોમાં પલટાઈ જાય છે. સરિતાની વહેણ અને સાગરનાં સ્થાન બદલાય છે.

વસંતની બહારમાં પ્રકૃતિનું સૌંદર્ય સોળે કળાએ ખીલી ઉઠે છે. વર્ષાથી સર્વત્ર છવાયેલી લીલાછમ હરિયાળીમાં કુદરત હસતી દેખાય છે. શરદ-ઋતુની રૂપેરી ચાંદનીમાં પ્રકૃતિ મંદમંદ મલકાતી હોય છે. સંધ્યાનાં રંગોમાં મહેફિલમાં તારાનાં ઝગમગાટમાં, પૂનમની શિતળતામાં, અને 'રૂ' રૂપી વાદળાઓમાં કુદરતનાં અનેક રમણીય સ્વરૂપો દેખાય છે. સાગરનો ઘુઘવાટ, સરિતાનો આનંદ ભર્યો નાદ, સરોવરોના મંદ તરંગો, સંધ્યાના મેઘધનુષના સુંદર નજરાણાં, હિમાચ્છિદ શિખરો, ઘટાધોર વનો, હરિયાળા ખેતરો તથા રંગબેરંગી પુષ્પો બગીચાઓની મહેકાતી સુગંધ કે સુવાસ પ્રકૃતિની પ્રસન્નતાને વ્યક્ત કરે છે. ખરેખર કુદરતે પૃથ્વી પર અનુપમ રમણીયતા છૂટે હાથે વેરી છે.

કુદરતનું એ કોધભર્યું તાંડવ પળમાં યુગો સુધી ન ભુંસાય તેવાં કારમાં નિશાનો મૂકી જાય છે. કોઈ વાર કોધે ભરાયેલ કુદરત વંટોળિયાના સ્વરૂપે તાંડવ કરે છે. ત્યારે તોલિંગ વૃક્ષો, મજબૂત મકાનો, વીજળીના થાંભલા વગેરેને પણ ક્ષણમાત્રમાં જમી સારે કરી નાખે છે. એજ રીતે જ્વાલામુખી ફાટે ત્યારે પણ પળમાં વિનાશ થાય છે.

કુદરતનું સૌંદર્ય અનુપમ છે અને માધુર્ય અનન્ય છે. પણ જ્યારે એજ કુદરત કોધે ભરાઈ તાંડવ કરે છે ત્યારે અત્યંત વિકરાળ અને વિનાશક રૂપ ધારણ કરે છે. પળવારના ધરતી-કંપથી માનવીનું યુગોજનું

વર્ષાઋતુમાં પ્રકૃતિ તાંડવ કરે છે ત્યારે અતિવૃષ્ટિ થાય છે. જીવન માટે અમૃતસ્વરૂપ જળ ત્યારે વિષરૂપ બની જાય છે. નદીઓમાં પૂર આવતાં જાનમાલની ત્યારે હાનિ થાય છે. વળી અનાવૃષ્ટિ થી પણ પળમાં નુકસાન થાય છે. દુષ્કાળનો પંજો માનવજાતના ઝડપી લે છે ત્યારે ભૂખની પીડાથી ટળવળતાં (માનવ) હાડપિંજરોને જોઈને કાળજું કંપી ઉઠે છે. મહાસાગરમાં ઉઠતા લહેરો પણ કુદરતનું એક વિકરાળ સ્વરૂપ છે. કુદરતનાં હાસ્ય અને તાંડવ એનાં રમ્ય રૌદ્ર રૂપો, માનવીના જીવન ઘડતર અને વિકાસમાં મહત્વનો ભાગ ભજવે છે. કુદરતનાં હાસ્યો માનવજીવનને સરસ, સુખદ અને સમૃદ્ધ બનાવે છે.

Bhanushali Bhakti A.
S.Y.J.C. (F)

અધુરો પ્રેમ

કંઈક અધુરું છે તારી યાદ માં,
પણ તુ છતા છે, મારા વિશ્વાસમાં,
તારા પગને સ્પર્શીલી હવા હજી છે મારા શ્વાસમાં,
પણ કંઈક અધુરું છે, તારી યાદમાં.
આ હૃદય કેમ રડી રહ્યું છે
કલા પ્રેમ કાંઈક કહી રહ્યું છે
ખોવાય ગયું છે આ રમતની રાતમાં
પણ કંઈક અધુરું છે તારી યાદમાં.

નથી માગતો તને હૂં ઇશ્વર પાસેથી, કારણ કે ભાગ્યનો દસ્તુર છે,
આ તો મારા પ્રેમનો પુર અને પ્રકૃતી ની સહાય છે.
નાચી રહ્યું છે આ તો તાર ધુનના અવાજમાં
પણ કંઈક અધુરું છે તારી યાદમાં.

આશા નથી કરતો હૂં તારા પ્રેમની
બંદ કરી છે મે રમત રમવાની વેમની
પણ સજા માગીશ હુ ઇશ્વર પાસે જ્યારે ભૂલ થશે મારા પ્રેમ માં,
પણ કંઈક અધુરું છે તારી યાદમાં.

અરે, જીતી લિધી મેતોઆ દુનિયા જ્યારે તુ હસ્તી હતી
અને હતી તું દુભાવ્યશાળી આ જગતમાં જ્યારે રડતી હતી
વાગી રહ્યો છે મને આ પણ એક વિચારના અંદાજમાં
પણ કંઈક અધુરું છે તારી યાદમાં.

અધુરો એટલે એ મારી પ્રેમ જ્યારે તોડી દેય છે. આ હૃદની જાળ
જીતે છે, પૂરી દુનિયા પણ માગે જ્યા જોકે એક વાળ
ઝમીશ હું હર વખતે આ પ્રેમના પુનઃ જન્મના ખેલમાં
અને રહીશ સદા હું કંઈક અધુરો તારી યાદમાં.

યશ રાઠોડ

પ્રેમ

□□□

જોતા જોતા

જોતા જોતા કોઈકની વાતો ની યાદ આવી ગઈ,
એમની સ્મિત, એમની પ્રિત, મને મારી જીત યાદ આવી ગઈ
જોતા જોતા કોઈકની વાતો ની યાદ આવી ગઈ

પિતા પિતા પાણી પ્રેમની યાદની એકાકે આવી ગઈ,
રહેતા શરાબ સાથે મદિરાની લત લાગી ગઈ,
એક નજરમા મળીને લત મને કેટલી જટ લાગી ગઈ
જોતા જોતા કોઈ કના વાતો ની યાદ આવી ગઈ

સુતા સુતા ઉંધ ન આવે, ઉંધમાં મળવાની આશ જાગી ગઈ,
અરે મુરદા પણ શું આશ કરે એમા વાસ લાગી ગઈ,
કર્જ પર રહતા, વાટો જોતા, આ મૂર્દા ને પણ શ્વાસ લાગી ગઈ
જોતા જોતા કોઈકની વાતો ની યાદ આવી ગઈ

હસતા મૂકી ચાલયા એવી એક મુજવણ આપી ગઈ
રોતંતો આ પ્રાણ જાત એવી એક સમજણ આવી ગઈ
ધબકારા આ ક્યા ખમે કેવી આ અડચણ આવી ગઈ
જોતા જોતા કોઈ કના વાતો ની યાદ આવી ગઈ

જોઈશું એમની યાદ હૂં, કે મેહફિલો આબાદ લાગી ગઈ
કવિતાઓ ભરી અટલી લખી કે હવે કાબાદ લાગી ગઈ,
જોતા જોતા કોઈ કના વાતો ની યાદ આવી ગઈ

Yash Rathod
'Prem'
Division 'C'



ઇશ્વર કોણ છે

શંકા નહીં પણ ખાત્રી જરૂર,
કે ઇશ્વર ના દુનિયા માં નુર છે
અરે એના પ્રતાપે તો આજ રણમાં આવે તો પૂર છે

હશે નખળાઇ ખરી સેનામાં,
જોતો આ ગરીબ મજબૂર છે,
કઇ ગરીબને તારા હયામા જો,
ક્યા ઇશ્વર તારા થી દૂર છે

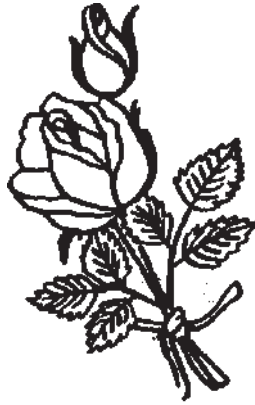
ઇશ્વર તારો વેરી નથી,
ઇશ્વર તારો પ્રેમી છે,
ઇશ્વર એ બધૂજ છે, જોઇ તો જો,
આ સંસાર ના નજરિયામાં
વેમી તો આ ખોટા વાહવાહઇ વશ લોકો છે.

નથી બંધાણો એ કોઇ દોરામાં,
ના કોઇ રૂદ્રાક્ષ ની માળામાં,
બંધાઇ ગયા છે, તો ફક્ત ઇ,
આ મંદિરો ના તાળામાં

તારે શૂ કરવુ એ ઇશ્વર ને પૂછ
એ તારા દિલમાં રહે છે
તારા વિશ્વાસ અને તારા સાચા કામથી આગળ વધ એ બાળક
એમ તારો ઇશ્વર કહે છે

ભલે પણ વાંધો નહીં, તાળામાં બંધ સહી
પણ જ્યાં સુધી તારા મનમાં પ્રેમ છે, આત્મવિશ્વાસ છે
ચઢી જા આ સફલતા ના પર્વતપર
અમર થઇજા તારા ચાહકો માટે
એમ તારો ઇશ્વર કહે છે

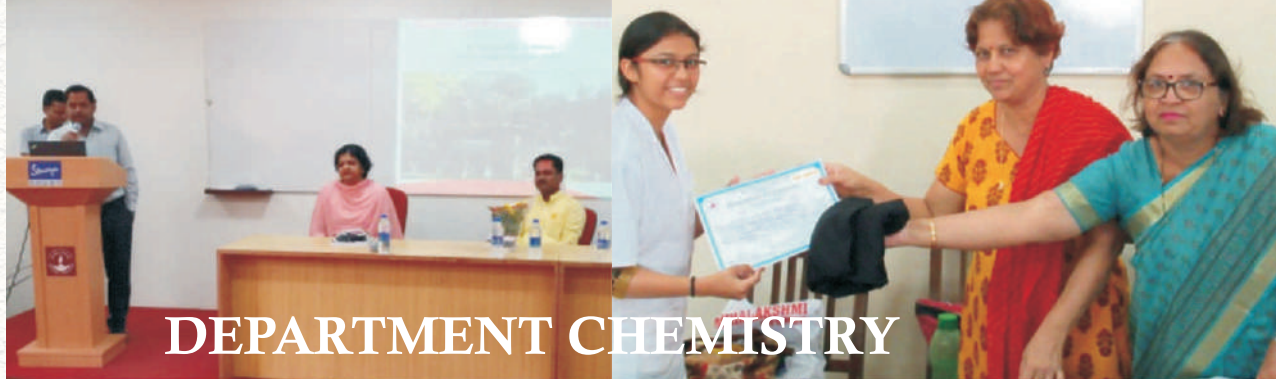
Yash Rathod
'Prem'
Division 'C'





Department Reports

DEPARTMENT ACTIVITIES



DEPARTMENT CHEMISTRY



WORKSHOP ON RADIOCHEMISTRY



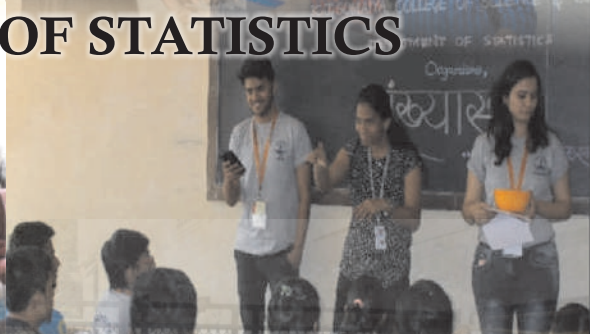
EMPRESSA



ACCOUNTS

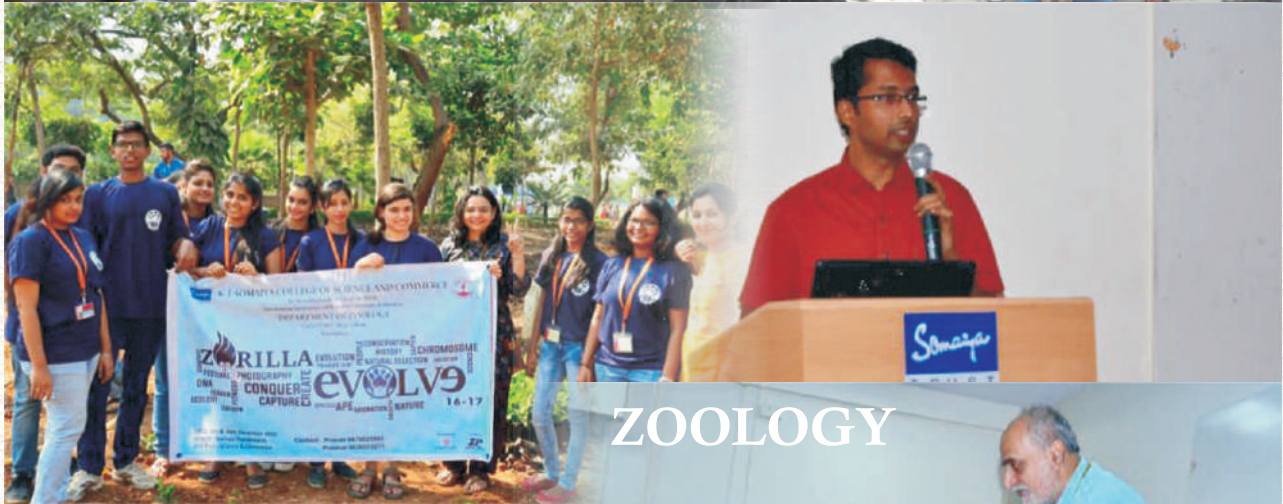


DEPARTMENT OF STATISTICS



MICROBIOLOGY

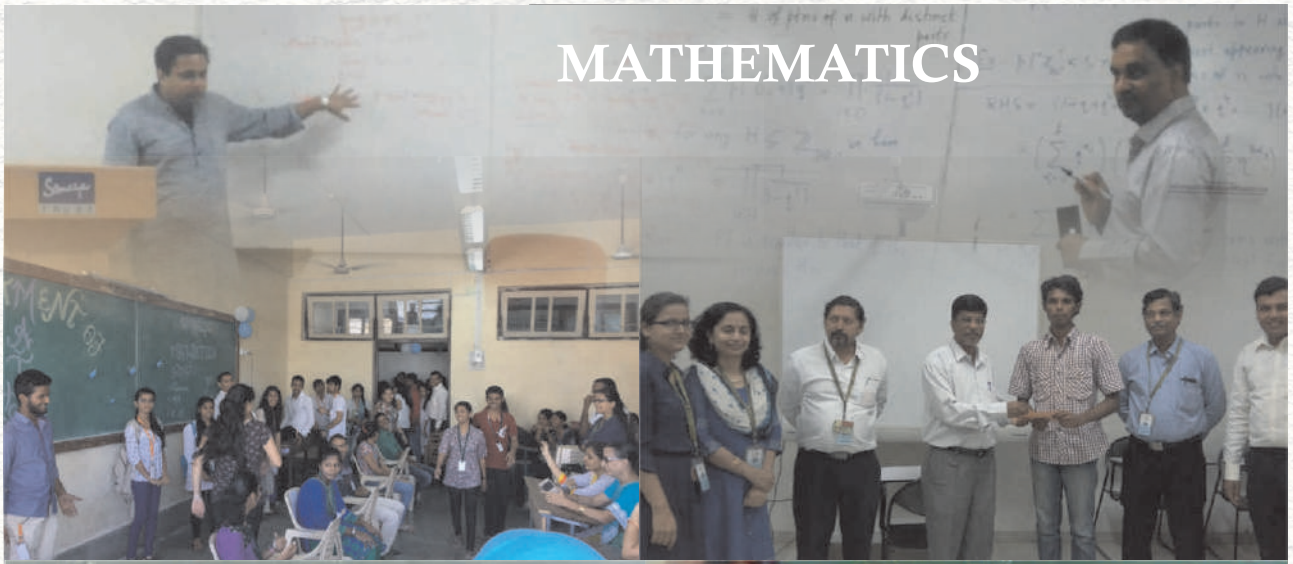
PHYSICS



ZOOLOGY



MATHEMATICS



ECONOMICS



COMMERCE



Department of Biochemistry

- The result for the April 2016 – 17 examination was 100% at the T.Y.B.Sc and M.Sc level.
- Team of Four M.Sc students from the department received the Young Innovator award in Science Category, Zee 24 Tass.
- Dr. S. M. Pawaskar, Head, Department of Biochemistry, conducted sessions for all Biochemistry students (T.Y.B.Sc., M.Sc.I and II) to improve Self-confidence, writing and presentation skills.
- An article by Dr. S. M. Pawaskar titled “ Why pharma taking interest in Neutraceutical industry” was published in the Magazine “ Pharma Bio World” in February 2017.

Events

- An **interactive session** was organized for T.Y.B.Sc. and M.Sc students ,on 13th June 2016. Dr. Prabobh Halde, Head, Technical Regulatory Affairs (Marico Industries), President, AFSTI (Mumbai) and his team members were invited to interact with the students to make them aware of various career opportunities in the food industry.
- A one day **Workshop** on “Biological Indicators” was organized for the students of Biochemistry department on 20th August 2016. Dr. Shibu Chakraborty, General Manager, Salesworth Synergies Ltd was the resource person for the workshop. He was welcomed and introduced to the students by Dr. S. M. Pawaskar, Head, Department of Biochemistry.
- Guest lecture by Dr. Shrirang Joshi was organized by the Department of Biochemistry on 28th August 2016. He interacted and guided M.Sc students of the department regarding overall personality development and various sensitive issues like stress, addictions, and pressures of various kinds using witty one-liners.
- “**Nutritional Awareness Programme**” was organized by the department from 7th December to 10th December’ 2016 under Vigyan yagnya 2016.
- The department organized an annual intercollegiate event ‘ Health Fair – Food Fest’ under Vigyan Yagnya 2016 on 8th December 2016. The event included a number of competitions like poster presentation, Health Court, Bio Treasure signalling, Healthy Dessert preparation, Bio Imagica, Bio Pictionary and Bio Jingle. The students of the department actively participated in the events and won many prizes. 154 students from 20 reputed colleges of Mumbai university participated in the event.
- The Department of Biochemistry had organized a DBT sponsored (Under Star college scheme) “**Swasthya Mahotsav 2016**” on 9th and 10th December’ 2016 under **Vigyan Yagnya 2016**. The event started with the Campus prayer. Dr. S. M. Pawaskar, Dean, Research & Extension and Head, Department of Biochemistry welcomed all and briefed about the event. This was followed by series of talks in Clinical/Medical Biochemistry by 9 leading and eminent medical practitioners in Mumbai over next two days.
- Biochemistry department had organised a ‘**Routine Biochemical tests package**’ for the entire staff, students of **Somaiya Vidyavihar** and **staff of Somaiya Head office** on 9th and 10th December’ 2016.

Following students from the department won prizes in various competitions.

Students Achievements :

Sr. No.	Name of the student	Class	Activity	Award
1.	Ms. Shruti Jadhav	T.Y.B.Sc	Mime at 49th Youth festival (2016-2017), University of Mumbai	IInd
2.	Ms.Shruti Jadhav	T.Y.B.Sc	Solo Dance in Asmita 2016	Ist

3.	Ms. AnkitaNarkar	T.Y.B.Sc	Solo Dance in Asmita 2016	
4.	Mr.kunalPalan	M.Sc. I	Healthy Recipe contest at Health Fair- Food Fest 2016	Ist
5.	Ms.Drashti Shah	M.Sc. I	Healthy Recipe contest at Health Fair- Food Fest 2016	Ist
6.	Mr Shreemant Muni	M.Sc. I	Biojingle contest at Health Fair- Food Fest 2016	Ist
7.	Mr Shreemant Muni	M.Sc. I	Admad show at Health Fair- Food Fest 2016	IInd
8.	Mr Shreemant Muni	M.Sc. I	Biojingle contest organised by Khalsa College	Ist
9.	Mr Shreemant Muni	M.Sc. I	Biojingle contest organised by Khalsa College	IInd
10.	Mr.SampatSutar	M.Sc. I	Biojingle contest at Health Fair- Food Fest 2016	Ist
11.	Mr.SampatSutar	M.Sc. I	Biojingle contest organised by Khalsa College	Ist
12.	Mr.ShrihariPadhi	M.Sc. I	Biojingle contest organised by Khalsa College	IInd
13.	Mr. Tauseef Rizvi	M.Sc. II	Young Innovator award in Science Category, Zee 24 Tass	-
14.	Mr. Maulik Doshi	M.Sc. II	Young Innovator award in Science Category, Zee 24 Tass	-
15.	Mr. Rahul Chavan	M.Sc. I	Young Innovator award in Science Category, Zee 24 Tass	-
16.	Mr. KiranAradale	M.Sc. I	Young Innovator award in Science Category, Zee 24 Tass	-

Department of Biotechnology

❖ Departmental Activities

Abhyas Mohotsav

Abhyas Mohotsav a yearly fest conducted by the department of biotechnology for the past few years, took place on 16th September 2016 with the active participation of over 90 young researchers and teachers. It aims at letting students know the recent advances in the field of biology by interacting with well known scientists and helps them build a scientific temper. This year we had eminent speakers talk about their forte.

Session-1: Regenerative medicine- Dr. Pratibha Shetty

To open proceedings with a fascinating keynote address on the recent advances in stem cell technology was Dr. Pratibha Shetty. This was a

remarkable insight on stem cell advances. Dr. Pratibha Shetty is a principal scientist at Reliance Life Sciences and is been working on stem cells since 2001.

Session-2: Transfusion medicine- Basic facts - Dr. Ajit Gorakshakar

Dr. Ajit Gorakshakar, Head of Department of Transfusion Medicine at National Institute of Immunohaematology, spoke on Transfusion medicine – basic facts.

Session-3: Physiology of blood coagulation and blood disorders- Dr. Bipin Kulkarni

Dr. Bipin Kulkarni was the third speaker on the day of Abhyas Mohotsav. He is working as a senior scientist in the Department of Haematology and Thrombosis, National Institute of Immunohematology.

He has received several awards in his field of specialization and has 44 publications under his name. Some of his latest publications include Spectrum of mutations in Indian patients with fibrinogen disorders and its application in genetic diagnosis of the affected families, Sense, missense, and nonsense: a novel mechanism of premature termination codon (PTC) mutation in a severe von Willebrand disease (VWD) patient, Non-conventional mutations associated with myeloproliferative disorders are absent in splanchnic venous thrombosis cases etc. He delivered a talk on PHYSIOLOGY OF BLOOD COAGULATION AND BLOOD DISORDERS.

Session-4: Collagen vascular diseases (CVD).Dr. Vandana Pradhan

Dr. Vandana Pradhan was the fourth speaker on the day of Abhyas Mohatsav. She is currently working as Senior Scientist in the department of Clinical and experimental Immunology at ICMR - Indian Council of Medical Research and NIIH-National Institute of Immunohaematology. She has received several awards in her field of specialization and has 70 publications under her name.

Parent Teacher Meeting Report

In association with the Attendance Committee, the Department of Biotechnology organized a Parent Teacher meeting on 9th July 2016 for the SYBSc and TYBSc parents/guardians. The main objective was to interact with the parents of the SYBSc and TYBSc students regarding their wards' academic profile and class participation.

A Power point presentation involving slides for each class, college timings, departmental activities, continuous evaluation and attendance rules was prepared and put for auto display. Dr. K.Z Marolia, coordinator of biotechnology department and other staff members met parents who came before the allotted time and diligently counseled their wards. The remaining students submitted the letter requesting their parents to be exempted from attending the meeting on the ground of genuine reason since some parents lived outstation. However, exceptional cases which required urgent counseling were informed to call their parents and meet H.O.D as per mutually convenient timings.

Students were provided with the goal sheet forms a few days prior to the PTM and on the day of

the PTM they discussed their goal sheets with the staff and parents to which both students and parents found the counseling interactive and motivating. Some potential students were encouraged to take up Honor's program while others were asked to improve their study pattern, attendance record and English speaking ability for students coming from vernacular medium were addressed and solutions to help student progress suggested.

Feedback forms as provided by the college were given to the parents and their valuable inputs were recorded for overall improvement. The feedback forms were printed in two languages – English and Marathi – to enable more efficient data collection from the parents. Additionally, the department also maintained a record of all the parents who attended.

Since the Parent Teachers' Meeting was scheduled almost immediately following the successful culmination of the much cherished 'Biozone' activity of the department, the declaration of the awardees of the Biozone event was made during the PTM and quite to the delight of the parents and students, the parents were called upon to present the certificates to their wards. It was a wonderful experience for both the awardee and his/her parent since such an occasion is surely rare rather an almost non-occurring event.

Further, using the opportunity the parents were apprised of the importance and relevance of the industrial visit being planned for their wards and were assured regarding the strict discipline that would be maintained during the visit.

Biozone (2016-2017)

"Biozone" is an initiative by the Department of Biotechnology towards inculcating and reviving the thirst for Biotechnology in the students. The activity involves a series of presentations by the S.Y.B.Sc. and T.Y.B.Sc. students on related biological topics.

This year "Biozone" was a three-day event and was held on 02nd, 04th and 05th July 2016. The topic selected this year was "Environmental disasters" for S.Y.B.Sc and "Active components in herbs and spices" for T.Y.B.Sc. As has been the tradition since 2009, the S.Y.B.Sc. students were judged by the T.Y.B.Sc students and the T.Y.B.Sc students were judged by the MSc Part II students. The response

from the students was overwhelming and their keen interest was evident.

The following students who performed exceptionally well were declared as winners.

S.Y.B.Sc – 1st Prize- Shivani Bhawsar

2nd Prize- Rebekah Pol and Rutuja Mulay

3rd Prize- Ramakant Dubey and Mrunal Dalvi

T.Y.B.Sc – 1st Prize- Anjali Soni

2nd Prize- Sadhana Thevar and Priyanka Devlekar

3rd Prize- Varun Tiwari and Khyati Gudur

Since the Biozone presentations culminated on Day 2, on the third day of the event an informational and inspiring documentary entitled “HOME” was showcased to the students discussing about Earth as an ecosystem and how it is interlinked, and further how anthropological activities are affecting the ecosystem and leading to its subsequent destruction.

Since the Parent Teachers Meeting was scheduled on 9th July 2016 almost immediately following the successful culmination of “Biozone” activity, the declaration of the awardees of the Biozone event was made during the PTM and quite to the delight of the parents and students, the parents were called upon to present the certificates to their wards. It was a wonderful experience for both the awardee and his/her parent since such an occasion is surely rare rather an almost non-occurring event.

Biotechnology Alumni Guest Lecture

“**Abhyas Mahotsav**” is an educational activity organized by Biotechnology Department along with KJSSC. Our honourable Principal Dr. Vijay Joshi and Management Board have funded as well as actively participated in this annual programme. This **Alumni Guest Lecture** was scheduled on Monday, **27th Feb 2017** at 9.00 a.m. in Seminar Hall of KJSSC. The event was started by a welcome speech by Dr K.Z. Marolia, Co-ordinator. The event included lecture by Mr. Mohit Parekh a Research Scholar from International Centre for Ocular Physiopathology (ICOP) with emphasis on choices available after the biotechnology degree. The topic of the lecture was “*My Journey from Dreams to Vision*”. This lecture was open for UG and PG students of Department of Biotechnology. The lecture was attended particularly

by FYBSc, TYBSc students and MSc Part 1 students. A total of 40 students attended the lecture.

Visit to Directorate of Forensic Science Laboratories, Kalina, Mumbai

As a one day visit, the students of T.Y.B.Sc (Biotechnology) had a fortune to visit “Directorate of Forensic Science Laboratories, Kalina located in Kurla-West on 31st January 2017. Prof Amit K Jethwaa and Prof Jayesh M. Bhagat accompanied the students.

Directorate of Forensic Science Laboratories is a state government run forensic science centre. Visit was carried out to various divisions. For the visit, each division was equipped with the posters to explain the nature of work carried out by the respective department, unique and advanced instruments used by the forensic scientist for the investigation. Some unique cases were discussed to support the work carried out by the division.

Various sections visited were:

- Toxicology department: post mortem analysis of the viscera received.
- Prohibition and excise department: Ethanol analysis in the blood and various commercial liquor brands. Analysis of methanol in local liquors. Department is also involved in analysis of drugs, intoxicants and exploitable.
- DNA fingerprinting: Molecular biotechnology approach for the detection of rapist and murderer from the sample obtained from the site of crime and suspicious after carrying out DNA fingerprinting based on STR markers.
- Biology and serology: From the blood spots and semen sample, blood group of the sample received can be identified which can be further used in the investigation.
- Physics and Forgery: Investigation of fake currency, degrees, stamps and number plates.
- Ballistic department: To know the probable distance and location from where the bullet was shot.
- Tape authentication and speaker identification: To catch the criminal from the audio proofs

available by matching the frequency of pronouncing vowels. Video analysis for finding the car number from the plate and to derive a criminal's image.

- Cyber forensics: To retrieve data from the hard disk and from the mobile.
- Psychology department: To get the statements under subconscious condition and also to carry out lie detection test.

Visit was fruitful and enriching as it gave detailed idea of the method and applicability like DNA fingerprinting, PCR, TLC, HPLC, GC, Density meter and methods used for identification of the chemicals studied in curriculum.

Visit to National Institute of Immunohaematology

Department: Clinical and Experimental Immunology, NIIH, Parel

Batch I TYBSc (11 Students) 12th August 2016 Prof Jayesh M. Bhagat

Batch II MSc P2 (9 Students) 19th August 2016 Dr. K Z Marolia

Batch III MSc P2 (9 Students) 2nd September 2016 Prof Hemangi K.

A one day visit was organized for T.Y.B.Sc and M.Sc students to "National Institute of Immunohaematology" in KEM Hospital campus located in Parel on 19th August 2016. NIIH is an esteemed research centre for various Immunohaematology areas such as Stem Cell Biology, HLA and Transplantation, Hematogenetics, etc. Dr. Vandana D. Pradhan informed that the project in their laboratory is related to systemic type of autoimmune diseases such as Systemic Lupus Erythematosus (SLE) and also Systemic Sclerosis in which the response is directed towards a broad range of target antigens and involves a number of organs and tissues. Active Scleroderma samples are taken for research purposes. Dr. Vandana D. Pradhan gave a brief introduction about ELISA technique

Teacher's participation in Conferences/seminars and workshops.

No.	Title of the Workshop/Seminar	Local/State/National/International	Date	Venue	Role
Dr. Kamalrookh Zurvan Marolia					
1.	F.Y.B.Sc revised syllabus workshop	Local	19/07/2016	V.G.Vaze college	Participant
2.	Workshop in clinical biochemistry	Local	11/11/2016	Tata Memorial Hospital	Participant
3.	Board of Studies meeting in Biotechnology College	College	16/12/2016	Biotechnology department, KJSSC	Chairperson
4.	One day symposium on IPR in Life Science	Local	21/01/2017	K.J.S.S.C.	Participant
5.	Youth Science Congress	University	18/02/2017	K.J.S.S.C.	Jury
Mr. Amit Jethwa					
1.	F.Y.B.Sc revised syllabus workshop	Local	19/07/2016	V.G.Vaze college	Participant
2.	MOOC - Introduction to Proteomics	National	July-Sept. 2016	IIT-NPTEL	Participant

3.	Workshop in clinical biochemistry	Local	11/11/2016	Tata Memorial Hospital	Participant
4.	Science Fair/ Exhibition VigyanYagnya- 2016	Local	7/12/2016-10/12/2016	KJSSC	Organiser
5.	Board of Studies meeting in Biotechnology	College	16/12/2016	Biotechnology department, KJSSC	Member
6.	Symposium on Innovations in Cosmetology and Biotechnology	Local	14/01/2017	V.G.Vaze College	Participant

Ms. Hemangi Kotibhaskar

1.	Workshop in clinical biochemistry	Local	11/11/2016	Tata Memorial Hospital	Participant
2.	Workshop on Scientific writing	Local	01/12/2016	K.J.S.S.C	Organiser
3.	Best all round and female student award round-2	Local	07/12/2016	K.J.S.S.C	Judge
4.	Microscope- 2016	Local	08/12/2016	K.J.S.S.C	Judge
5.	Board of Studies meeting in Biotechnology	College	16/12/2016	Biotechnology department, KJSSC	Member
6.	National conference academic and administrative audit	National	13/01/2017 to 14/01/2017	K.J.S.S.C	Organiser
7.	Level 2 of the STEM teacher training workshop on Research Based Pedagogical Tools (RBPT)	National	1/3/2017 to 4/3/2017	IISER, Pune	Participant

Mr. Jayesh M Bhagat

1.	F.Y.B.Sc revised syllabus workshop	Local	19/07/2017	V.G.Vaze college	Participant
2.	Workshop on Terrarium making	Local	17/09/2016	K.J.S.S.C	Participant
3.	Workshop in clinical biochemistry	Local	11/11/2016	Tata Memorial Hospital	Participant
4.	Pushpam- 2016	Local	6/12/2016 7/12/2016	K.J.S.S.C	Judge
5.	Board of Studies meeting in Biotechnology	College	16/12/2016	Biotechnology department, KJSSC	Member
6.	National conference academic and administrative audit	National	13/01/2017 to 14/01/2017	K.J.S.S.C	Organiser
7.	Analysis of biological data	Local	27/01/2017 to 28/01/2017	GNIRD, G. N. Khalsa college, Matunga	Participant

Dr. Jacinta George					
1.	Workshop on Terrarium making	Local	17/09/2016	K.J.S.S.C	Participant
2.	Workshop in clinical biochemistry	Local	11/11/2016	Tata Memorial Hospital	Participant
3.	Science Fair/ Exhibition VigyanYagnya- 2016	Local	7/12/2016-10/12/2016	KJSSC	Organiser
4.	Board of Studies meeting in Biotechnology	College	16/12/2016	Biotechnology department, KJSSC	Member
Dr. Abhishek Mane					
1.	Workshop in clinical biochemistry	Local	11/11/2016	Tata Memorial Hospital	Participant
2.	Science Fair/ Exhibition VigyanYagnya- 2016	Local	7/12/2016-10/12/2016	KJSSC	Organiser
3.	Board of Studies meeting in Biotechnology	College	16/12/2016	Biotechnology department, KJSSC	Member

Department of BFM

Report on Activities jointly organised by: -

- Department of B.com in (Accounting & Finance)
- Department of B.com in (Financial Markets)
- Department of Bachelors in Management Studies

Intercollegiate Event “Empresa”

The Department of BCAF, BFM & BMS had jointly organized “Empresa” Intercollegiate fest on 25th and 26th November, 2016. The fest was organized with the objective to provide platform for the students to showcase their talents. Our main sponsor for the event was Event Factory & Entertainment Pvt. Ltd. The seven events were divided in two days of the event.

On 25th November, 2016, our Principal (Dr. Vijay Joshi) inaugurated the Empresa fest. The first event started with Quirious – Quiz, followed by Word War – Debate, Market kshetra – Product Development, Bullions of Market – Mock Stock trading. On 26th November, 2016 i.e second day of the fest, the events organized were Mr. & Ms.

Empresa, Think Tank – Case studies, Solo Dance and Best college award based on the maximum participation from the same college.

The event was successful enough to attract as many as 122 students from 17 colleges across Mumbai. The fest executed with a total of 7 events planned and organized at its best of quality. Focusing on the types of events to include in the fest was decided by core committee volunteers, coordinators and teachers keeping the interest and need of the commerce students into consideration, with little emphasis on the fun full events behind the scene.

The winners were encouraged with a certificates and trophies for all the events. Department feels proud to organize such a successful event and would like to convey thanks to principal and management for their timely advice and cooperation for organizing successful Fest.

Campus Placement

The campus placement of TYBMS, TYBAF, TYBFM Students in WNS (Knowledge Process Outsourcing Company) was conducted on 6th December, 2016. The students went through two

rounds of selection. The first round was aptitude test and second round was Personal Interview. The following students were offered **Letter of Intent by the WNS Company.**

- The students from **TYBMS** selected are:- Tushar Bali, Pradeep Yadav and Yash Gupta
- The students from **TYBAF** selected are: - Rishubh Mishra, Tanvi Gohil, Aakash Shah
- The students from **TYBFM** selected are: - Anosh paul, Urdhva prabhune, Bhavesh shinde, Urvashi Bhanushali, Prachi Lokhande

BSE Visit

The BSE visit was organised on 16th December, 2016. The purpose of the visit was to understand online trading system of the stock exchange and career opportunities in financial markets. Around 129 students along with four faculties visited Bse.

Industrial Visit

- Delhi Amritsar from 19th to 25th December, 2016 for TYBMS, TYBAF, TYBFM Students. Industry visited :- Lee cooper

- Mahabaleshwar from 9th to 11th January 2017 for FYBAF, FYBMS & FYBFM Students. Industries visited: - Mapro Industries and Kisanveer Sugar Factory.
- Goa from 20th to 24th feb, 2017 for SYBAF, SYBMS & SYBFM students. Industries visited :- Goa Dairy, Doordarshan Samachar.

Women Self Defence Training

Women self Defence training was organised for the Girl students in our college on 11th February, 2017. The Chief Guest for the training session was the Mrs. Smita Dave, professional trainer in kick boxing and Martial Arts. Around 140 students along with 15 teachers attended the Self Defence training.

Best College Trophy bagged by our students

Our college “**K. J. Somaiya science and commerce**” was awarded with “**Best college**” Trophy by the (Hooner fest organized by K. J. Somaiya Arts and Commerce and Zenith fest organized by S. K. Somaiya Arts, Commerce and Science).

Students Achievements in Inter Collegiate Events: -

Class	Name of the student	Participation in fest & events	Achievements
SYBMS	Sanket Jain	Zenith (K. J. Somaiya Arts and Commerce)	2nd prize in shipwreck event
TYBAF	Jay Lodaya	Zenith (K. J. Somaiya Arts and Commerce)	2nd Prize in Market Mayhem
TYBAF	Shubham Shah		
SYBAF	Shreya Shetty	Zenith (K. J. Somaiya Arts and Commerce)	2nd Prize in Market Mayhem
SYBAF	Niharika Pokle		
SYBMS	Pranay Pawar	Zenith (K. J. Somaiya Arts and Commerce)	3rd prize in Board Room Trial
SYBMS	Preet Shah		
SYBMS	Aniket Jagtap		
SYBMS	Dhruvin Rambhaia		
SYBMS	Shreyas Shah		
TYBAF	Bhavya Doshi	Zenith (K. J. Somaiya Arts and Commerce)	2nd Prize in corporate 360
FYBMS	Vatsal Parekh		

FYBMS	Milan Mapra	Zenith (K. J. Somaiya Arts and Commerce)	1st prize in quiz
FYBMS	Dhawal Gosar	Zenith (K. J. Somaiya Arts and Commerce)	1st prize in quiz
TYBAF	Jay Lodaya	Hooner (S. K. Somaiya Arts, Commerce and Science)	1st prize in fashion show
TYBAF	Shubham Shah		
TYBAF	Bhavya Doshi		
SYBMS	Sanket Jain		
SYBAF	Shreya Shetty		
SYBAF	Niharika Pokle		
FYBMS	Kirti Jataria		
FYBMS	Manali Sharma		
SYBMS	Pranay Pawar	Hooner (S. K. Somaiya Arts, Commerce and Science)	2nd prize in Dance
SYBMS	Sanket Jain		
SYBMS	Kunal Timbalia		
SYBMS	Yash Chadidar		
SYBMS	Harsh Jain		
SYBMS	Aniket Jagtap		
SYBMS	Vibhav Tungare		
SYBMS	Hilor Rawat		
SYBMS	Shreyas Shah	Hooner (S. K. Somaiya Arts, Commerce and Science)	1st prize in Burp
SYBMS	Yash Chadidar		
TYBAF	Bhavya Doshi	Hooner (S. K. Somaiya Arts, Commerce and Science)	2nd prize in Roadies
SYBMS	Dhruvin Rambhaia		
SYBMS	Tejaswini Tapadia	Hooner (S. K. Somaiya Arts, Commerce and Science)	2nd prize in Quiz
SYBMS	Sanket Shah		
SYBMS	Pranay Pawar	Hooner (S. K. Somaiya Arts, Commerce and Science)	1st prize in poetry
SYBMS	Ashutosh Ganatra	Hooner (S. K. Somaiya Arts, Commerce and Science)	1st prize in clash of CL's
TYBAF	Bhavya Doshi		
SYBMS	Raunak Rathod	Hooner (S. K. Somaiya Arts, Commerce and Science)	2nd prize in Art work
SYBMS	Shreya Parekh		
SYBMS	Niheer Patel	Hooner (S. K. Somaiya Arts, Commerce and Science)	2nd prize in Mini Militia

SYBAF	Dhaval Chheda	Hooner (S. K. Somaiya Arts, Commerce and Science)	1st prize in singing
FYBMS	Owais Sayani	Parliament 2.0	Best Speaker
FYBMS	Nensi Patel	Mantra	Tattoo painting
TYBAF	Mihir Gogri	Revival (SIES Nerul)	1st prize in event
TYBAF	Nirav Bhanushali		
SYBMS	Tejaswini Tapadia	Udaan (L.S. Raheja College)	1st prize in Quiz
SYBMS	Sanket Shah		
SYBAF	Dhawal Chheda	Udaan (L.S. Raheja College)	2nd prize in singing
FYBFM	Satyam Jaiswal	K. J. Somaiya Science & Commerce	Runner up in football

Department of Botany

Established in June 1960 under K. J. Somaiya College of Arts and Science with (11+2+2) degree course.

Academic year 2016-17 started from 6th June, 2016. The student strength for the year was as follows,

F. Y. B. Sc -167, S. Y. B. Sc.- 77 and
T. Y. B.Sc - 25

Students and Faculty members of the Department of Botany have participated and conducted various activities during this academic year.

- Parent Teacher's meeting was organized on 9th July 2016 for S.Y.B.Sc. and T.Y.B.Sc students. During this session the parents interacted with the teachers.

Invited Talks /Workshops.

- A guest lecture by Dr.(Mrs.) Manjushree Deodhar Associate Prof., Department of Botany, Vaze college on Construction of cost effective photobioreactors for CO₂ sequestrational utilizing algal biomass in cosmetic products was organized under STAR COLLEGE SCHEME on 13th Aug. 2016.
- Mr.Sushil Shinde our alumnus ,Assistant Prof.in Botany, Thakur College delivered a talk on "Key to identification of Plants" on 20th Aug. 2016.

- A one day workshop on terrarium was organized by the department on 17th Sept. 2016 Major.Dr.Mrs Urmila Sarkar, Assistant Prof, Department of Botany Kirti College was the resource person.
- In association with IQAC ,department organized a lecture on "Resource Management" by Mrs.Rashmi Joshi ,joint secretary, EcoRox group, under STAR COLLEGE SCHEME on 30th Jan. 2017.
- Dr. Renuka Thergaonkar, Head, Department of Perfumery and Cosmetics, Vaze college delivered a lecture on "Herbal Cosmetics" under STAR COLLEGE SCHEME on 31st Jan. 2017.

Conferences / Seminars /Workshops attended.

- Mrs. Supriya Naik attended National Conference 'PICASSA – III', at V.G. Vaze College on 2nd Sept. 2016.
- Mrs.Supriya Naik attended International Conference on 'Recent Trends in Environment Technology and Economy' at SIES College of Arts, Sci. and Comm., Nerul on 10th and 11th Jan. 2017.
- Mrs.Supriya Naik attended National Seminar on 'Forest and Climate Change' at Bhavan's College, Andheri on 28th Feb. 2017.

- Dr Ajit Katdare attended UGC, HRD RUSA sponsored short term course on “Renewable energy and its applications” from 6th March to 11th March 2017 and a National workshop on “Radiochemistry and applications of radioisotopes” by DAE ,BRNS and IANCS from 16th to 23rd January 2017.
- Dr.Meena Patankar attended National Conference ‘PICASSA – III’, at V.G. Vaze College on 2nd Sept. 2016.
- Dr.MeenaPatankar attended National symposium on ‘Innovations in Biotechnology and Cosmetology’ at V.G. Vaze College on 14th Jan. 2017.
- Dr. Meena Patankar attended a symposium on ‘Intellectual Property Rights in Life Sciences.’ At K. J. Somaiya College of Sci. and Comm. On 21st Jan. 2017.
- Dr. Meena Patankar attended one day workshop on ‘API and Maharashtra Public Universities Act, 2016 at DTSS college of commerce, Malad (E) on 09th April 2017.
- Dr. Veena Salvi attended a national seminar on living with cancer on 11th and 12th feb 2017.
- Dr. Vinaya Rane attended national seminar on smart farming technologies –Need of the hour on 14th Feb 2017.

Department fest :

Department fest Pushpam was organized under Star college scheme on 7th Dec.2016 with events like Quiz, Powerpoint presentation, Poster painting using Organic Colour.

Field visits and excursions

- A one day excursion was organized on 6th August 2017 at BPT garden, Colaba and Jijamata Udyan, Byculla for T.Y.B.Sc students. Mrs. Supriya Naik, Dr. Meena Patankar and Dr. Vinaya Rane accompanied the students.
- An Interdepartmental activity “Know your campus” was conducted in association with the Zoology department for teaching and non-teaching staff members on 20th Aug .2016.

- One day excursion was organized for S.Y.B.Sc and T.Y.B.Sc students to Ayurveda Rsshala, Enchanted garden Pune and Horticulture training centre, Talegaon on 21st Nov. 2016. Mrs. Supriya Naik, Dr. Meena Patankar and Dr. Veena Salvi accompanied the students.
- T.Y.B.Sc students attended open day at S. Devedia science, NMIMS, Vileparle on 28th Nov. 2016. Dr.Vinaya Rane accompanied the students.
- Long excursion was organized between 22nd Dec and 27th Dec 2016 for T.Y.B.Sc students at Pachmarhi.Mrs.Supriya Naik and Dr. Meena Patankar accompanied the students.

Extension activities

Our students have actively participated and have also won prizes in intercollegiate competitions held by various colleges.

In order to increase the skill of students various projects were given to students as a part of their assignments. The students studied phytochemistry of medicinal plants and soil analysis of vanaspatyam , Ayurvihar,Sion.

There were about five projects done by T.Y.B.Sc and S.Y.B.Sc students such as mini Green house, extraction of essential oils, terrarium, culturing of algae etc. in the Vigyan Yagnya.

Department has also undertaken an Ecofriendly Initiative under STAR COLLEGE SCHEME ‘ORGANIC TERRACE FARMING’ (Project undertaken by T.Y.B.Sc. students (2016-17).The objective is to collect disposed off organic waste generated in the household premises and use this organic waste for agricultural production.

Bridge course was conducted on 11th April 2017 for F.Y.B.Sc and S.Y.B.Sc students to discuss applications and scope of some relevant topics and were also informed about certificate course in cosmetics commencing shortly. Mrs.Supriya Naik Head ,and Dr.MeenaPatankar guided the students.

The important feature of the department is its “Botanical Garden” with more than 100 plant species which comprises of ornamentals, xerophytes and medicinal plants.

Department of Business Communication

Dr. Hemangi Bhagwat was the convenor, WDC and convenor, Library Advisory Committee. She was a member, Core committee, Vigyan Yagnya, a science exhibition and member organizing committee, National conference on Academic and Administration Audit. She served as the convenor, Syllabus Committee for Business Communication at University of Mumbai and also chairperson, paper setting for the same. She visited a college in Orissa for NAAC assessment in December 2016.

Two of her students were awarded Ph.D. degree and she was invited as external referee at Saurashtra University. A Workshop on communication skills for Teachers by Dr. Girishankar was organized by the department on 26th April 2017. 50 teachers participated in this workshop. This workshop served to provide guidance for enhancing communication skills of the teachers.

Department of Business Economics

The Department of Economics conducted the following activities

1. Essay Competition

Date: 05.08.2016

Objective: To create awareness about current economic issues and to enhance analytical skills

Number of participants: 30

Judges: Dr. Archana Padgaonkar
Mrs. Poonam Khadke

The idea of Essay Competition was suggested by members of Economics Club. The topics were

- State of Indian Agriculture- A comparison of last five decades
- Fluctuations in Money Market since 2010
- Britain Exit from European Union

The response for the competition was spectacular. 30 participants from F.Y.B.Com, S.Y.B.Com and T.Y.B.Com participated in the competition. The names of the prize winners are as follows.

1. 1st prize: Sis. Apurva Tiwari (T.Y.B.Com)
2. 2nd prize: Sis. Rizwana Shah (T.Y.B.Com)
3. 3rd prize: Sis. Dolly Rani (S.Y.B.Com)

Consolation prizes

1. Sis. Soni Ranawat (T.Y.B.Com)

2. Sis. Renuka Vaishy (T.Y.B.Com)

3. Sis. Divya Ashar (T.Y.B.Com)

2. Quiz Competition

Date: 27.09.2016

Objective: To strengthen the knowledge of various concepts of economics and to make students know about current affairs

Number of participants: 16 (8 teams)

Judges: Mrs. Chitra Trehan
Dr. Archana Padgaonkar
Ms. Medhavini Khare

The Quiz Competition was held in two rounds.

Round I was an elimination round. It was an individual written test based on various branches of economics. Out of 16 participants (8 teams) 8 participants (4 teams) were selected for round II i.e. the final round.

The final round was an oral test conducted as a team task. Questions were based on various concepts in economics as well as general knowledge related to economics. The prize winning teams are as follows.

1. 1st prize: Sis. Renuka Vaishy and Bro. Pratik Shukla (T.Y.B.Com)
2. 2nd prize: Sis. Shruti Nikam and sis. Bhagyashree Modak (F.Y.B.Com)
3. 3rd prize: Bro. Shivam and Bro. Hari Om (T.Y.B.Com)

3 Participation in the conference at R. A. Poddar College of Commerce and Economics

The students of T.Y.B.Com participated in 'Demonetization Symposium' conference organized by R. A. Poddar College of Commerce and Economics on 3rd December 2016 Key speakers were Dr. Brinda Jagirdhar, Mr. H.P. Ranina and Mr. Sunil Bhandari Black money is a big hurdle in the economic and social development of India. Demonetization is the drastic step taken by the Government to tackle the various problems arising due to the black money. Being commerce students it is essential for them to know the idea of demonetization and its various consequences on social as well as political economy. Hence it was truly an enriching experience for the students. Students were also encouraged to read and learn more about the issue.

4. Presentation Competition

Date: 11.02.2017

Objective: To create awareness about current economic issues and to enhance analytical skills

Number of participants: 13

Judges: Ms. Lolly Jain
Ms. Medhavini Khare

The topic was

- The Union budget 2017-18

The response for the competition was spectacular. Participants from F.Y.B.Com, S.Y.B.Com and T.Y.B.Com participated in the competition. The names of the prizewinners are as follows.

1. 1st prize: Bro. Rahul (S.Y.B.Com)
2. 2nd prize: Sis. Shubhashri(S.Y.B.Com)
3. 3rd prize: Bro. Pratik (T.Y.B.Com)

5. Poster Competition

Date: 11.02.2017

Objective: To boost the creativity of students in order to express their thoughts about the issue

Number of participants: 14

Judges: Mrs. Reema Khanna
Mrs. Aarti Kore

The topics were

- Demonetization in India
- Evil of corruption in India

The students gave their best to express their ideas about the above issues. The names of the prize winners are as follows.

1. 1st prize: Sis. Dipti Gawli (SY.B.Com)
2. 2nd prize: Sis. Vasudha (SY.B.Com)
3. 3rd prize: Sis. Kasturi (F.Y.B.Com)

Department of Chemistry

Mrs. Madhavi C. Kate took over as Head of the Department from June-2016 after the retirement of Mrs. Nutan Navelkar

Activities of Department:

Workshop for learning Stalagnometer, Ostwald's Viscometer and Pipetter.

This workshop was organized on 13th June 2016 for Chemistry Teaching and Non-teaching staff to improve their knowledge background theoretically on Stalagnometer, Ostwald's Viscometer and Pipetter. Hands on training were organized for the teaching staff to encourage the ideas for under-graduate

projects. It was a good learning experience and was well appreciated by all the participants.

Workshop on "Safety in chemical laboratory"

This workshop was organized on 1st July 2016 for S.Y.B.Sc (Chemistry) students to promote safety awareness and encourage safety working practices in laboratories. It was conducted by eminent speakers Mr. Madar Apte, Sr. faculty, Industrial safety engineering and Head, academics, Institute of industrial safety gave a brief idea about "Basic laboratory safety practices". The next session was conducted by Dr. Dinesh Navale, Assistant Professor, V.E.S.College, who provided a brief account for

“Transport of chemicals and safe disposal of chemicals”. Finally to give a “real world” approach to safety issues in laboratories, Mr. D.G. Phondekar, Associate Professor, K. J. Somaiya College, conducted a session on “Fire extinguishing”. 153 Students and 22 teachers attended the workshop.

This workshop gave an overview of the practical and regulatory measures to students for the prevention of accidents, incidents, or exposures that may cause health impairment, injury, fire, or interference with laboratory operations.

National Level Concept Test in Chemistry for UG Students (CONTECH-16)

ACT-CONTECH-16, a concept test in Chemistry at national level for under graduate (UG) students was conducted in our college on 24th September, 2016. 154 students of FY/SY and TY.B.Sc students have registered and out of which 122 students appeared for this exam. As per the records sent by the National Coordinator our college stood third in national level and first in west zone in terms of the number of students registered for the exam. 21 students who secured 30% marks and above are qualified to receive certificates. Dr. Nishamol Kanat was the College Coordinator for the conduction of this exam. A team of invigilators cum examiners was constituted which comprised of Dr. Veena Khilnani, Dr. Vanita Kulkarni, Dr. Aniket Pawanoji and Dr. Amol Pawar. This national level test for under graduate is a big boost for the students to improve in the subject and to assess their conceptual understanding in chemistry.

RASAYAN 2016: (Under DBT-STAR Scheme)

An intercollegiate Mega event was organized by staff and students of department of chemistry on 8th December, 2016. RASAYAN comprised of various competitions and an exhibition entitled Kayakalp where students of UG as well as PG participated in a big way. For judging the exhibits judges were invited : 1. Pramoda Pillai, HOD, Dept. of chemistry, Guru Nanak college and 2. Mrs Anjali Puranik, Associate professor, J. N. Paliwala college, Pali. Besides this there were chemistry related events such as Kut-Neeti, Sangharsh, Catenation, Chem-Relay, Chem-Housie. The entry for participation in all events was kept free. More than 400 students from different colleges of Mumbai

viz. Maharashtra college, Vivekanand college, The Institute of Science, Ratnam college, ICL college, Gogate college, Ratnagiri Patkar college, Mithibai college participated in the different events. Prize winners were awarded certificates, medals and cash prizes. The event was a thumping success.

Guest Lecture on Career Skills (Under DBT-STAR Scheme)

A Guest Lecture on Career Skills by Prof. Avila Naik was organized on Saturday 11th February 2017. Dr. Aniket Pawanoji introduced Prof. Avila Naik. Prof. Avila Naik introduced importance of Communication Skills in day to day Life. She explained about Self-development and Setting of Goals in life. She elaborated the importance on Attitude and outlook on Life. She gave examples of Virtual Collaboration, Social Intelligence, Cognitive Load Management, Novel and Adaptive Thinking, Cross Cultural Competency and Computational Thinking. Then she explained about interview preparation and skills required for the same. She also explained about Group discussion, Soft Skills, Team player, Assertiveness, Public Speaking, Ethics, Adaptability, Interpersonal Skills Smart Thinking, Creativity and Innovative approach. It was a mesmerizing experience for audience and students also actively participated in question answer session and other activities. There was in all 70 participants

94th DAE-BRNS IANCAS National Workshop on “Radiochemistry and Application of Radioisotopes”

The 94th DAE-BRNS IANCAS National Workshop on ‘Radiochemistry and Application of Radioisotope’ was organized by Department of Chemistry and Department of Physics in association with IANAS (Indian Association of Nuclear Scientists and Allied Scientists) from 16th to 23rd January, 2017. The coordinators of the workshop were Dr. Tapas Das, Head, Radiopharmaceutical Chemistry Section in Radiopharmaceuticals Division, BARC and Dr. Sugandha Shetye, Dean, Academics, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai. The conveners of the workshop were Mrs. Madhavi Kate, Head, Department of Chemistry and Dr. Ranjana Shukla, Department of Physics, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai. The organizing secretaries were Dr. Deepak More and Dr. Vanita

Kulkarni. The organizing committee comprised of Dr. Nishamol Kanat, Ms. Smita Survase, Mr. Jitendra Pendharkar, Dr. Pallavi Raote, Dr. Ritwika Chakraborti, Dr. Rucha Naik, Mr. Amit More, Dr. Rohit Singh, Dr. Aniket Pawanoji, Mr. Avinash Pardhi and Mr. Dilipkumar Jadav.

The 88 participants of the workshop include outstation participants, faculty, research scholars and M.Sc. students attended the workshop enthusiastically.

Report of the talk by Dr. Ranjan Mogre organised by Alumni Association and the Department of Chemistry

The Alumni Association of the KJSSC with the Department of Chemistry had organised an invited talk by Dr. Ranjan Mogre (alumnus of KJSSC), on Saturday, October 8th, 2016. Presently Dr. Mogre is the Director, at AVTOS Life Sciences Pvt. Ltd., Navi Mumbai. The talk entitled "Supercritical fluid extraction of Natural products" was delivered at the Seminar Hall, 1st Floor, K.J. Somaiya College of Science and Commerce (Main Building), from 11.00am. – 1.00pm.

He gave a general introduction on Natural herbs and spices and spoke about Conventional methods, methods of extraction and the reasons for better methods of extraction. He then went on to explain the motivating factors for the use of SCFE and elaborated on the SCFE.

He also discussed applications of SCFE in production of Flavors and Fragrances, Nutraceuticals/ Cosmeceuticals and Medicines. He also spoke about his contribution to Mai Meera Aromatics, an organization operated by Sindhutai Sapkal's daughter in which he helped them to set up SCFE plant in Ranjangaon.

The lecture was attended and well received by the students of M.Sc. chemistry, microbiology and biotechnology (87 students).

A Workshop on "Spectroscopy" (Under DBT-STAR Scheme) was organized from 26th to 31st Dec. 2016 at our college.

The Resource Persons were

Dr. Harichandra Parbat: Asst. Prof. Wilson College

Dr. Ajit Data: Shimadzu

Mr. Vivek Jawale: Asst. Prof. Modern College, Pune
87 students and 10 teachers attended the workshop.

This workshop was organised for all M. Sc. students to make them understand the basics of spectroscopic techniques such as Molecular, IR, Raman, UV, Mossbauer, ESR, 1H and 13C NMR. The workshop also included the problem solving sessions which was entrance exam (NET, GATE, SET, JAM, TIFR, BARC, ONGC, etc.) oriented and helped the student to skill themselves in these fields. This workshop is taken as the internal assessment in theory exam.

It was conducted by prominent resource persons from various reputed institutes such as Wilson College (Mumbai), Modern College (Pune) as well from industrialist, Shimadzu (Mumbai).

In the morning session, the speakers discussed the basics and instrumental part of spectroscopic techniques mentioned above. In the evening session, they have discussed the problems based on above said spectroscopic techniques. It was an enriching experience for the students to develop their interest and also they participated with great enthusiasm.

Overall this workshop provided an overview of the basic principles and new frontiers of spectroscopic techniques. The speakers have also covered various contents related to student's syllabus during this session. It was also be beneficial for young brain to motivate them towards the science.

A Seminar Talk by Dr. Rohitkumar Vora 7th December, 2016 was organized in our college. 102 Students and 19 teachers attended the same.

Dr Vora is an eminent scientist in polymer Chemistry and nanomaterials . He is a visiting Assistant Professor teaching polymeric engineering materials at the Department of Material Science, National University of Singapore (NUS) He is U.S. citizen of Indian origin.

The talk was informative and interesting. The following aspects polymer chemistry were covered by him in detail:

- Importance of polymeric materials in our daily life.
- Knowing how polymers are made using different polymerization methods.

- Knowing the importance of relationship between chemical structure and polymeric material
- Knowing the applications of some commercial polymers in modern world
- And most importantly knowing the responsibility of minimizing health and safety concerns by recycling plastic materials.

All the students were greatly elated by his talk

Workshop for teachers under ‘A star’ scheme

A workshop on semi-micro qualitative analysis was organized on 21st November 2016.

The Resource person was the Head and Faculty of Department of Chemistry.

25 Teachers attended the same.

The workshop was organized for chemistry teaching staff to sound their knowledge background theoretically on semi-micro qualitative analysis. Hands on training were organized for the teaching staff to encourage the staff for undergraduate projects. It was a good learning experience and was well appreciated by all the participants.

Projects under STAR-DBT Scheme

The projects were given to all undergraduate students in order to clear their theoretical concepts. Some of the projects were interdisciplinary having wide range of applications in different fields. The students enjoyed and were deeply involved in the project.

A Workshop on “**Mass spectrometry**” was organized on 1st October 2016 at our college.

Dr. R. K. Vatsa, (Head Structural Chemistry Section, BARC), Mr. V. Natraju (SO TPD Division, BARC) and Dr. Bhatia (SO F, TPD Division, BARC) were the resource persons.

166 students and 31 teachers attended the same.

This workshop was organized for all T. Y. B. Sc. and post graduate students to make them understand the basics of Mass spectrometry with live demonstration of QPD — MS. It was conducted by elite scientist of BARC, Dr. R. K. Vatsa, Head Structural Chemistry Section and Mr. V. Natraju (SO H+, TPD Division). In the session the speakers discussed the basics and instrumental part of Mass spectrometer. In the second session, they demonstrated their indigenous developed mass spectrometer functioning and shown spectrogram of various chemicals. This was an interdepartmental activity in which, not only the chemistry but also physics, microbiology, biotech students participated with great enthusiasm.

Overall this workshop provided an overview of the basic principles and new frontiers of mass spectrometry. The speakers have also covered various contents related to student’s syllabus during this session. It may also be beneficial for young brain to motivate them towards the science.

A Lecture series “**Learn from Stalwarts**” was organized during 14th-16th February 2017 in our college. 100 students and 15 teachers attended the same.

There were ten sessions for three days. Each session was of one and half hour. The resource persons of each session were from premier institutes of India like IIT, BARC. This lecture series was organized for undergraduate, post graduate students and teaching staffs to sound their knowledge background theoretically on various contemporary topics of chemistry. During the session various elite researchers and academicians from premier institutes of India have delivered the lectures and motivate the students towards research. The lecture series also included the career counselling for undergraduate students to realize the importance the natural science. Overall it was good learning experience from prominent researchers and also was well appreciated by all the participants.

Student Activities: 2016-17

Co-ordinator:- Mr. Jaidip Wable

Sr. No.	Date	Activity	Organized by	Number of students participating	Prizes won if any
1	21st -31st July 2016	Vocational training in advanced training institute (Analysis by gas chromatography)	Government of India Ministry of skill development & entrepreneurship	Miss. Mahadik Namita Nitin	----
2	21st July 2016	Presented a paper in Research Scholar meet	K.J.Somaiya College of Sci. & Comm.	Miss. Bhavini Shah	2nd Prize
3	28/08/2016	Aptitude test in Chemistry -2016	Indian Chemical Society c/o Chemistry Group. BARC,Trombey	1. Suryakant Nagar	17th rank among 321
				2. Pooja Iswar Nanavare	30th rank among 321
				3. Shweta Upadhyay Ghanshyam	39th rank among 321
4	02/09/2016	Intercollegiate model exhibition	Science association in Maharashtra College	1. Miss. Shifa Ansari	2nd Prize
				2. Miss. Snehal Bhondre	
5	02/09/2016	Intercollegiate model exhibition	Science association in Maharashtra College	1. Miss. Nainam Joshi 2. Miss. Shruti Joshi	3rd Prize
6	02/09/2016	PICASSA-III Poster Competition		1. Mehta Varshita Ramesh 2. Khan Misba M. 3. Mandliya Mahima Pramod 4. Bhawsar Shivani Mukesh	Participated
7	19/09/2016	Intercollegiate Chem-Skit Competition	SIES College of Arts Sci.&Comm.Sion (W)	1. Shubham Biswal 2. Aarti Vaishya 3. Fatema Tinwala 4. Sadaf Fatima Siddique 5. Deepak Gawade 6. Faatema Nalwala 7. Zohra Sonkachwala 8. Archana Unnikrishnan 9. Sakina Ujjainwala 10. Khalife Shifa	2nd Prize

8	24/09/2016	National Level "Concept Test in Chemistry for UG Students" (CONTECH	Association of chemistry Teachers (ACT)	132	21 students qualified
9	19/09/2016	Intercollegiate Chem-Speak Competition	SIES College of Arts Sci.&Comm.Sion (W)	Khalife Shifa	Participated
10	7th-10th Dec.2016	VigyanYagnya	K.J.Somaiya College of Sci. & Comm.		Participated
11	08/12/2016	Kaya Kalp exhibition in Rasayan 2016	Department of Chemistry K.J.Somaiya College of Sci. & Comm.		Participated
12	19/12/2016	Avishkaar Research Convention 2016-17 District Level	DSW Department Mumbai University At SIES college of Comm. & Eco.	1. Shifa Ansari 2. Himanshu Ranga 3. Anand Jaiswar (Sewage Water Treatment Plant)	Participated
13	19/12/2016	Avishkaar Research Convention 2016-17 District Level	DSW Department Mumbai University At SIES college of Comm. & Eco.	1. Jain Kinjal B. 2. Sadiya Samreen Zubair Ahmed 3. Shabeenakh Mahmood Aalam (Paraben free Caffeine derived cosmetic product)	Participated
14	19/12/2016	Avishkaar Research Convention 2016-17 District Level	DSW Department Mumbai University At SIES college of Comm. & Eco.	1. Nainam Joshi 2. Shruti Joshi 3. Kajal Kumari (Manufacture of paper by using eichhornia plant)	Selected for next round (University level)
15	23/12/2016	Rangoli making competition in "Chem-fest-React"	Department of Chemistry Ramnarain Ruia College	Mr. Nitesh Kumar Halwai	Participated
16	24/12/2016	Avishkar Research Convention 2016-17 University Avishkar Research Convention 2016-17	DSW Department Mumbai University V.G. Vaze College of Arts, Sci.& comm. Mulund	1. Nainam Joshi 2. Shruti Joshi 3. Kajal Kumari (Manufacture of paper by using eichhornia plant)	Selected for next round (State level) Nanded Maharashtra
17	26th-31st Dec. 2016	Workshop on Spectroscopy	Department of Chemistry K. J. Somaiya College of Sci. & Comm.	87	Participated
18	Academic Year 2016-17	Treasure Hunt competition in SCI-TECH FAIR/PANORAMA (Intercollegiate event)	M.R.M. Degree College oh Comm. D. M. Degree College of Science	Miss. Aarti Vaishya	3rd Prize

19	Academic Year 2016-17	Corporate fashion show SCI-TECH FAIR/ PANORAMA (Intercollegiate event)	M.R.M. Degree College oh Comm. D. M. Degree college of Science	Miss. Aarti Vaishya	1st Prize
20	?	Trasure hunt event for Alchemia-2017	St. Xaviers College Mumbai	1. Rahul Panalekar 2. Dinesh Gupta 3. Allan Dunn	Participated
21	07/01/2017	“On the spot poster making” event in chemvision 2017	Department of Chemistry K.C. College Churchgate	1. Tejal Pawar 2. Pooja Nanavare 3. Akram Khan 4. Shraddha Yadav 5. Shraddha Deshmukh 6. Suryakant Nagar	2nd Prize
22	?	Chem Quiz event in Chemfest-React 2017	Department of Chemistry Ramnarain Ruia College, Matunga	1. Shraddha Deshmukh 2. Suryakant Nagar	
23	23-24/12/2016	Brain-Buzz competition during ChemFest –React	Department of Chemistry Ramnarain Rui College Matunga	1. Suryakant Nagar 2. Shraddha Deshmukh	Participated
24	12-13/01/2-17	Chemshodh event in Rasayanam 2017	Dept. of Chemistry Institute of Chemical Technology	1. Pooja Nanavare 2. Akram Khan 3. Tejal Pawar 4. Suryakant Nagar 5. Shraddha Yadav	
25	12-13/01/2017	Mega mind in Rasayanam 017	Dept. of Chemistry Institute of Chemical Technology	1. Tejal Pawar 2. Shraddha Yadav 3. Akram Khan 4. Suryakant Nagar	Participated
26	27-29 Jan 2017	11th Maharashtra State Level Inter University Research Convention	Swami Ramanand Teerth Maharathwada University, Nanded (MS)	1. Nainam Joshi	i) Achieved Category award in Pure Science ii) Selected in top 10 contestant
27	12-13/01/2017	Chem Draw (PG level) in Rasayanam 017	Dept. of Chemistry Institute of Chemical Technology	1. Tejal Pawar 2. Shraddha Yadav 3. Akram Khan 4. Suryakant Nagar	Participated
28	08/12/2016	Chem relay in Rasayan 2016	Department of Chemistry K.J.Somaiya College of Sci.& Comm. Vidyavihar	1. Shraddha Yadav 2. Akram Khan	1st Prize

28	08/12/2016	Sangharsh in Rasayan 2016	Department of Chemistry K.J.Somaiya College of Sci.& Comm. Vidyavihar	1. Shraddha Yadav 2. Akram Khan	2nd Prize
30	10/12/2016	Open Day programme	IQAC K. J. Somaiya College of Sci.& Comm. Vidyavihar		
31	16/02/2016	Chem-SAPLO event at intercollegiate competition	M. D. College Parel	1. Shraddha Yadav 2. Akram Khan	2nd Prize
32	16-18Feb 2016	8th Indian Science Congress	University of Mumbai, Mumbai	1. Nainam Joshi 2. Shruti Joshi 3. Kajal Kumari	Observer

Industrial Visits:

1. Visit to Forensic science laboratory: Dr. Bhanu Raman organized a visit to Forensic science laboratory on their open day for the students of M.Sc.part II (Analytical Chemistry) on January 31, 2017. In all 12 students of M.sc. part II participated. Mrs Madhavi Kate, Head ,Dept.of chemistry and Dr.Veena Khilnani also accompanied.

2. Industrial Visit to Pali:

Dr. Bhanu Raman organized a visit for the students of M.Sc.part II (Analytical chemistry) to a terrace laboratory of her Ph.D. student ,Mrs Anjali Puranik working on , 'Green ways to reduce noxious gases' . Mrs Anjali fabricated a furnace for burning different types of fuels,scrubber,cyclone separator and filters to get rid of noxious gases getting emitted. She also fabricated a gadget for accurate measurement of noxious gases in the different compartments. She demonstrated the working of all the units. Dr. Yogesh Ghalsai and Mr. Saurabh Shete also accompanied .

3. Visit to IRMRA -

On 20th February, 2017, a visit was organized to IRMRA (Indian Rubber Manufacturer's Research Association) by Dr. Chandana Basu & Dr. Nishamol Kanat for the students of M.Sc.Part II (Physical Chemistry)Dr. Bharat, who is working there as a researcher, gave a short introduction and presentation about polymer industry and rubber industry which was very informative.

He explained us about various standard institutions which certify IRMRA and its activities. He explained to us the various types of rubbers and fillers. He also gave us an idea about the various courses IRMRA organizes and also gave us some hints to crack various competitive exams.

A practical knowledge about the techniques used to test polymer and rubber samples, which included demonstration of Open mill mixing, DSC, SEM, Elasticity Measurement, etc. was given. Later, the manufacturing of tyres and their analysis was also demonstrated along with a few techniques through which quality of the tyre can be tested. He also showed us information that is written on the tyre itself indicating its width, size, its maximum weight capacity, its maximum speed, etc. he explained us the difference between automobile tyres and airplane tyres too.

4. Visit to BARC:

On 8th March, 2017, a visit was organized to Bhabha Atomic Research Centre (BARC) by Dr. Veena Salvi. M.Sc. Part II, Analytical Chemistry students also participated along with Dr. Yogesh Ghalsasi. The intention of the visit was to acquaint the students with facilities available for the students for research and future career prospectus. The students visited " Dhruva" Research Reactor and Supercomputing facility at the BARC. They also visited Food Biotechnology centre where food processing techniques were explained to them.

Research Activities of the Department

Research Publications: (2016-17)

S. No.	Names of authors	Journal Name	Volume/Year/ Page No.	Title of Publication	Impact factor
1	Dr. R. S. Chauhan	Journal of Organometallic Chemistry	830 (2017) 181-186	Synthesis and characterization of heterobimetallic complexes with pyridyl selenolato ligands. Crystal structure of $[\{Pt(C_5H_4N)(SeC_5H_4N)(dppp)\}ZnCl_2]$	
2	Bhanu Raman & Anjali Puranik	Proceedings of Inter disciplinary State level conference on science for sustainable development	ISBN978-81-920431-3-5, Monday, 19th December, 2016	Pollution inside an air conditioned vehicle	---
3	Bhanu Raman & Juned Munir Shaikh	International journal of Advanced research	Vol.4, issue12, Dec.2016, 2095-2100	Synthesis and Characterization of novel amino acids	6.118
4.	Nishamol Kanat & Chandana Basu	Int. J. Chem.	Vol 5 (2) (2016): pp 145-151 ISSN 2249-2119	Friedel-Crafts acylation of activated & deactivated benzenes over Zinc Manganese Ferrosin systems, $Zn_xMn_{(1-x)}Fe_2SO_4$	
5	Nishamol Kanat & Chandana Basu	Rubber Chem review	May-June 2016 Vol XXXXV No.5	Study vof effect of Carbon black and Ethylene Thiourea on dynamic mechanical properties of poly chloroprene rubber vulcanizate	
6	Nishamol Kanat & Chandana Basu	Rubber Chem review	May-June 2016 Vol XXXXV No.5	Dynamic mechanical properties of NBR Vulcanizate as a function of carbon black and vulcanization system	
7	Dr.Pradnya J. Prabhu	Int. J. Chem.	Vol. 5 (3&4): pp 212-222 ISSN 2249-2119	TLC-MS Identification & HPTLC fingerprinting of Curcumin, Sesamin, Glycyrrhetic acid Beta sitosterol in wound healing polyherbal oil formulations followed by preliminary phytochemical screening and physiochemical analysis	
8	Dr.Pradnya J. Prabhu	Int. J. Chem.	Vol. 5 (3&4): pp 212-222 ISSN 2249-2119	Validation of RP-HPLC method for simultaneous determination of Curcumin, Sesamin, Glycyrrhetic acid in a wound healing polyherbal oil formulation	

9	Dr. Yogesh Ghalsasi	International Interdisciplinary Research Journal	Vol.VI, Issue-VI, Nov-Dec.2016	Synthesis & Electrical & acoustic characterization of Cuo Nano fluids	
10	Dr. Sugandha Shetye	Int. Journal of Pharmaceutical Sci. & research	Vol. 2, Issue 1, Jan 2017 pp:1-8 ISSN 2455-4685	Synergistic action & HPTLC fingerprinting of novel polyherbal formulations containing N.cadamba	RJIF 5.28

Presentations in seminar / Workshop / Conference:(2016-17)

Name of Presenter	Title of Seminar/ conference/ workshop	Title of Paper	Oral / Poster	L/S/N/ Int.	Date	Venue
Mrs. Anita Madhu (Ph.D. Student of Dr. Bhanu Raman)	National conference on Green technologies in day to day life	Accelerated solvent extraction of copper using Cyanex 301 and its spectrophotometric determination	Oral	National	18th February 2017	Guru Nanak College of Arts, Science and Commerce
Mrs. Anita Madhu (Ph. D. Student of Dr. Bhanu Raman)	National conference on innovative research in Chemical sciences	Accelerated solvent extraction of hexavalent chromium using Cyanex 301 and its spectrophotometric determination	Oral	National	1-2 February 2017	Dept.of Chemistry, Shivaji University, Kolhapur
Mrs. Anita Madhu (Ph.D. Student of Dr. Bhanu Raman)	Emerging Trends in Science	Accelerated solvent extraction of bismuth using Cyanex 301 and its spectrophotometric determination	Oral	National	4th March, 2017	N.G. Acharya & Marathe College of Arts, Science and Commerce
Mrs. Anjali Puranik	Interdisciplinary State level conference on Science for sustainable development	Pollution inside an air conditioned vehicle	Oral	State	18th February, 2017	K.E.S. Anandibai Pradhan Science College, Nagothane
Mr. Jaidip B. Wable	National Symposium on green approach in synthetic chemistry	Comparison between hemilabile & labile ligands	Oral	National	27th Feb 2017	K.B.P. College Vashi
Dr. Yogesh Ghalsasi	National conference on modern research trends in chemistry	Extractive separation and estimation of Zinc & Cadmium with tributyl phosphine oxide as an extractant.	Oral	National	25th Feb 2017	J.S.M. College Alibagh

Dr. Pradnya Prabhu	National Symposium on green approach in synthetic chemistry	Comparison between hemilabile & labile ligands	Oral	National	27th Feb 2017	K.B.P. College Vashi
Dr. Pradnya Prabhu	24th in the Senior Scholars Seminar Series	Quality enhancement through privatization and autonomy in education.	Oral	Local	Feb 17-18 2017	K. J. Somaiya College of Science & Comm.
Dr. Pradnya Prabhu	National conference on academic & administration audit	Academic & administration audit	Poster	National	13-14 Jan. 2017	K. J. Somaiya College of Science & Comm.
Dr. Chitra Kamath	National conference on academic & administration audit	MOOC a learning & assesment tool	Poster	National	13-14 Jan. 2017	K. J. Somaiya College of Science & Comm.
Dr. Vanita Kulkarni and Dr. Nishamol Kanat	International Conference on Cosmatology PICASA III		Poster	International		KET's Vaze Kelkar College, Mulund

Achievements of Staff :

Resource Person :

2. Dr.Bhanu Raman was invited as **Resource person** by Sheth J.N.Paliwala Commerce ,Science and Arts college,Pali-Sudhagad,Raigad for Inspire Internship Camp on 7th January 2017.

Chairperson :

1. Dr.Bhanu Raman was invited as a **Chairperson** for the Interdisciplinary National Level conference entitled, 'Emerging Trends in Science' organized by N.G. Acharya and D.K.Marathe college of Arts,Science and Commerce on 4th March 2017
2. Dr.Sugandha Shetye was invited as a **member of advisory commottee** for the Interdisciplinary National Level conference entitled, 'Emerging Trends in Science' organized by N.G. Acharya and D.K.Marathe college of Arts,Science and Commerce on 4th March 2017
3. Mrs. Madhavi Kate was convenor & Dr. Sugandha Shetye was co-ordinator for the 94th DAE-BRNS IANCAS National Workshop on

RadioChemistry & applications of Radio isotopes organized from 16th Jan to 23rd Jan 2017

4. Dr. Sugandha Shetye is coordinator for Capacity Development Programme in Environment management launched in Aug 2017 in collaboration with Mumbai Metropolitan Region- Environment Improvement Society.
5. Dr. Pradnya Prabhu was appointed as Subject expert in Chemistry on Ad hoc subject Board (S.626) on 17th Sep 2016 at Mithibai College of Arts, Sci, Comm, & Economics.
6. Dr. Pradnya Prabhu was appointed as Subject expert to interview the candidates for the post of Asst. Prof. in the subject of chemistry on 8th Feb 2017 at Mithibai College of Arts, Sci, Comm, & Economics
7. Dr. Vanita Kulkarni was appointed as a paper setter for MPSC Examinations.
8. Dr. Nishamol Kanat was the co-ordinator for CONTECH-2017 National level competitive Examination.

Research Achievements:-

1. Dr. Juned Munir Shaikh, a student of Dr. Bhanu Raman was awarded Ph. D. degree on 27th January, 2017. The title of his thesis was, 'Development of new methodology for synthesis of amino carboxylic acids and their characterization by Modern Analytical Techniques'.
2. Mrs. Valsamma Wilson a student of Dr. Sugandha Shetye has submitted synopsis for Ph.D. Degree.
3. Mrs. Bhavini Shah a student of Dr. Chitra Kamath has submitted synopsis for Ph.D. Degree.
4. Mr. Satish Ambre, Ph.D. student of Dr. Sugandha Shetye won first rank in paper presentation at the Interdisciplinary National Level conference entitled, 'Emerging Trends in Science' organized by N. G. Acharya and D. K. Marathe College of Arts, Science and Commerce on 4th March 2017.

Training Program:

1. National Test Laboratory: Dr. Yogesh Ghalsasi coordinated the training programme of M.Sc. students of our department. As per the MOU between our

college and National Test House, Mumbai, this year total eighty four students from M.Sc. Part II of all branches of chemistry successfully completed the training session at NTH for four days throughout academic year of 2016-17. The students were sent in each month in a batch of fifteen students each.

The training sessions were conducted under the supervision of Dr. S. K. Kulshrestha, Scientist SD, and scientist in charge.

Students were trained in ore analysis, soil testing, cement testing, soil analysis using AAS, AFS and other instrumental methods.

After completion of the training programme they were briefed by Dr. Kulshrestha and Director of the NTH. They were given certificates for completing the training programme.

2. Demonstration experiments on HPLC and GC :

Dr. Bhanu Raman, in charge, T.Y.B.Sc. organized the visit of all the students of T.Y.B.Sc. in a batch of twenty to Central Instrumentation Laboratory of K.J.S.Sc. for understanding the working and principles of HPLC and GC which they have in their syllabus of analytical chemistry in the month of February 2017.

Department of Commerce

Department of Commerce conducted fest - "Avsar -Kuch Kar Dikhane ka." on 10th December, 2016. Different events and competitions were conducted during the fest. Large numbers of students from aided and unaided sections were taken part in the following events:

1. Elocution
2. Debate
3. Ad Mad Show
4. Showcase your Brand
5. Poster making
6. Photography

7. Treasure hunt
8. Management Games
9. Essay Competition

Outstanding participation from more than 100 students was seen for this one day event.

Showcase your Brand, Treasure hunt and Management games got overwhelming response.

Open Day

Students also participated actively in Open Day programme organized by the college on the same day.....through skits, games and role play they explained the concepts of commerce to school students.

Department of Environmental Science

Seminars/workshops/conferences/popular lecture series etc organized by the department

Title of the event	Dates	Venue	Names of the Speakers called	No of Students & Teachers Attended
CDEM-Environmental Law	26th-30th September 2016	Seminar Hall, 1st Floor, K. J. Somaiya College of Science and Commerce	Dr. Prasad Modak Director, Ekonnct Knowledge Foundation Mr. Pravartak Pathak Advocate High Court, Mumbai, Director Enviro Vigil	23
CDEM-Urban Ecology	17th – 21st October 2016	Seminar Hall, 5th Floor, Engineering building, Somaiya Vidyavihar.	List Enclosed as Annexure I	34
CDEM – Water Management	28th November – 2nd December	Seminar Hall, 1st Floor, KJ Somaiya College of Science and Commerce	List Enclosed as Annexure I	
CDEM – Integrated Solid Waste Management	6th – 10th February 2016	Seminar Hall, 1st Floor, KJ Somaiya College of Science and Commerce	List Enclosed as Annexure I	15
CDEM – Green Built Environment	14th – 18th March	Seminar Hall, 1st Floor, KJ Somaiya College of Science and Commerce	List Enclosed as Annexure I	12
Seminar on 1. Use of Different Media for Environmental Education 2. Real Life Hero And Marine Conservationist	25th January 2017	Seminar Hall, 5th Floor, Engineering building, Somaiya Vidyavihar.	Mr. Bruno Fernandes Ms. Krutika Dalavi Capt. Siddharth Chakrawarti	35
Wildlife Week Awareness Film Screening	2nd -8th October 2016	6th Floor Corridor	-	20

Member of Organising Committee of Seminar/Workshop/Conference

Name of the Teacher	Dates	Title of Event	Venue	L/S/N/INT
Dr. Sanjay Joshi	17/10/16	International Seminar on Teaching of Pope Francis	Seminar Hall – Chanakya Building	INT
Dr. Sanjay Joshi	10-11/02/17	International Conference on Recent Trends in Environmental Technology and Economy	SIES College, Nerul	INT

Workshops/seminars/conferences attended:

Sr. No.	Title of The Workshop /Seminar	Local/State/National/ International	Date	Venue
1	Workshop - Hands on Training on Insecta	State (Dr. Sugandha Shetye)	15th to 17th August 2016	Phansad Wildlife Sanctuary
2	Workshop - Hands on Training on Insecta	State (Mr. Chinmay Khanolkar)	15th to 17th August 2016	Phansad Wildlife Sanctuary
3	Seminar - Wetland for Disaster Risk Reduction	National (Dr. Sanjay Joshi)	2nd February 2017 Bhiwandi	G. S. Momin College,

Research Collaboration

Sr. No.	Title of The Project	In Collaboration With	Duration
1	Waste water analysis of Kalyan and Dombivali, CETP	Ashwin Aghor and Gaurav Shirodkar Vanashakti, NGO based in Mumbai	1 year

Consultancy:

Name of the teacher	Title of the Project	Name of the Firm	Remuneration received	Duration
Dr. Sugandha Shetye	Water Monitoring at Dombivli	Vanashakti		From 2014 – Till Date

Papers presented -

Name of the teacher	Title of the Workshop/Seminar	L/S/N/INT	Date	Venue
Dr. Sanjay Joshi & Mr. Chinmay Khanolkar	Sustainability Summit 2016 – Energy, Peace and Global Governance Paper Title – Common Biomedical Waste treatment Facility for Sustainable waste Management	International	11/08/2016 To 13/08/2016	Xavier University Bhuaneshwar, Odisha
Dr. Sanjay Joshi	Environmental Management & Sustainability Paper Title – New Biomedical Waste Management Rules, 2016	International	04/01/2017 to 06/01/2017	SIES Institute of Environmental Mangement

Articles (Published in the news papers, journals etc) -

Name of the Teacher	Title of the Article	Name of the Journal /News Paper	Date / Month
Dr. Sanjay Joshi		Maharashtra Times	18th October 2016
Dr. Sugandha Shetye	कास पठार	Loksatta	27th August 2016
Dr. Sugandha Shetye	कीटक मोहिनी	Loksatta	26th October 2016
Dr. Sugandha Shetye	कीटकाहारी वनस्पती	Loksatta	27th October 2016
Dr. Sugandha Shetye	रंग माझा वेगळा	Loksatta	3rd November

Field visits

Sr. No.	Name of the Industry/Destination	No. of Students	Class	Dates	Accompanying Teachers
1.	Taloja Hazardous Waste Disposal Facility	18	M. Sc II	5/8/16	Dr. Sanjay Joshi Mr. Chinmay Khanolkar
2.	Biomedical treatment Plant at Kalwa operated by Envirovigil	18	M.Sc. II	5/8/16	Dr. Sanjay Joshi Mr. Chinmay Khanolkar
3.	Bhandup Water Treatment Plant	26	M.Sc. I, II	8/4/17	Dr. Sanjay Joshi Mr. Chinmay Khanolkar
4.	Rashtriya Chemical Fertilizer	32	M.Sc. I, II	20/4/17	Dr. Sugandha Shetye Mr. Chinmay Khanolkar

Resource person/visiting faculties/judges etc

Sr. No.	Title of the Workshop/ Seminar/Lecture Series/ Event	Local/State/ National/ International	Date	Venue	Role
1.	Dr. S. D. Joshi Live interview on DD Sahaydri, Mumbai Doordarshan	Local	13/08/2016	Doordarshan, Worli	Invited Expert
2.	Dr. S. D. Joshi Judge, At Poster Presentation Competition	Local		University	Invited Expert
3.	Dr. S. D. Joshi Resource Person AT CDEM – Solid Waste Management	State		Somaiya College of Science and Commerce	Invited Expert

University Positions:

Name of the Teacher	Position held	From- to (year)
Dr. Sugandha Shetye	Coordinator For Practical Examination – Environmental Science	June 2016 to May 2017
Dr Sanjay Joshi	Paper Setter, Examiner and Moderator for MSc Environmental Science	June 2012 to June 2017
Mr. Chinmay Khanolkar	Examiner for MSc Environmental Science	April 2016 to June 2017

Student's achievement

Name of the Student	Activity	Venue	Award
Mr. Shreya Khade	University Athletics	University Gymkhana Ground	Gold Medal
Ms. Shilpa Nair	Youth Festival Group Singing	University	3rd Prize
Ms. Shilpa Nair	Diploma in Environmental Management	K.J. Somaiya College of Science and Commerce	PGD - CDEM
Ms. Shrutika Pandit	Diploma in Environmental Management	K.J. Somaiya College of Science and Commerce	PGD - CDEM
Mr. Abhijit Paradkar	Diploma in Environmental Management	K.J. Somaiya College of Science and Commerce	PGD – CDEM
Ms. Kajal Patil	Diploma in Environmental Management	K.J. Somaiya College of Science and Commerce	PGD - CDEM

Department of Geology

Dr. Jyoti Sharma appointed as full time lecturer in Geology on 30th August 2015, was confirmed as Asst.prof.in 2017.

Dr. Jyoti Sharma and Ms Jasmine Lakdawalla conducted official field work for 35 FYBSc and 29 SYBSc students to Madh-Manori and Utan area.

Mr. Deepak Sahu conducted field work for 20 TYBSc and 07 MSc - I students to Kankavli and Malvan, Maharashtra.

Department of Geology, on 7th December, 2016 conducted 'TerraFirma', department program under the umbrella of college festival 'Vigyan Yagnya' held from 7th to 10th December 2016.

Bro. Pai Sumit Raghunath and Sis. Shinde Samidha Vivek were adjudged the best boy and the best girl student of the college for the academic year 2016-17.

Department of IT

Academic Year 2016-2017

BINARY 2K16

Fest Name: BINARY 2K16, Technical Festival

Event Organizer

Event organized under the guidance of Coordinator (IT & CS) Mr.Prakash Patil

Event Co-coordinator:

- 1) Mrs.Prajakta Kamble (IT)
- 2) Ms.Kirti Amberkar (CS)

Event Head:

1. Ms. Nikita Bomble (T.Y.B.Sc - CS)
2. Mr. Deepak Pathak (T.Y.B.Sc. - IT)

Event Description:

BINARY 2K16 is a Technical Festival Organized by Department Of Information Technology and Computer Science, K. J. Somaiya College of Science and Commerce Vidyavihar on 8th December 2016.

The details of events are as follows:

BINARY is the annual Technical festival of Department Of Information Technology & Computer Science and was held on 8th December 2016. The event was organized under College event called “Vigyan yagnya” in which various departments had participated for exhibition of science or awareness of science. This was the first year of BINARY 2K16, for the students which never had an iota of an experience as to how to put together an inter college festival. We managed to get more than participants from other colleges which was achievement for us.

Inauguration:

The inaugural ceremony of the “BINARY 2K16” commenced with the lighting of lamp by a group of dignitaries Dr. Vijay Joshi(Principal), Dr. Pradyna Prabhu (Vice Principal), Dr. Sugandha Shetye (Dean Academic), Mr. Prakash Patil (Coordinator IT-CS)

The program was followed by Ganesh Vandana and formal welcome to all the dignitaries present on the dais and participants from various parts of the colleagues & students, staff.

1. **Tech enigma :** In first round the participants were given few snippets to find the bugs and error. The participants who find maximum bugs were shortlisted. In 2nd round the shortlisted

participants were given one program to debug.

2. **Quiz :** As the name suggests, It was a quiz which was 75% technical and 25% General Knowledge. Technical included various technology and companies related to it. GK included math's, inventions, physics, games, cartoons, chemistry etc.
3. **Logo Making :** Participants were given a theme on the spot they had to design the Logo using colors. In next level participants had to use software like adobe to design a logo.
4. **LAN Gaming :** LAN gaming is a multiplayer event which basically covered CS. People from Somaiya as well as other college Campus participated in LAN Gaming.
5. **Mini Militia :** Mini militia gaming is a multiplayer android mobile gameevent. People from Somaiya as well as other college Campus participated in LAN Gaming.
6. **Poster Presentation :** Participants were given a theme of “Latest Technology in IT” to design the Logo for awareness of Science.
7. **One Minute game :** We also had some one minute game for entertainment purpose like balloon Blast, Three Leg Game etc.
8. **Swift Clip :** We provided on the spot topics to some participants on which they had to capture some photos or video to make a movie.

Prize Distribution:

Formal function was followed by Prize Distribution Ceremony. The participants got a thunderous applause from the audience for their wonderful talents which they showed in the event. The Dr. Sugandha Shetye distributed the prizes to some of the students. They awarded certificates, cash prizes and mementos the program ended with vote of thanks by IT and CS Department Coordinator.

Department of Mathematics

The following are the activities of the faculty in the year 2016-17.

- Mrs. Sudha Agrawal participated in workshop on “Statistical Analysis using R-Software” organized by Dept. of Statistics, K.J. Somaiya

College of Science and Commerce during 26th -27th August, 2016.

- Mrs. Reema Khanna was a Guest speaker for the topic lecture on “The beauty queen” which was held on 20th August 2016 in Guru Nanak College of Arts, Science & Commerce.

She attended Teacher's Enrichment Workshop on "Complex Analysis" TIFR, Mumbai during 7th - 12th November 2016. She also participated as a member ,Organizing Committee for the NAAC sponsored National Conference on "Academic and Administration Audit" held on 13th-14th January 2017 organized by IQAC.

She was a member of organizing committee of "Vigyan Yagnya-2016" held at K.J. Somaiya college of Science and Commerce, Vidyavihar. She participated in the DST sponsored National Level Symposium on "Mathematics and Women in Mathematics" organized by Department of Mathematics and Statistics, NESRatnam College of Arts, science and Commerce during 27th -28th January 2017. She attended M.S. Huzurbazar Memorial Lecture on 15th of February at Jai Hind College, Mumbai.

? Prof Prabhat Upadhyay: attended a six day workshop On matrix groups, Organised by Department of Mathematics, Mumbai University from 12-17th December, 2016.

Departmental Fest

➤ MATHLETICS-2016-17:

In the second year of this fest, we saw an overwhelming turnout of participants from more colleges. In the first year of Mathletics there were 125 participants. This year the students of TYBSC Mathematics, the main organizers felt would receive about 150 participants. On the day of the fest, the fest found 250 participants from 12 colleges.

The games included a fresh new thought out game called SAS (solve and sprint) where the students competitors had to run from one point to another facing 4 hurdles placed in their path. The hurdles were problems from different fields of Mathematics. Truly this game was a runaway hit. The fest introduced two more new games which received overwhelming response from the students community and they were the chop stick and musical chair with a difference. Quiz and treasure hunt were

the only two events retained from the last year fest. We had to keep 3 batches for the first round in quiz and truly it was a learning experience for the students. Though the turnout for ppt presentation was just 10 we found many commerce students participating in this events.

The whole idea of introducing the fest was to make the students use the mathematical knowledge gained in dealing with real life problems in a fun environment. This helps in demystifying the subject and does bring in lot of confidence.

Departmental Activity

Madhava Mathematics Competition (MMC.) is a nationwide activity for UG students of Mathematics, funded by National Board for Higher Mathematics. It primarily aims at screening for mathematically talented students of S.Y.B.SC. who are likely to pursue mathematics as their major subject. The competition itself consists of non routine problems in UG Mathematics. A nurture camp (residential) is arranged for selected students every year.

This year a mini nurture camp was organized by and held at our college for the benefit of local students in Mumbai region, on April 6th, 7th, and 8th, 2017. It was a non residential camp consisting of nine sessions (each of duration one and half hours) by eminent teachers such as Prof. Sudhir Ghorpade (I.I.T. Mumbai), Prof. Anish Ghosh (TIFR Mumbai), Retd Prof. Mangala Gurjar (Regional coordinator for MMC, Mumbai region). Other teachers include Prof. Anuradha Garge, Mandar khasnis and shri. Shriprasad Tambe. An interactive session on "Jordan Canonical Form" was conducted by budding Mathematician Bro Anand Chitrao who is a TYBSc student from Ruia college. The camp was attended by 29 students from various colleges in Mumbai and all of them have given very positive feedback about this camp. It is the first such camp organised for regional students through the funds for MMC. Shri Makarand Niphadkar from our college was the local coordinator as well as a resource person in the camp.

- Strive not to be a success, but rather to be of value. – Albert Einstein
- Two roads diverged in a wood, and I - I took the one less traveled by, And that has made all the difference. – Robert Frost

Department of Microbiology

The Academic year 2016-2017 initiated from June 2016 and following activities were conducted:

Parent Teacher meeting: Parent Teacher meeting for S.Y.B.Sc. students was organized on 9th July, 2016, where parent/guardians of 16 students attended and interacted with the teaching faculty of the department. Various aspects such as Attendance, Autonomous Syllabus, Examination Pattern, Industrial Visits and Career prospects were discussed.

Brainstorming Session: It was conducted on 24th November, 2016 for framing Autonomous syllabus for M.Sc. II where topics, syllabus and modifications if any, of individual papers were presented before external subject experts and their views, suggestions were noted for implementation

Guest Lecture: On 3rd October Dr. Unnati Padalia organized a guest lecture by Dr. Jyoti Patel on Quality Assurance, Quality Testing and Pyrogen Testing for M.Sc.-I students.

Enriching Expressions Lecture Series: The first session was conducted on 24th September, 2016 on Tumor Immunology –From Bench to Bedside and the alumnus was Dr. Shubhda Chiplunkar, Director-ACTREC. The second session was conducted on 1st October, 2016 on Careers in Management Consulting and the alumnus was Dr. Ruth D'Souza, Managing Director- INTEGRATE PEOPLE. The third session was conducted on 8th February, 2016 on Biological Indicators and Sterility Assurance and the alumnus was Mr. Shibu Chakraborty, General Manager – Technical Sterilization Products and Services, Salesworth Synergies. The Sessions were co-ordinated by Dr. Lolly Jain.

MICROSCOPE-2016: Like every year , department organized its Annual Inter-Collegiate fest MICROSCOPE- 2016 organized under DBT- Star College Scheme as one day event during Vigyan-Yagna 2016. In all 160 participants participated in the event. The event witnessed students from Ruia College, SICES College, Vaze College, CHM College, K.J Somaiya College of Science and Commerce, Sophia College Mithibai College, Patkar College ,K.B.P College, CKT College, Jai-Hind College, K.C College, Vivekanand College and University of Mumbai. It was a one day event which consisted of

Power-Point Presentations, Poster Presentations, Bio-Collage, Neuron Chakravyuh, ,Spell-Bee, Arabian Nights and Skit on a Biological theme events.

The day began with registrations and after that was the Inauguration of the fest. Vice-Principal- Dr. Pradnya Prabhu, along with Dean- Academic Affairs Dr.Sugandha Shetye and Head, Department of Microbiology K.J.Somaiya College of Science and Commerce,Mumbai - Prof. Mrs. Shailaja Girishankar, were the dignitaries present at the Inauguration. The inauguration function started with the campus prayer and after that the Judges for the event were introduced and felicitated by beautiful art sketches made by Ms. Shifa Thakur S.Y.B.Sc. student. After the inauguration, the first event i.e. Powerpoint presentation for Undergraduate and Post graduate students started. Dr. Vaijayanti Ranade (Adjunct Professor, Dept. of Microbiology, Khalsa College ,Mumbai), Prof. Mrs. Santhini Nair(Associate Professor, Dept. of Microbiology, VES College, Mumbai) and Dr. Kamalrookh Marolia (Co-ordinator Dept. of Biotechnology, K.J.Somaiya College of Science and Commerce,Mumbai) were the Judges for Powerpoint Presentation. Simultaneously, Elimination round for Spell-Bee and Neuron Chakravyuh for Undergraduate students were conducted and Posters from Undergraduate and Postgraduate students were displayed for Poster Presentation. Post lunch final rounds for Spell Bee and Neuron Chakravyuh were conducted followed by Skit on a Biological theme by Undergraduate and Postgraduate students and Bio-Collage for Undergraduate students. Ms.Hemangi Kotibhaskar (Assistant Professor-Dept. of Biotechnology, K.J.Somaiya College of Science and Commerce, Mumbai), and Dr. Amol Patwardhan (Assistant Professor-Dept. of Zoology, K.J.Somaiya College of Science and Commerce, Mumbai) were the Judges for Bio-Collage and Poster Presentation. Prof. Mrs.Santhini Nair and Dr.Ajit Katdare (Associate Professor-Dept. of Botany, K.J.Somaiya College of Science and Commerce, Mumbai) were the Judges for Skit on a Biological Theme. The participants showed great enthusiasm and it was a good show. Even after having a busy and fun filled day, the energy of the participants had not died down and it was reflected during the most important and awaited event

i.e. the Arabian Nights. It was the star event of the day and everyone had fun during this event. Finally, there was the valedictory function where the efforts of the prize winners, participants as well as the volunteers were appreciated.

F.Y.B.Sc., S.Y.B.Sc. and T.Y.B.Sc. students worked as volunteers for the events. Ms. Niddhi Sachdev and Mr. Anurag Dubey from S.Y.B.Sc. were the co-ordinators for MICROSCOPE-2016. Teaching and non teaching staff of the Department of Microbiology extended their support for the event. Mr. Shabib Khan worked as Co-Convenor for the event.

Extempore Competition: Dr. Seema Sambrani, conducted Smt. P. N. Borgaonkar Memorial Extempore Competition in memory of her grand mother for the postgraduate and T.Y.B.Sc. students. This was for the first time extempore competition was conducted in the department. This competition provided the students an opportunity to learn and express themselves efficiently on a platform. The topics ranged from philosophy to current affairs. There were 25 participants. The competition was conducted in the seminar hall on 7th January 2017. The response from the participants was overwhelming. The winners were as follows;

First Prize: Jinal Mota (Are we ready for a cashless society)

Second Prize: Pranita Naik (Ten steps to clean India)

Third Prize: Shama Jaukar (Demonetisation)

Consolation 1: Kashmira Sawant (Should mobiles be banned in colleges)

Consolation 2: Ankita Hatale (Privatisation of Universities)

The competition was judged by Dr. Shanti Upadhye – Faculty- Zoology Department and Ms. Hemangi K Faculty- Biotechnology Department.

16th State Level Microbiolympiad: Department organised the Preliminary test for the 16th State Level Microbiological Olympiad (Quiz Competition). Totally 132 Undergraduate and 17 post graduate students from the Department of Microbiology participated in the event. 61 F.Y.B.Sc, 31 S.Y.B.Sc and 34 T.Y.B.Sc students participated in the written preliminary Quiz

competition (Total 126). Four F.Y.B.Sc students and one T.Y.B.Sc student participated in the Microbioslate (Essay writing Competition). One F.Y.B.Sc student participated in the Microbiocanvas (Poster making competition) too. 17 students of M.Sc. Part II participated in the Microbiopodium event (Powerpoint presentation competition).

The screening test was conducted on 9th of January, 2017 in the College. The test comprised of 50 objective type test questions. There was a different paper for different levels. Of all the participants 44 F.Y.B.Sc, 17 S.Y.B.Sc and 29 T.Y.B.Sc students qualified. All the qualified participants were awarded a certificate of participation.

K.J. Somaiya College of Science and Commerce, Mumbai was at the 6th position in the S.Y.B.Sc category with the average of the top 3 students being 60.66%. The College ranked 17th in the T.Y.B.Sc category with the average of top 3 students being 56.66 %. In the F.Y.B.Sc category the college stood 24th with the average of the top 3 students being 52.66%.

Ms. Diksha Mhatre of F.Y.B.Sc (Microbiology) scored 54% marks, Ms. Vaidehi Bhagwat of S.Y. B.Sc (Microbiology) scored 66% and Ms. Mayuri Wable of T.Y.B.Sc (Microbiology) scored 58 % marks. All these 3 students stood first amongst the participants of the College.

The S.Y.B.Sc. participants, Ms. Vaidehi Bhagwat, Ms. Pushpanjali Patil and Ms. Chetana Daki were selected for the final Quiz round which was held on 27th January, 2017 at R. C. Patel Arts, Commerce and Science College, Shirpur. Ms. Pooja Awate, Ms. Dhanashri Nair and Ms. Sayali Deo from M.Sc. Part II were also selected for the finals of Microbiopodium. The registration fees for the undergraduate students and the travel expenses for the 3 undergraduate students to attend the finals at Shirpur were sponsored by the STAR SCHEME-DBT.

This event was coordinated by Mrs. Shailaja Girishankar, Head, Department of Microbiology and Dr. Lolly Jain.

One Day Symposium on IPR: Intellectual Property plays a key role in gaining advantage in terms of technology for achieving higher economic growth in

a market driven economy. Intellectual property (IP) is a right which refers to an exclusive ownership on varieties of intangible assets, such as designs, discoveries, inventions, etc. recognized under the Intellectual Property Rights (IPR) law. Under the TRIPS agreement, some of the most common types of intellectual property rights are copyright, trademarks, patents and industrial design, etc. To promote the awareness on Intellectual Property Rights (IPR) in the field of Life Sciences and to encourage innovation and creative activities across various disciplines, the department organized a one day Symposium on “Intellectual Property Rights in Life Sciences” for the Post Graduate students and faculty members of Life science departments on 21st January, 2017. This Symposium focused on Intellectual Property Rights and its protection through patents, the types of innovations patentable, procedures of patent writing & patent filing, the process of granting patent and Patinformatics.

The day long Symposium included a series of lectures by eminent experts in this field.

Dr. Seema Sambrani Faculty, Department of Microbiology, K. J. Somaiya College of Science and Commerce, Mumbai, began the Symposium with the topic Introduction to IPR. This lecture was followed by another interesting lecture by Speaker Dr. Ravindra Shetty, Advocate and Patent Attorney, Mumbai. He spoke on the topic Biotechnology Patents: The Challenges. Dr. Pravin R. Puranik, Associate Professor, Dept. of Biotechnology, School of Life Sciences, North Maharashtra University, Jalgaon gave an excellent insight on Patenting in Life and Health Sciences.

Ms. Rashmi Arya, Scientist, CSIR Unit for Research and Development of Information Products, NCL, Pune gave a very informative lecture on the latest development in the field of IPR namely, Patinformatics. After a short tea break a very robust interactive panel discussion was held with all the speakers as the panelist and Dr. Dinesh Patil, Deputy Controller of Patents and Design, Mumbai Patent office, Government of India as the chief speaker in the Panel discussion. It was wonderful to get to know the knitty gritty of patenting from him. Most of the doubts the participants had were cleared.

The Symposium had an overwhelming response from various Colleges. About 12 Colleges from

Mumbai, one from Delhi and about 6 departments from our own Institute send their representative students and faculty to participate. There were 102 students and 12 faculty members for the symposium. Dr. Vijay Joshi, Principal, K. J. Somaiya College of Science and Commerce graced the Inaugural and valedictory programmes. Dr. Seema Sambrani was the Convenor and Dr. Lolly Jain was the Co-Convenor for the Symposium.

Seminar on MBA as a career option for Microbiology Students at UG and PG level: A Seminar was organized by the department in association with Maharashtra University of Health Sciences and ARIMET Biz School on MBA in Healthcare as a Career option. This seminar was organized on 8th of February, 2017. The seminar was organized for the UG and PG students of the department. The seminar aimed at giving the students an insight about the upcoming Career opportunities that are available in the field of MBA. Professor Rohan Gawande was the speaker for the day. The session was more like an interactive one rather than a seminar. MBA in healthcare is a newly emerging field and their institute provides this course in collaboration with Maharashtra University of Health Sciences. The course prepares the students for working in various sectors like the Hospitals, Medical tourism, Pharma companies etc. The session was very helpful to students since they were not aware of these emerging opportunities. The Session was organized by Dr. Seema Sambrani.

Achievements by students:

Ms. Roma Harkude from T.Y.B.Sc. participated as a player in Basket ball and secured **First prize in 20th Maharashtra State University Krida Mahotsav-2016** held at Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani during 27th -1st December, 2016.

M.Sc.-I students had participated in an Inter-Collegiate event organized by Biotechnology department of Elphinstone College on 20th January, 2017 called PRIMERS 2017. Following students secured the prizes:

Ms. Arushi Pandya and Mr. Amod Apte secured **First Prize in Debate competition.**

Ms. Jill Gada and Ms. Arushi Pandya secured **Second Prize in Quiz Competition.**

Ms. Devangi Mehta and Mr. Pratik Ghag secured **First Prize in Biohustle (Crime Case Investigation)**

Visits: On 9th July, 2016 M.Sc.- I students visited **Godrej Mangroves** as a Wetland and Sustainability event. On 15th July, 2016 around 90 students comprising undergraduate and postgraduate students visited **Parag Milk Foods, Manchar**. The visits were organized by Dr. Reshma Turbhekar.

Visit to National Institute of Immunohaematology, KEM Hospital, Mumbai : M.Sc. I and II students visited the Clinical and Experimental Immunology Department headed by Dr. Vandana Pradhan, a senior Scientist and researcher. She explained the students about the triggers of Autoimmune diseases. She said how these diseases could be organ specific, Systemic, Systemic vasculitis or Autoimmune blistering diseases. She also explained how antibodies could be prognostic as well as diagnostic. She then explained the Indirect Immunofluorescence assay which is commonly employed as the screening assay. She mentioned that these assays are 99.8 % sensitive. She emphasized on the students that while observing the IFA slides more than one fields should be observed, most common pattern should be reported, etc. She then made the students view the plates prepared and the students could identify the Coarse feckled, Nucleolar pattern, Homogenous pattern and Centromere pattern and then informed that the current advance in the screening methods is the Line Immunoassays (LIA). The students were very much fascinated with the images and profusely thanked Dr. Vandana Pradhan. The visit was arranged on 27, 28, 29 and 30th September, 2016. In all 37 students were the beneficiaries of the visit organized by Dr. Lolly Jain.

Industrial visit to Maneesh Pharmaceutical Plant, Govandi was organised by Dr. Unnati Padalia, Associate Professor for T.Y.B.Sc students on Thursday 17th November 2016.

Open Day at NMIMS : T.Y.B.Sc students participated in the open day of NMIMS institute, Mumbai on 30th November, 2016 organized by Dr. Lolly Jain. They were given an Introductory lecture by Dr. Sarnath, the Head of Biological Sciences. She elaborated on the post graduate and doctoral programmes offered by their Institute and also highlighted the research projects undergoing

currently. The students were then taken to visit the Animal Cell Culture Laboratory, Molecular Biology Laboratory, Bioinformatics Department, Nano technology Lab, etc. They were also explained the principle, working, applications of several instruments such as Western Blotting, HPLC, GC, UV Spectroscopy and many others.

Visit to Enviro Vigil: Visit for 42 S.Y.B.Sc. students to Ankur theme Park at Enviro-Vigil, Kalwa, (West) Thane, was organized on 2nd December, 2016 under DBT- Star College Scheme. Students observed the demonstration of Vermicomposting, Biogas plant techniques, various medicinal plants along with their significant aspects, techniques of managing routine household waste, rainwater harvesting and also attended a short Lecture on Biomedical waste management. The visit was organized by Mrs. Soniya Shetty and Mr. Shabib Khan.

Visit to National Institute of Immunohematology (NIH), ICMR, Parel: A visit was organized by Dr. Unnati Padalia, for T.Y.B.Sc students on 21st December, 2016. During the visit, the Technical Staff had shown all aspects of Pharmaceutical Industry such as Manufacturing, Packing, Quality Control and Quality Assurance. Departments which were visited by 35 students present comprised of: Tablet, Capsules, Dry Syrup, Liquid, Injection, Ointment, Soft gel Quality Control and Quality Assurance. Explanation of industrial work processes was also provided. Dr. Vandana Pradhan, the Chief Scientist and her team members explained the concepts and demonstrated the techniques such as Polymerase Chain Reaction (PCR), Fluorescence Microscopy, ELISA and Nephelometry. In all 22 T.Y.B.Sc. students attended the visit and were immensely benefitted.

Industrial Visit to Nainital : 32 M.Sc. students and 17 T.Y.B.Sc students and 03 faculty Mrs. Hemlatta Chakraborty, Dr. Lolly Jain, Dr. Seema Sambrani, visited different places in Nainital and also participated in the Jungle Safari at Jim Corbett during 19th -24th December, 2016. The Corbett Museum visit was also quite enriching. In Nainital they visited the Kumaun University-Administrative division. The soil samples from different places were collected for study.

Workshop on VITEK - II: Visit for 19 S.Y.B.Sc. students under DBT-Star College Scheme was

organized to attend a workshop on VITEK-II Automated Culture Identification System at KBP College, Vashi, Navi Mumbai during 16th -17th January, 2017. On first day students attended the powerpoint presentation which consisted of the Principle, working and application of the instrument followed by a demonstration of the working of the instrument which consisted of culture suspension preparation, adjustment of the culture density and loading of the card in the VITEK –II instrument. On second day observed the result of VITEK-II .The workshop was co-ordinated by Mrs. Soniya Shetty and Mr. Shabib Khan.

Industrial Visit to Pune: Department organized a two day Industrial visit for 34 F.Y.B.Sc and 26 S.Y.B.Sc. students to College of Agriculture, Shivaji Nagar, Pune and to KF Bioplants Pvt. Ltd. Hadapsar, Pune during 30th -31st January, 2017. Students visited College of Agriculture, Shivaji Nagar, Pune where they visited Mushroom cultivation section which

consisted of a lecture on Mushroom cultivation, required infrastructure and the storage section. Students were shown different types of Mushrooms and their cultivation conditions and visited Department of Plant Biotechnology where they observed Plant Tissue Culture technique, followed by visit to their Instrumentation room where students observed different instruments like PCR, Agarose and PAGE gel apparatus, UV Transilluminator, Cold Centrifuge and Microfuge useful in Plant Pathology . On second day students visited KF Bioplants Pvt. Ltd. Hadapsar, Pune which consisted of a comprehensive presentation on Plant Tissue Culture, which made the students familiar with the basic picture of the overall Plant Tissue Culture process, followed by which the students visited their Green House where they observed the technique of planting the saplings, the necessary documentation and the infrastructure of the green house. The visit was organized by Mrs. Soniya Shetty and Mr. Shabib Khan.

Mrs. Shailaja Girishankar (Head of the Department):

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended		01		
Presented Papers (Oral)				
Presented Papers (Posters)		01		04
Resource Person		01		02

- 07 International publications.
- Conducted CSPD (Communication Skills and Personality Development) Elective Course successfully.

Was invited:

- As a Jury in the Eighth Indian Youth Science Congress held at University of Mumbai in February, 2017.
- As a faculty for Soft Skill Program of UGC HRDC under RUSA at Jai Hind College in December, 2016.
- As a guest lecturer in Performance Improvement Program (PIP) conducted by

Biotechnology department, Khalsa College in March, 2017.

- As a Resource person for Communication Skills for students at SIES College in January, 2017.
- Worked as a Convenor for Communication Skills for teachers in K. J. Somaiya College of Science and Commerce, in April, 2017.

Dr. Mrs. Unnati Padalia:

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended				06
Presented Papers (Oral)	01			
Presented Papers (Posters)		06		08
Resource Person				

- Summer/Winter Schools, Workshop- 02
- 02 International publications and 03 in e-Journals with 07 Abstracts published in Conference Proceedings.
- Received **Dr. S.K. Somaiya Award for Excellence in Research** for the Academic year 2016-2017 on the occasion of Somaiya Vidyavihar's 58th Foundation Day in September, 2016.
- Ph.D. student- Mr. Kishor Bari was awarded first prize and Ph.D. student- Mrs. Miriam Stewart was awarded second prize at the Research Scholars Meet organized by K.J. Somaiya College of Science and Commerce, conducted in July, 2016.
- 1 student completed Ph.D in the Academic year 2016-2017.
- Received a grant of Rs.40,000/- as Principal Investigator for a Minor Research Project from University of Mumbai for the Academic year 2016-2017.

Was invited:

- As an Internal Referee at University of Mumbai for Viva-voce for Ph.D.in Microbiology in February, 2017.
- As VC Nominee, as a subject expert in the subject of Microbiology for CAS at Smt. CHM College, Ulhasnagar in June, 2016.

Mrs. Hemlatta Chakraborty:

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended				01
Presented Papers (Oral)				
Presented Papers (Posters)		02		
Resource Person				

02 Abstracts published at National level in Conference Proceedings.

Dr. Mrs. Lolly Jain:

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended				05
Presented Papers (Oral)		04		
Presented Papers (Posters)		04		
Resource Person				01

- 02 Abstracts published at National level and 03 at Local level in Conference Proceedings.
- Guided M.Sc.-II student **Ms. Tanuja Patil who was awarded the First prize for oral paper presentation** - Natural preservatives from fruit peels; at the national conference on EMERGING TRENDS IN SCIENCE at N.G. Acharya Marathe College in March, 2017.
- Co-Convenor for Elective course of Biophysics.
- Received a grant of Rs. 35000/- from University of Mumbai as Co-Investigator for a Minor Research Project for the Academic year 2016-2017.

Was invited:

- As a Paper reviewer and Rappertoire for a session at the International conference on EMERGING TECHNOLOGIES FOR SUSTAINABLE AGRICULTURE organised

Mrs. Soniya Shetty:

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended				05
Presented Papers (Oral)	01			02
Presented Papers (Posters)		05		08
Resource Person				

- 01 Abstract at International level and 05 Abstracts at National level published in Conference Proceedings.
- **Won the Best Paper award** at 'SWAYAZAS-International Conference on Environment, Economy and Technology' held at SIES college Nerul on the 10th and 11th of February 2017.
- Guided T.Y.B.Sc. student **Ms.Prarthana Poojari who was awarded Third prize for Poster presentation** at Srujana organized by GNIRD Khalsa College in January,2017.

by B.N. Bandodkar College, Thane in January, 2017.

- To deliver a talk on - Kaise Bane Pariwar Bemisal - for Dombivli branch of Terapanth Mahila Mandal, Mumbai in August, 2016.
- As a Judge for Inter-Collegiate festivals – Pushpam in December, 2016 organized by Botany department, Personality contest at Cidco Exhibition Bhavan, Vashi organised by Jainam group in August, 2016.
- As an external examiner for M.Tech project viva- voce at D.Y.Patil University, Navi Mumbai in June, 2016.
- Was the resource person for Induction Programme in July, 2016 and workshop on API form filling in June, 2016 in college organised by IQAC.
- Biographical note included in Asia Pacific who's who Vol. XIV.

Mr. Shabib Khan:

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended				05
Presented Papers (Oral)				
Presented Papers (Posters)			02	
Resource Person				

- 02 Abstracts at National level published in Conference Proceedings.
- Received a grant of Rs.35000/- as Principal Investigator for a Minor Research Project from University of Mumbai for the Academic year 2016-2017.
- Worked as a Member of Organizing Committee of Vigyan Yagna event conducted in December,2016.
- Selected as a Mentor for Microbiology Course as a part of Honours Program.

Dr. Reshma Turbhekar:

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended				01
Presented Papers (Oral)				
Presented Papers (Posters)		01		
Resource Person				

- 07 International Publications.
- Core Committee member of Nato Tiksa Club of Somaiya Vidyavihar.
- Core Committee member of Probiotic Research of Somaiya Vidyavihar.
- Organized Lecture and Workshop on HPLC and GC techniques for M.Sc.- I and M.Sc.-II students
- Co-ordinated Open Day for School students.
- Organized visit to Sewage treatment plant, Bhandup, Mumbai for M.Sc. students.
- Accompanied students during a visit to Maneesh Pharmaceuticals
- Member of Organizing Committee of Vigyan Yagna in December, 2016.

Dr. Seema Sambrani:

Participation in Workshops, Conferences, Seminars and Symposia:

	International level	National level	State level	Local level
Only Attended			01	
Presented Papers (Oral)				
Presented Papers (Posters)				
Resource Person				01

- Attended a workshop on Google classroom and Communication skills.
- Was a part of Visit to Sewage treatment plant, Bhandup, Mumbai.
- Active member of Research Interphase committee and Probiotic research group.
- Was the In- Charge of the Open Day activity for Microbiology department.

Department of Nutraceuticals

Nutricus

Nutricus was organized on 10th December 2016 at K.J.Somaiya college of Science and Commerce, Vidhyavihar from morning 9.00 am to 5.00 pm. Sponsors for our events were AMUL and Edkits electronics.

Following events were conducted in the NUTRICUS

Sr. No.	Activity	Venue	No. of Participants
1	Green chef:	6th floor Nutraceutical Lab	2
2	Food Hunt	Campus	60
3	Black Taboo	Gargi Plaza	22
4	Play your Luck	Near Gargi Plaza	62
5	Mysteries of Kitchen	6th floor Nutraceutical Lab	5
Total			151

Students Participation in workshop, Seminar:

Our students have participated and have won many prizes in various competitions, workshops and seminars organized by our college and also in various institutes across Mumbai.

Sr. No.	Students Activity Name of event/Seminar/workshop/ achievements	Participants/ Winners	Venue	Date
1	Foundation Day	Ms Bhoomi Shah	KJSSC	9-9-16
2	International Conference on emerging tech for sustainable agriculture	Ms Sayali Welekar	B.N. Bandodkar College	20-8-16
3	Vigyan yagnya	Mr.Aniket Bagul Ms Nikita Rane Ms Ankita Bhosale MsRuchita Dhanawade Ms Neha Gurav Ms Nausheen Shaikh	KJSSC	7-12-16 to 10-12-16
4	Convergence	Ms Maliha Parekh, MS Jyoti Malvia	KJSSC1st Prize in Quiz	9-12-16
5	Makers Mela	MSc I (6)	KJSSC	13-1-17 to 15-1-17
6	IPR	MSC II (20)	KJSSC	21-1-17

7	Nutrazest	Ms Maliha Parekh, Ms Jyoti Malvia	G.N. Khalsa College 1st Prize in Quiz	24-01-17
8	Certificate of Merit	Mr. Aniket Bagul	B.N.Bandodkar College	17-2-17
9	Codex	MSc I (9)	G.N.Khalsa College	28-2-17 to 2-3-17

Activities Organized by Students:

Our students, organized various activities that make them develop skills for leadership and team management.

Sr No.	Activities Organized by students	Date
1	Fresher's party celebration	24-8-16
2	Teachers Day	5-9-16
3	Nutricus	10-12-16
4	Farewell	24-4-17

Excursion:

Sr. No.	Field Visit/ Excursion	Class	Date
1	Visit to Nakshtra garden	MSc I (20)	20-08-16
2	SIES Packaging Unit ,Neral	MSc I(20) & II (20)	24-1-17
3	BARC visit	MSc I(20) & II(20)	8-3-17

Department of Physics

Following Activities were carried by Staff and the Students of *Physics Department*:

➤ Film Show :

To make the learning process more effective and conceptual, and to built interest and motivating the freshers, the department of physics arranged a film show on 'A Journey to Quantum Era' for F Y B Sc students on 16th July 2016 and 18th July 2016 in the Seminar Hall.

➤ Interaction with Alumni:

An alumnus is the best bridge between the passed out and ongoing generation of any institute. An interactive session was conducted with alumni of Department of Physics, who could obtain a significant path to research in Physics.

This session titled "Roads Diverged: Together again" was filled with enthusiasm and futuristic

guidance. It was organized in the seminar Hall on 30th July 2016.at 12:00 hours.

Primarily scheduled with three alumni, Dr Jai More, Ms Ruchi Chudasama and Mr. Nishchal Dwivedi, the session was supported by three veterans of the college; Dr. R. Venkatraman, Dr. Krishnanand Hosalikar and Dr. R. Magare.

➤ Show of Demonstration Experiments:

An interactive demonstration session was organized by the department of Physics on 10th August 2016 in the seminar hall. Prof Jayant Joshi, a physicist was the key demonstrator and communicator for the program.

His long collection of demonstrations were based on physical phenomena we learn during secondary standards. The prime feature of his explanation was feel- to - discover approach. A variety of experiments cum demonstrations were

shown on centre of gravity, conservation of energy and momentum, fluid mechanics, surface tension, light, sound, magnetism and centre of mass etc.

It was an overcrowded popular show and attended by large number of graduate and Postgraduate learners and faculties.

➤ **Photography Workshop:**

Photography Workshop - Art and Technique of Digital Photography was conducted by the department on 24th November 2016. The program started with registration and tea/breakfast at 9.30 am. 54 Undergraduate and 12 teaching staff members attended this workshop. The whole workshop was divided into four sessions of 1½ hour each.

The first session was conducted by Prof. Shreekant Malushte. In this session he gave a broad review about what photography is all about. He stressed on what is meant by 'candid photography'. The second session was conducted by Himanshu Malushte. This session was directly related to actual photography. He started the session by depicting certain photographs which had won National or International awards. The third session was conducted by Mr. Prasad Dalvi (student of Shreekant Malushte), working in the IT sector. He calls himself as 'Nature Photographer'. He specialises in Macrophotography. He started the session by explaining physics behind aperture and shutter speed which plays an important role while clicking photo. The fourth session was conducted by Prof. Shreekant Malushte. This session was to address role and importance of photography in journalism.

Over all the feedback of the students was excellent and the purpose of arranging this introductory workshop on photography was fulfilled. The department is grateful to DBT-Star scheme for financial support.

➤ **Night Sky watching:**

The program for Stargazing was arranged by the department on 3rd of December 2016, for under graduate students, at Patil Farm in Mahuli, Asangaon. There were the following telescopes on the field: 8 inch Newtonian reflector, with a dobsonian mount, 6 inch Newtonian reflector, with an Altazimuth mount, 5 inch Newtonian reflector, with an equatorial mount, 4 inch Newtonian reflector, with an Altazimuth mount.

In different sessions, the students were able to observe the Moon, Venus, Mars, different Constellations, Andromeda Galaxy, Alberio Double star, M29 (open cluster) ,M2 (Globular Cluster) etc.

➤ **Fizika:**

This was the one day Inter Collegiate Departmental Science Function held on 7th December 2016 in the department of Physics. It included events like Invited Talks in which Mr.Ninad Jetty, research scholar (TIFR) delivered the inaugural talk on "Diffraction for Light", other events like Crossword, Poster Competition, Photography Competition, Circuit based problems, Treasure Hunt were also organized. The students from different Colleges like Wilson, Mithibai, National, Vaze-Kelkar College participated.

➤ **Open Day Program:**

Every year our college is conducts an "OPEN DAY" event to show-case various activities to the student community. This year it was conducted on 10th December 2016 between 9a.m. to 2.00p.m.

On this day, students had an opportunity to visit the Institute and go around to explore, experience and enjoy the activities of the Institute. The activities included posters, films, demonstrations and exhibits that were held in the various departments

In all, about 250 odd students from eleven different schools from Mumbai, participated and got benefited from these activities, which were beyond their school curriculum, and out-of-textbook. In view of this Physics department arranged exhibits, posters and experiments in their departmental laboratories.

➤ **Educational Visit To ISRO and IISc Bangaluru:**

In the academic year 2016-17, the Department of Physics successfully organized and conducted a educational tour to ISRO satellite center and IISc, Bangalore from 21st December to 25th December 2016. In all 47 undergraduate students from FYBSc, SYBSc and TYBSc participated in the educational trip and were accompanied by three teachers (Mr. Amit More, Mr. A M Shaker and Dr. Rucha Naik).

The visit to ISRO (Indian Space Research Organisation) satellite center and Nano science technology center of Indian institute of Science was

scheduled on 23rd December 2016.

At ISRO, The Indian space program was explained in detailed by Dr. Sreenivasan, a senior scientist, through the models displayed. Prototypes of different launch vehicles and all satellites launched by India from the beginning of Indian space program were displayed and explained.

The real and exciting part of the visit and a life time experience for all students and teachers was to witness assembling and testing of the equipment of **Chandrayan-II** in the two story clean room at the ISRO center which is schedule to be launched in the year 2018. This visit to ISRO center was very informative in giving complete knowledge of the Indian Space program and fruitful in knowing career opportunities in ISRO to all students. At IISc Nano-Science center, students were shown how nano materials are made and various research tools used in studying nano materials. It was an introduction to new areas of research and technology for our students and definitely helpful in planning their careers after graduation.

➤ **Visit to Nehru Science Center:**

Science Association, Seminar and workshop committee organized a visit to Nehru Science Centre on 7th February 2017, an attempt to gain insightful perspectives on scientific laws and theories. The aim of this visit was to create and develop interest of the students in the field of science and inculcate scientific awareness amongst students.

Nehru Science Centre is among the four National level Science Museums in National Council of Science Museums (NCSM). Forty one (38 students +3 staff members) visited various galleries (reception hall, science for children, sound and hearing, light & sight, climate change, hall of nuclear power, prehistoric life, our technology heritage, human and machine, hall of computing, hall of evolution, hall of areospace mirror) In addition, an Exhibition - 'Uniting India : Sardar Patel' that exhibited the Life and Works of Sardar Vallabhbai Patel was an eye opener for one and all. The students learnt invaluable lessons about the preservation of scientific and technological heritage of the country. The visit was definitely a fun-filled experience for students. It was indeed a great learning experience for the students as it invoked a sense of curiosity to explore the exhibits in the museum.

➤ **Projects undertaken by TYBSc students under Star Scheme:**

The T Y B Sc students made various working Projects under Star DBT Scheme and Competition was held for the best project. The students were evaluated by the external Evaluator and later felicitated by the Department.

➤ **Radio Chemistry Workshop:**

The Radio Chemistry Workshop was arranged jointly with Department of Chemistry and BARC. It was a Seven Day short term course conducted in the seminar room of our college 18th to 23rd January 2017. It was a National Level Workshop in which participants from all over India were participated.

- Long Term Service Award: Mrs Ranjana Shukl was felicitated by Esteemed "Long Service Award" by Somaiya Management on 30th January 2017.
- Campus Interviews was conducted for PG Students by Precon Automation and Systems Pvt.Ltd and five students were short listed for the next stage.
- Bridge Courses were conducted for F Y B Sc and S Y B Sc Students. These were activity for students without any cost in which lectures and practicals were conducted. Also eminent persons from Academics were called for delivering special guest lectures.
- The Activities/ Achievements of Students: The undergraduate and post graduate students took active participation in making the working projects which were evaluated by the External Evaluator. The first three best projects received Prizes. Our students also actively participated in the various events conducted by other colleges.

➤ **The Activities/Achievements of Staff:**

1] **Mrs. Ranjana Shukl:**

- Felicitated by the Somaiya Management with the Esteemed Long Service Award on 30th January 2017.
- Worked as Convener of 94th DAE-BRNS IANCAS National workshop Radiochemistry

and Application of Radioisotopes held in the college from 16th January to 23rd January 2017.

- Received Minor Project Grant from University of Mumbai for the year 2016-2017 with reference letter APD/237/429 of 2017.
- Working as a Chairperson Board of Studies for Physics, K J Somaiya College of Science and Commerce.

2] **Dr. Meena Sharma:**

- Invited as a Resource Person in National Children Science Congress in Baramati from 27th December 2016 to 31st December 2016.
- Completed Minor Project from University of Mumbai for the year 2015-2016 with reference letter APD/237/ Of 2016 as Principal Investigator.
- Attended the National Level workshop at ICT on Nano Materials – Emerging Trends from 16th August 2016 to 17th August 2017.
- Arranged a Film show and Visit to Nehru Science Center for Under Graduate Students.
- Working as a member Board of Studies for Physics, K J Somaiya College of Science and Commerce.

3] **Dr. Deepak More:**

- Invited as a Resource Person for INSPIRE - 2017 Camp, which was a National Level activity held at Pali-Raigadh on 5th January 2017.
- Worked as a Organizing Secretary in 94th DAE-BRNS IANCAS National workshop on Radiochemistry and Application of Radioisotopes held in our college from 16th January 2017 to 23rd January 2017.

4] **Dr. Geeta Nair:**

- Presented a Research Paper in the National Conference on Academic and administration audit in our college from 13th January 2017 to 14th January 2017.
- Invited as a Resource Person in HBCSE for IJSO-2016 at National Level, from 5th May 2016 to 22nd May 2016.

- Completed Minor Research Project from University of Mumbai during year 2015-2016 with reference letter APD/237/419 of 2016 08/02/2016.

- Arranged Night Sky watching for UG students on 3rd December 2016 at Mahuli- Asangaon.

- Attended a Local Workshop on Revised examination pattern and Norms at Vikas College on 25th August 2016.

- Working as a member Board of Studies for Physics, K J Somaiya College of Science and Commerce.

5] **Mr. A M Shaker:**

- Published a Research Paper in International Peer Reviewed Journal of Innovative research in science, engineering and technology, Vol 5 (10)18072, ISSN (ONLINE) 2319-8753 ISSN (PRINT) 2347-6710, with a Impact Factor of 6.2

- Published a Research Paper in International Peer Reviewed Journal of Innovative research in science, engineering and technology, Vol 5 (09)16051, ISSN (ONLINE) 2319-8753 ISSN (PRINT) 2347-6710 with a Impact Factor of 6.2

- Arranged an Educational Visit for UG students to Indian institute of Science (IISc) and Indian Space Research Organization (ISRO) from 21st December to 25th December 2016.

- Invited as a Resource person in summer course in the Experimental Physics- 2016 at HBCSE.

- Invited as a Resource Person for Junior college teacher workshop at R J College, 19th August to 20th August 2016.

- Invited as a Resource person for the National workshop on Exposure cum preparatory workshop of experimental problem solving at HBCSE from 6th May to 8th May 2017.

- Attended the workshop on Capacity building of Teachers to meet new challenges from reform in higher education, on 3rd March 2017 at R J College, Mumbai.

- Member of Organizing Committee of Vigyan Yagnya a mega Science Fair, arranged by our college during 7th December to 10th December 2016.

6] Mr. Jitendra Pendharkar:

- Published a Research Paper in Peer reviewed International Interdisciplinary Research Journal, ISSN 2249 9598, Volume VI, Issue VI, page No: 64-67, with Impact Factor 3.8.
- Completed the Minor Research Project as a co investigator, of University of Mumbai for the year 2015-2016, with reference letter APD/237/18 of 2016 dated 05/02/2016.
- Completed the Major Research Project as a Co Investigator of UGC for the year 2013 - 2017 with reference Letter 42-817/2013 (SR)
- Received Minor Project Grant as a Co Investigator from University of Mumbai for the year 2016-2017 with reference letter APD/237/429 of 2017.
- Presented a Research Paper in on International Conference titled, "Design, Development and deliverance of skill objectives in higher education", at G N College, on 14th and 15th September 2016. A full length paper was also published in proceedings with ISBN number.
- Presented a Research Paper at State Level Conference titled, "Recent trends in spectroscopic and microscopic techniques" on 2nd July 2017 at Birla College, Kalyan.
- Invited as a Resource person Interviewing of Science students for Homi Bhabha Bal Vaiyganik Competition held at Mumbai on 19th February 2017.
- Attended 3 D Printing Technology workshop on 25th June 2016 at Bandodkar College of Science, Thane.
- Attended the National Workshop arranged in collaboration with BARC, "94th DAE-BRNS IANCAS national workshop Radiochemistry and Application of Radioisotopes" in our college from 16th January to 23rd January 2017.
- Member of Organizing Committee of Vigyan Yagnya a mega Science Fair, arranged by our college during 7th December to 10th December 2016.
- Invited as a member Nanotiksa Club formed by SVV.

- Member Board of Studies in Physics, Department of Physics of our College.
- Member Board of Studies in Bio Technology, Department of Bio Technology of our College.

7] Mrs. Smita Survase:

- Published a Research paper in Advance Science letters, Vol 22(4) April 2016 pp1008-1012, ISSN-1936-7313 having Impact Factor 0.72
- Published a Research paper in Nuclear Instruments and method in physics section: B Vol. 387, Nov 2016 pp(01-09), ISSN 0168-583X, having Impact Factor 1.389.
- Completed Minor Research Project as a Co Investigator form University of Mumbai during year 2015-2016 with reference letter APD/237/419 of 2016 08/02/2016.
- Attended the National Workshop arranged in collaboration with BARC, "94th DAE-BRNS IANCAS national workshop Radiochemistry and Application of Radioisotopes" in our college from 16th January to 23rd January 2017.
- Presented Paper in International Conference titled," Nano-science and Nano-technology",
- At Vellor Institute of Technology from 19th October to 21st October 2016.
- Presented a Research Paper at State Level Conference titled, "Recent trends in spectroscopic and microscopic techniques" on 2nd July 2017 at Birla College, Kalyan.
- Invited as a Resource Person in HBCSE for IJSO-2016 at National Level, from 5th May 2016 to 22nd May 2016.
- Organizing Member of Fizika the Departmental Festival.
- Arranged a Night Sky Watching for UG students at Mahuli on 3rd December 2016.

8] Mr. Anshul Gupta:

- Completed the Physics Refresher's Course at University of Delhi HRDC from 13th October to 3rd November 2016.
- Completed the Course on Learning Physics through simple experiments from IIT Kanpur from 20th September to 20th November 2016.

10] Mr. Amit More:

- Attended the National Workshop arranged in collaboration with BARC, “94th DAE-BRNS IANCAS National workshop Radiochemistry and Application of Radioisotopes” in our college from 16th January to 23rd January 2017.
- Attended the workshop on Capacity building of Teachers to meet new challenges from reform in higher education, on 3rd March 2017 at R J College, Mumbai.
- Invited as a Judge in R C Patil College for R-South ward Science Exhibition.
- Arranged on Educational Visit for UG students to Indian institute of Science (IISc) and Indian Space Research Organization (ISRO) from 21st December to 25th December 2016.
- Coordinator for IAPT centre for NGPE exam held in our college.

11] Dr. Pallavi Raote:

- Attended the National Workshop arranged in collaboration with BARC, “94th DAE-BRNS IANCAS National workshop Radiochemistry and Application of Radioisotopes” in our college from 16th January to 23rd January 2017
- Organizing Member of Fizika the Departmental Festival.

12] Dr. Rucha Naik:

- Attended the National Workshop arranged in collaboration with BARC, “94th DAE-BRNS IANCAS national workshop Radiochemistry and Application of Radioisotopes” in our college

from 16th January to 23rd January 2017.

- Arranged an Educational Visit for UG students to Indian institute of Science (IISc) and Indian Space Research Organization (ISRO) from 21st December to 25th December 2016.

13] Mr. KetanKumar Gayakvad:

- Attended an International Workshop on “Electro weak interaction on leptons and Hadrons” at Aligarh Muslim University from 2nd November to 6th November 2016.
- Attended the National Workshop arranged in collaboration with BARC, “94th DAE-BRNS IANCAS national workshop Radiochemistry and Application of Radioisotopes” in our college from 16th January to 23rd January 2017.
- Arranged a Night Sky Watching for UG students at Mahuli on 3rd December 2016.

14] Dr. Ritwika Charabarti:

- Attended the National Workshop arranged in collaboration with BARC, “94th DAE-BRNS IANCAS national workshop Radiochemistry and Application of Radioisotopes” in our college from 16th January to 23rd January 2017.
- Presented three Research Papers at National level DAE-BRNS Symposium on Nuclear Physics at Shah Institute of Nuclear Physics from 5th December 2016 to 9th December 2016. Refer Proceedings of DAE-BRNS Symposium on Nuclear Physics 61(2016) 268.
- Research paper was Published in International Peer Reviewed Journal Physical Review C, 94 (054312) 2016 having Impact Factor 3.05

Department of Statistics

The Department of Statistics conducted the following activities.

1. National Statistics Day:

On 29th June 2016, the students of S.Y.B.Sc. and T.Y.B.Sc. celebrated National Statistical Day in the mark of 123rd birth anniversary of India’s most eminent statistician “Sir Prasanta Chandra Mahalanobis”. Around 60 students attended the

event. A Series of presentations were made by students of S.Y. B.Sc. as well as T.Y.B.Sc. The first presentation was made by a T.Y.B.Sc. student Vinay Jadhav who spoke on Sir Prasanta Chandra Mahalanobis, his years of education and then founding the Indian Statistical Institute, along with his participation in the political field of India. **Anilkumar Bhattyacharya, Debabrata Basu, RajChandra Basu, Sudipto Banerjee** were some

of the other Statisticians discussed throughout the event. To make the event lighter and fun filled, the students of third year had come up with a unique idea of playing a popular game of dumb-charades but with a statistical twist in it. There were also some random topics like probability, applications of Statistics which were presented before the audience.

2. Parent Teacher Meeting:

Like every year, a meeting with parents of S.Y.B.Sc. and T.Y.B.Sc. students was called on 9th July, 2016. The agenda of the meeting was regarding the examination related updates for the academic year 2016-17, attendance, performance, discipline requirements and various career prospects available for the students. Around 7 parents of students from T.Y.B.Sc.(Statistics) and 10 parents of students from S.Y.B.Sc. (Statistics) attended the meeting.

3. Lecture On Clinical Trials:

The course of T.Y.B.Sc. (Statistics) involves a course on bio-statistics which includes units like clinical trials and bio-equivalence. Hence to simplify the subject further, a guest lecture in this regard was arranged for the students on 13th Aug, 2016. The speaker for the day was Dr. Vinay Pawar (M.D. Ayu.) who is also an Associate Professor at Dr.D.Y.Patil College of Ayurved & Research Centre. His expertise in the field of clinical trials has lasted for over than 7 years. His primary focus was to emphasise on how clinical trials is different from bioequivalence. Also he explained the various designs of conducting trials and its effect on pharmacology and pharmacokinetics. The lecture enabled not only the students but also the faculty to understand the background, the ongoing process and the credibility of clinical trials and bio-equivalence better. Dr. Vinay presented the facts by giving real life examples and making the session very interesting.

4. Workshop On R-Software:

In the last few years, the open source R statistics software has exploded in popularity and functionality, emerging as the data scientist's tool of choice. Today, R is used by over 2 million analysts worldwide, many having been introduced to its elegance and power in academia. Hence, department of statistics conducted a two-day workshop on R-software for all students and teachers from different disciplines. Around 67 participants from 40 different

colleges attended the workshop. Some of the participants that attended the workshop came from far off places like Ratnagiri, Kankavali, Kudal etc. These participants were from different disciplines like Botany, Zoology, Computer Science, Mathematics, Geology, Engineering etc. The function was inaugurated by our respected principal Dr. Vijay Joshi and concluded by valedictory speech, by our Provost Dr. Rajan Welukar.

5. Open Day:

Like last year, this year also an open day was arranged for school students from various schools of Ghatkopar and Vidyavihar. Students in batches of 15-20 from 9 different schools visited our statistics class. Around 15 students of S.Y.B.Sc.(Statistics) participated in the one day programme. They made posters highlighting the application of statistics in various fields as well as in daily life. They also gave a small oral presentation to students so that they become more aware of this subject. Lastly two students played a game, using coloured marbles, to estimate the number of fishes in any lake or number of cars in the city etc. S.Y.B.Sc.(Statistics) students asked the school students, to participate so that it becomes an interactive session. At the end of every session, the school students were delighted to know the applications of statistics in the real world.

6. Shankhyastra:

On 21st December, 2016 the students of T.Y.B.Sc., organized an intercollegiate fest named SHANKHYASTRA for all students of statistics and mathematics across various colleges of Mumbai. Around 100 students had participated in various events like **CROSSWORD, WORD-WORLD, ABILITY TEST, RAPID FIRE, DUMB-CHARADES, TREASURE HUNT & SURVEY SKILLS**. For the survey skills event, two teams had presented their survey based on "Demonetization" and other was "Relationship between sleep and other factors" judged by Mr. Prashant Shah and Mrs. Reema Khanna (Associate professor from the department of Mathematics). Along with the above mentioned events, students had also arranged for some fun games like Cup-a-mania, Hold it up etc. The main aim of the fest was to bring about some interest in the subject and also learn a few new concepts. The fest ended with the prize distribution ceremony and a small valedictory speech.

7. Industrial Visit To Dapoli:

On 22nd December 2017 (Thursday), the students of the Statistics Department KJSSC, visited the Dr. Balasaheb Sawant Konkon Krushi Vidyapeeth. It is located at Dapoli, a small emerging town in the district of Ratnagiri, Maharashtra. The Krushi Vidyapeeth at Dapoli has courses in agriculture and different types of farming where a variety of Statistical methods are used for experimenting on the various crops. There were about 15 students along with the Head of Department and a Professor.

8. Guest lecture by alumni:

On 28th January, 2017 two of our alumni students Mr. Sourav Saha and Mr. Unmesh Raut gave

presentations about the applications of statistics and the projects taken by them in the real world. Mr. Sourav Saha spoke about his project undertaken at the P.G. course and also how statistics is used in social media. His project was “Social Media Analytics: Brand Positioning for Automobile Industry” and the tools used by him were Python, R software, SPSS. Mr. Unmesh Raut spoke about the work culture in his office and how he used statistics to detect, manage and improve the efficiency of their employees. He also explained how the concepts studied at the first year and second year are applied in daily life. All the students from the first, second and third year enjoyed the session and expected more such sessions in the future.

Department of Zoology

The Department of Zoology organized the following events in the current academic year:

Date	Title of Event	Guest Speaker/ Resource Person	Remarks
24.6.16	Somaiya School Open Day	-	Zoology Museum displayed along with powerpoint presentation
7.7.16	Special Lecture on Compassion towards Animals: an essential walk of life	Mr. Meet Ashar Animal Welfare Office- Mumbai Unit	In Seminar Hall, for UG and PG students
9.7.16	PTA	-	Parents of UG students interacted with the staff
	Workshop in Genetics Software [hands on]	Ph.D students from IIT Powai	Computer lab for 25 TYBSc students
20.8.16	Special Lecture on Biodiversity and Conservation	Ms. Lima Rosalind Alumnus Director, Greenfuture Foundation	In Seminar Hall, for UG and PG students
23.08.16	Nature walk to learn our Campus Biodiversity	Mr. Pradeep Patade	On Campus, for teaching and non-teaching staff
8.10.16	Workshop on Drosophila Genetics [hands on]	Ms. Prajakta Deshpande RYK College Nashik	In the Seminar Hall & Lab for PG students
9th and 10.12.16	Department Intercollegiate Fest Zorilla presents “Evolve 16-17”	Mr. Abhijeet Awlaskar : Birds of Mumbai	300+ students participated in events like Bird Race, Movie Fest, Graffiti, Quiz, Ppt, Treasure hunt, Model making and nature photography.

1.02.17	Workshop on sparrow House making [hands on]	Ms. Chetana Kanekar in association with _____ foundation, Nashik	In the lab for teaching and non-teaching staff.
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The Following Institutional Visits and Excursions were organized by the department:

Date	Site Visited	Organised for	Staff Accompanied
22.7.16	Vivek Agro farms, Virar	SYBSc	05
9.8.16	Arrey Colony Fish Breeding Centre	MSc II	02
26.9.16	NIO visit	T.Y and MSc II	02
2.12.16	ATREC visit	MSc I	01
6.12.16	NIIH visit	MSc I	02
9-14th Feb 2017	Gir NP, Narara marine NP, Khijadia bird sanctuary, Central Marine Fishery Research Institute and central institute of Fishery Technology	SY,TY,MSc I and MScII	05

- I attribute my success to this: I never gave or took any excuse. – Florence Nightingale
- You miss 100% of the shots you don't take. – Wayne Gretzky
- I've missed more than 9000 shots in my career. I've lost almost 300 games. 26 times I've been trusted to take the game winning shot and missed. I've failed over and over and over again in my life. And that is why I succeed. – Michael Jordan
- The most difficult thing is the decision to act, the rest is merely tenacity. – Amelia Earhart
- Every strike brings me closer to the next home run. – Babe Ruth
- Definiteness of purpose is the starting point of all achievement. – W. Clement Stone
- Life isn't about getting and having, it's about giving and being. – Kevin Kruse
- Life is what happens to you while you're busy making other plans. – John Lennon
- We become what we think about. – Earl Nightingale
- Twenty years from now you will be more disappointed by the things that you didn't do than by the ones you did do, so throw off the bowlines, sail away from safe harbor, catch the trade winds in your sails. Explore, Dream, Discover. – Mark Twain
- Life is 10% what happens to me and 90% of how I react to it. – Charles Swindoll

ACADEMIC ACHIEVERS



Bro. Ghosh Sourav Shrikant
B.Sc



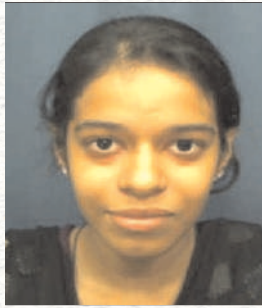
Sis. Ganatra Shivani Anil
B.Sc Information Technology



Sis. Misra Jigyasa Pravin
B.Sc Biotech



Sis. Patil Rashmi Sanjeev
B.Sc Information Technology



Sis. Khan Afreen Mohd. Akhtar
B.Sc Computer Science



Sis. Jain Prachi Ghevarchand
B.Com Accounting & Finance



Sis. Jain Anushka Bharatkumar
B.Com Accounting & Finance



Sis. Ahuja Harsha Prakash
B.Com Financial Markets



Sis. Bhalani Shraddha Jayant
Nutraceuticals Part 1



Sis. Dalal Neha Sudesh
BMS



Sis. Fernandes Janice James
BMS



Bro. Tanmay Ghanekar
T.Y.B.Sc. Statistics (I)



Bro. Srihari Padhi
T.Y.B.Sc. Biochemistry (I)



Bro. Tejas Mane
T.Y.B.Sc. Geology (I)



Sis. Rahina Halwai
T.Y.B.Sc. Botany (I)



Sis. Tamanna Tanwar
TY (SEM VI) Physics (I)



Bro. Amey Joshi.
T.Y.B.Sc Chemistry (I)



Sis. Vaishnavi Perumal
T.Y.B.Sc Maths (I)



Sis. Jill Gada
T.Y.B.Sc Microbiology (I)

ACADEMIC ACHIEVERS



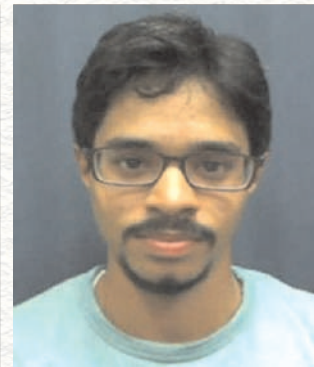
Sis. Kinnari Joshi
M.Sc. Biochemistry (I)



Sis. Vaishnavi Menon
M.Sc. Zoology (I)



Sis. Prajapati Anitadevi Kanhaiyalal
M.Sc. Biotech



Bro. Chougaonkar Soham Shreeram
M.Sc. Nutraceuticals



Bro. Poojari Rupesh Babu
M.Sc. Eenvironmental Science, Part 2



Sis. Nair Shilpa Sethumadhavan
M.Sc.. Eenvironmental Science, Part 1



Sis. Rashmi Chaube.
M.Sc..(ii) Organic Chemistry (i)



Sis. Jinal Bhanushali.
M.Sc..(ii) Physical Chemistry (i)



Sis. vijayalaxmi Yadav
M.Sc. (sem iv) Physics (i)



Sis. Snehal Phalke
M.Sc. Botany (i)



Sis. Ashwathy Nair
M.Sc. (sem iii) Physics (i)



Sis. khalida Shaikh.
M.Sc. (ii) Organic Chemistry (i)



Sis. Shah Grishma Hemant
M.Com

Results

HSC Exam, 2017

Overall Result

Science : 98.75%

Commerce : 100%

MCVC : 96.30%

General Science : Yadav Saurabh S. - 92.77%

Palan Mansi Manesh - 91.23%

Vocational Science :

Computer Science : Khandeshi Anjum Anish - 92.77%

Electronics : Acharya Nitya Yogesh - 92.62%

Commerce : Agarwal Sanjana Dilip - 91.38%

MCVC : Shah Poojan Nilesh - 86.92%

CET Toppers List

1. Harish M. Jain - 178

2. Swapnil Parekh - 175

3. Padhya Anay Nitin - 170

JEE Advanced

Yash Mange - 128

Meritorious students of our College for the year 2015 -2016 at the graduate level :-

T.Y.B.Sc (Chemistry) Bro. Amey Anant Joshi

T.Y.B.Sc (Biochemistry) Bro. Padhi Shrihari

T.Y.B.Sc (Physics) Sis. Tamanna Tanwar

T.Y.B.Sc (Microbiology) Sis. Gada Jill

T.Y.B.Sc (Mathematics) Sis. Vaishnavi Perumal

T.Y.B.Sc (Statistics) Bro. Ghanekar Tanmay

T.Y.B.Sc (Biotechnology) Sis. Misra Jigyasa

T.Y.B.Sc (Botany) Sis. Halwai Rahina

T.Y.B.Sc (Zoology) Sis. Sayyad Rukaiya

T.Y.B.Sc (Geology) Bro. Mane Tejas

T.Y.B.Sc (Computer Science) Sis. Afreen Khan

T. Y. B. Com. Sis. Shah Zill Kiran

Accounting and Finance	Sis. Jain Prachi Ghevchand
Financial Marketing	Sis. Chauhan Anjali Pradeep
Business Management	Sis. Fernandes Janice James

Meritorious students of our College for the year 2015 -2016 at the Post-graduate level :-

Subject	Name
M.Sc.(Physical Chemistry)	Sis. Jinal Ashokbhai Bhanushali
M.Sc (Analytical Chemistry)	Sis. Shagufta Begum Sherali Shaikh
M.Sc (Organic Chemistry)	Sis. Khalida Banu Mohammad Shaikh
M.Sc (Inorganic Chemistry)	Sis. Rashmi Rammilan Chaubey
M.Sc (Biochemistry)	Sis. Joshi Kinnari Yogesh
M.Sc (Physics)	Sis. Singh Sweta
M.Sc (Microbiology)	Sis. Singh Pooja Anand Kumar
M.Sc (Environmental Studies)	Bro Poojari Rupesh Babu
M.Sc (Nutraceutical)	Sis. Mandavgane Rucha Ajit
M.Sc (Biotechnology)	Sis. Prajapati Anitadevi Kanhaiyalal
M.Sc (Botany)	Sis. Phalke Snehal
M.Sc (Zoology)	Sis. Menon Vaishnavi Vijayraghavan
M.Sc (Geology)	Sis. Kazi Nida Hasanali
M.Sc (IT)	Bro. Chamdawala Zulfikar Sirajali
M. Com.	
Accounts	Sis. Chaudari Tinali Satish
Management	Sis. Shah Aafreen Mohd. Amin.

- The most common way people give up their power is by thinking they don't have any. – Alice Walker
- The mind is everything. What you think you become. – Buddha
- The best time to plant a tree was 20 years ago. The second best time is now. – Chinese Proverb
- An unexamined life is not worth living. – Socrates
- Eighty percent of success is showing up. – Woody Allen
- Your time is limited, so don't waste it living someone else's life. – Steve Jobs

CONVOCAATION



BIDDING FAREWELL

Teaching Staff



Dr. (Mrs.) Anjali Ratnakar
Department of Botany (Took VRS)



Dr. (Mrs.) Supriya Yeragi
(Department of Botany)



Dr. Veena Srivastava
(Department of Zoology)

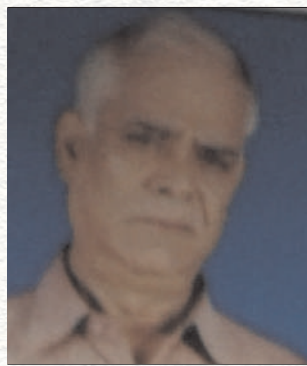


Dr. (Mrs.) Kalpana Naik
(Department of Chemistry)

Non-Teaching Staff



Mrs. Jayanthi Vishwanathan
(Supervisor, Junior College)



Mr. Badrinarayan Shukla
(Library)



Mr. Gagan Deo Raut
(Office Clerk)

OBITUARY



Shri R.V. Shukla



Shri Gajanan Shirgaonkar



Committee Reports

Attendance Committee

Induction Program for FYBCOM & FYBSC

A One-day Induction Program for F.Y.B.Com and F.Y.B.Sc students was organized by the Attendance Committee on 27th July 2016 at the Red hall, 4th Floor, SIMSR.

The one and half an hour session each comprised of:

- an address by Principal Dr. Vijay Joshi,
- a presentation on Student support services by Vice Principal Dr. Pradnya Prabhu and Dr. Lolly Jain,
- a presentation on Evaluation pattern by members of Examination Committee
- a presentation regarding the IT services offered on Campus by the Google App Coordinators from IT Department, Ms. Leena Shewale and Ms. Minal Dive.

The highlight of each session was undoubtedly the Principal's address which was filled with words of wit and wisdom. His words motivated and inspired the students to see dreams in Technicolor and they left the hall truly charged. The explanation of the new evaluation patterns and IT services was also well received by the students. The students were quite excited at the plethora of events and activities in store for them.

The programme was conducted in five sessions, encompassing more than 1000 students. The students registered themselves outside the hall where they received prospectus and handouts for elective courses.

Session	Class	Attended	Enrolled	%
I	FYBCom (Aided)	243	392	62%
II	FYBCom (Unaided)	169	209	80%
III	FYBSc (Unaided)	189	237	78%
IV	FYBSc (Aided)	446	671	66%
V	FYBSc (Aided)			
TOTAL		1047	1509	69%

The event commenced at 8.30am and concluded at 5.30 pm. With careful planning and accurate conduction the event went on smoothly and was well received by the students.

Topic of the event : Parent Teacher Meeting Counseling Session on 'Effective parenting'

Date / time of the event : 9th July, 2016, 8:30 am to 2.00 pm

Venue of event : Seminar Hall and Science Departments

Resource persons : Dr. Sukhada Chimote, Counsellor at Institute for Psychological Health, Thane.

Organizer Attendance Committee

No of participants : Science : 150 Parents
Commerce : 50 Parents

Brief report of the event : The day started with a one and a half hour session on 'Effective parenting' by the resource person. Dr. Sukhada talked to the parents about the challenges in parenting and the changing needs of their children. It was a highly interactive session as the parents showed a wonderful response by asking questions and sharing their experiences. The parents were also briefed about the examination pattern and queries were addressed by the examination committee. Parent's feedback was taken by feedback committee. The parents later visited the respective departments and interacted with the subject teachers. Faculty members discussed the various aspects such as general rules and regulations of the college, further studies after graduation, activities conducted by college etc. The parents appreciated this initiative of the college and asked for more of such interactions.

★ ★ ★



Awards and Prizes Committee

Dr. Rajendra Nayak Sir and Prof. Ranjana Shukl madam were awarded Long service felicitation award.

Sis. Samidha Vivek Shinde was selected as the Best girl student and Bro. Sumit Raghunath Pai was selected as the best all round student.

★★★

Commerce Association

Commerce Association organized a program on Cyber Security on **14th July, 2016**. The resource person was **Mr. Prakash Tukaram Warke**, he is designated as **Assistant Police Inspector**. He is working in Cyber Police Station (BKC) since 2009, it is first cyber police station in Mumbai. He completed courses related to cyber all over the INDIA (Courses such as *ethyl hacking, programming*). He was selected 1 among the other ten participants, in *United States PTO* from well-known University in *Virginia* and patented in United States of AMERICA.

Around hundred students and the staff members attended the program. The programme started with Somaiya Prayer followed by Introduction of Guest Speaker by Sis. Apurva Tiwari (Ty BCom Div. G student). The guest was felicitated by **CA. Atul Thatte Convenor of Commerce Association**.

Mr. Warke explained the various social media in use today and cautioned the students about the areas of misuse. He took up issues lottery frauds, mainly happening through Nigeria, the credit card frauds, matrimonial frauds by fake profiles, and also shared his personal experiences with students which helped students to acquire knowledge about the cyber crimes. Several case laws which Mr. Warke had experienced were also highlighted by him during his session. He shared with the students the cases related to fraud calls and how the victim suffered the losses and what remedies the Crime Branch provides to the victim. He discussed facts and figures of the increasing cyber crime rates in the city. He also warned the students about the types and manners in which the cyber crimes and frauds they can face in their normal course of time. He also raised several

queries about the people addicted to social media, several health hazards and made aware of handling cyber cash transactions with utmost care and avoiding negligence. The increasing frauds, hackers and the way it affects the human life was also thrown light on, besides, students were also taught to 'use' the ATM card and avoid various ways of e-commerce fraud. Several topics such as the effects of social media on human life, avoidance of misuse of personal accounts were in the limelight of the session. The students raised the queries related to the frauds whereas the queries such as use of social media by terrorists from recent past were the attraction.

Mr. Warke informed the students how data on Facebook can be misused and how whatsapp communication can be traced and hence students need to be beware of the messages they send or receive. The students keenly participated in the interactive session and found it extremely useful and worth attending since it addressed the issues of Cyber safety and elaborated on the precautions to be taken for using social media.

At the end of the session Mr. Warke assured the students that it is very important to share the problems related to such crime with the parents, or guardians and most importantly to inform it to the cyber crime department as crime cannot be solved unless detected. Besides, he also asked students to avoid accessing unnecessary sites and medias which is suspicious. The session on cyber crime was a very friendly approach which brought the professors, an expert and the students together in an aura. The Convenor proposed vote of thanks and the programme was concluded.

★★★

D.L.L.E

144 students successfully completed the projects assigned by Department of Lifelong Learning and Extension (D.L.L.E), University of Mumbai during the academic year 2016-17.

The following projects of D.L.L.E were opted by the students during current academic year:

Anaapoorna Yojana : The students sold 25 food and non food items in the college campus and prepared a report on the loss/profit in these transactions. The students learnt the entrepreneurship skills during the project.

Industry Oriented Project : In this , the students of the science background, did certain projects on microwave based organic synthesis, preparation of soaps and detergents, purification techniques like

column chromatography, vacuum distillation, steam distillations etc. These projects will be immensely useful to the students who wish to have a career in pharmaceutical and chemical industry. The students of finance and commerce background worked in the nationalized and private banks. Some of the students also worked in the college library during the vacation and assisted the library staff in entry of books, book issue, stock checking etc.

Career Project: The students got information about different conventional and newly developing careers. They displayed it in the form of charts in the college campus. The junior college students were enlightened by this array of information.

★★★

Gymkhana Department

The academic year 2016-17 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.

Senior College

- Chess :** Date: 27/08/2016 Venue : Lajpat Rai College Com. & Eco. Mahalaxmi
 - Won 2 round and lost in next round (Inter-Collegiate Tournaments) (Boys)
 - Won 3 round and lost in next round (Inter-Collegiate Tournaments) (Girls)
- Badminton :** Date: 1/08/2016 Venue: University Sports Pavilion, Marine Lines
 - At Inter-Collegiate Competitions won 2 match and lost in next round. (Boys)
- Basketball :** Date: 26/09/2016 Venue: Y.M.C.A Nagpada.

- Won 3 round and lost in next round (Inter-Collegiate Tournaments) (Boys)
 - **Israel Fernando Has Selected For All India University In Basket Mumbai University Team (Participated)**
- Football :** Date: 26/09/2016 Venue: K.J.Somaiya I.T. College Sion
 - Won 5 matches and lost in Semi-finals of Zonal round at (Inter-Collegiate Tournaments) (Boys).
 - Cricket :** Date: 26/09/2016 Venue: Azad Ground
 - Won 3 round won and lost in 4th round against jhunjhunwala college (Inter-Collegiate Tournaments) (Boys)
 - Athletics :** Date: 18/10/2016 Venue: University Sports Pavilion, Marine Lines
 - **Shreyash Khade Shot Put Stood First And Selected For All India University –participated**
 - Mallakhamb :** Date: 05/01/2017 Venue: Samartha Vyammandir Dadar

- Omkar Anuskar participated (Inter-Collegiate Tournaments) Mallakhamb competitions

8. **Table Tennis** : Date: 7/01/2017. Venue: University Sports Pavilion, Marine Lines

Date: 16/02/2017. Venue: Chitkara University Himachal Pradesh

- **Jagruti Murbadkar stood 1st at Inter-Collegiate Level and Gold Medal All India University Competitions**

9. **Wrestling** : Date: 03/01/2017 Venue: BPCA College Wadala

- Ameya Ghasalkar Inter Collegiate competitions Quarter Final 2nd Place.

10. **Best physique** : Date: 22/01/2017 Venue: D.T.S.S. College Of Commerce Malad (E)

- **Sagar Kharat Silver Medal (Inter-Collegiate Tournaments)**
- Rahul Sonawane Bronze Medal (Inter-Collegiate Tournaments)

11. **Taekwondo** : Date: 07/03/2017 Venue: RDAV College Of Commerce Bhandup(E)

- Vinayak Pingale Gold Medal (Inter Collegiate Tournaments) (Selected for All India University "Haryana")
- Parvati Nair Silver Medal (Inter-Collegiate Tournaments)

Inter Class Indoor Competition for Senior College 15/09/2016 to 17/09/2016

➤ **Table Tennis, Chess And Carrom**

Games	Winer Name	Class
Carrom (Boys)	1) Nawin Talakkula 2) Harikrishna Arshanupeti 3) Rushikesh Vanjari	F.Y.Bsc F.Y.BMS F.Y.Bcom
Carrom (Girls)	1)Sonal Sameer Gadade 2) Yashika Karale	T.Y.Bcom T.Y.Bcom
Chess (Boys)	1) Sshrekanth Bomma 2) Darshan Bhanushali 3) Ajay Panigahi	S.Y.Bsc F.Y.Bsc S.Y.Bsc

Table Tennis (Boys)	1) Umang Varia 2) Darshan Bhanushli 3) Niraj Khatri	F.Y.Bcom F.Y.Bsc S.Y.Bsc
Table Tennis (Staff)	1) Savrabh Shete (Chemistry Dept.) 2) Aniket Paranoji (Chemistry Dept.) 3) Ravindra Walmiki (Gymkhana Dept.)	Teaching Staff
Carrom (Staff)	1) Ashok Kamble (Zoology Dept.) 2) Aadesh Ghatge (Gymkhana Dept.)	Non-teaching Staff

Outdoor Annul Sports Day 2016-17

➤ **100 Metres Boys Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Vinayak Rai	SYB.sc	1st
2	Roshan Choudhary	FYB.sc	2nd
3	Vaibhav Agre	FYB.com	3rd

➤ **100 Metres Girls Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Siddhi Modi	FYB.Com	1st
2	Nensi Patel	FYBMS	2nd

➤ **200 Metres Boys Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Vinayak Rai	SYB.sc	1st
2	Mani Kandan	FYBMS	2nd
3	Roshan Choudhary	FYB.sc	3rd

➤ **200 Metres Girls Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Astha Tyagi	SYB.sc	1st
2	Siddhi Modi	FYB.Com	2nd
3	Nidhi Rathod	FYB.Com	3rd

➤ **400 Metres Boys Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Roshan Choudhary	F.Y.BSc.	1st
2	Vinayak Rai	S.Y.BSc.	2nd
3	Akash Yadav	F.Y.BSc.	3rd

➤ **Shot Put Boys Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Darshan Sargur	S.Y.BSc.	1st
2	Vinayak Rai	S.Y.BSc.(IT)	2nd
3	Pradnesh Mankar	F.Y.BSc.	3rd

➤ **Shot Put Girls Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Astha Tyagi	S.Y.BSc.	1st
2	Nensi Patel	FYBMS	2nd
3	Siddhi Modi	FYB.Com	3rd

➤ **Long Jump Boys Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Shreyas Khade	M.Sc-II	1st
2	Vinayak Rai	S.Y.BSc.	2nd
3	Darshan Sangir	S.Y.BSc.	3rd

➤ **Long Jump Girls Final (Senior College)**

Sr. No.	Name of Students	Class	Results
1	Astha Tyagi	S.Y.BSc.	1st
2	Nensi Patel	FYBMS	2nd
3	Siddhi Modi	FYB.Com	3rd

➤ **400 Metres Non-Teaching Staff**

Sr. No.	Name of Students	Departments	Results
1	Mr.Aadesh Ghatge	Gymkhana	1st
2	Mr. Mukesh Masurkar	Electronic	2nd
3	Mr.Umesh Rathod	Physics	3rd

➤ **400 Metres Teaching Staff**

Sr. No.	Name of Students	Departments	Results
1	Miss.Rashmi Shilvant	Mathematic	1st
2	Miss.Rohini Navale	Biology	2nd

➤ **Open Marathon (800 Mts) Boys Final (Jr/ Sr. College)**

Sr. No.	Name of Students	Class	Results
1	Yogesh Ram	S.Y.J.C	1st
2	Vishal Jaisval	F.Y.BSc.(IT)	2nd
3	Roshan Choudhary	F.Y.BSc.	3rd

Annual Sports Day

➤ **INDOOR - 15 to 17 October 2016 (Sr.College)**

Game	Participation of students Junior college & senior college
Table tennis	52
Carrom	41
Chess	38

➤ **OUTDOOR - Held on 17th December 2016**

Activities	Participation of boys and girl students Junior college & senior college
Athletics	577
Toss faculty	25

Hosted Tournament:

- Mumbai University Inter-Collegiate Foot Ball Tournament 21,22,23,November2016 –Boys & Girls
- T.T., Chess, Carrom, Box Cricket, Tug of War, Badminton, Volleyball, Running Race, Rink Football, Long Jump Inter Collegiate **PHOENIX 16** Festivals 16, 17 December 2016.
- Somaiya Staff Toss Cricket Tournament 14,15,16 feb.2017 –Boys

Junior College

1. **T.T.** Date: 27/08/2016.Venue: Mulund College

- At Dso 3round won And lost in next round
 - Revati Mahajan Bronze Medal Division level competitions.
2. **Basketball** Date 31/08/2016.Venue: Ghatkopar West
 - At DSO won (KurlaTaluka) and lost In Dist Level - both boys.
 3. **Taekwondo** Date: 02/09/2016.Venue: Vinay Mandir
 - Dhruv Gagra stood Gold Medal DSO and Bronze Division level competitions.
 - Yogita Shingate stood Gold Medal and Gold Division level competitions and Participated National level competitions.
 4. **Karate** Date: 16/09/2016.Venue: DSO Sai Sports Kandivali E
 - Varun Shroff stood 3rd in DSO level
 5. **Football** Date: 17/09/2016Venue: Vashi
 - At DSO, won 1 matches and lost in next round
 6. **Kabaddi** Date: 18/09/2016. Venue: Ghatkopar West
 - At DSO, won 2 rounds and lost in the 3rd round.
 7. **Athletics** Date: 18/09/2016.Venue: DSO Sai Sports Kandivali (E)
 - Discuss Throw: Krithika Krishnakumar stood 3rd at DSO Level and State Level Competition 4th.
 - Long Jump: Vishal Mehta stood 3rd at DSO Level (5.90m)
 - Shot Put: Krithika Krishnakumar stood 2nd at DSO Level.
 8. **Badminton** Date: 24/09/2016.Venue: DSO Sai Sports Kandivali (E)
 - At DSO, won 2 rounds and lost in the 3rd round
 9. **Kick Boxing** Date: 25/09/2016.Venu: DSO Sai Sports Kandivali (E)
 - KalpeshPatil stood Gold in DSO level.
 - Omkar Kale Stood Silver in DSO level and Gold Medal National level competitions.
 - Shweta Powar stood Gold Medal in DSO level.
 10. **Carrom** Date: 27/09/2016.Venue: Vaze College Mulund (W)
 - Participated at DSO Level competitions.
 11. **Volleyball** date: 28/09/2016.Venue: Vaze College Mulund (W)
 - At DSO, won 3 rounds and lost in quarter final
 12. **Cricket** Date: 01/10/2016.Venue: Aazad Ground
 - At DSO, won 1 match and lost in next round.
 13. **Judo** Date: 8/11/2016. Venue: DSO Sai Sports Kandivali (E)
 - Varun Shroff stood 1rdPlace in DSO Level and Divisional level competitions 2ndPlace.
 14. **Kodo** Date: 28/11/2016 to 2/12/2016.Venue: DSO Sai Sports Kandivali
 - Tejas Gawali stood Gold Medal at DSO Level And in National level competitions has won Bronze Medal
 15. **Choikawando** date: 12/12/2016.Venue: Dharavi
 - Animesh Chavan 1st Place Gold DSO and Gold Division level competitions and Silver National level competitions.
 - Aashin Pawar 1st Place Gold DSO and Gold Division level competitions and Participated National level competitions.

Inter Class Indoor Competition for Junior College 03-09/2016 To 05/09/2016.

➤ **Table Tennis, Chess And Carrom**

Games	Names of the Winner	Class
Carrom (Boys)	1) Sanket Bausaheb Gund 2) Saad Riyaz Surve	F.Y.J.C F.Y.J.C

Chess (Boys)	1) Suyash Chandre 2) Atharav Marathe	F.Y.J.C S.Y.J.C
Chess (Girls)	1) Pranali Parab 2) Sayali Kadam	S.Y.J.C F.Y.J.C
Table Tennis (Boys)	1) Dhruv Ganatra 2) Bhavin Kothari	F.Y.J.C F.Y.J.C

Outdoor Annual Sports Day 2016-17

➤ 100 Meters Boys Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Aayush Sharma	F.Y.J.C.	1st
2	Binish Saini	F.Y.J.C.	2nd
3	Siddhesh Golotkar	F.Y.J.C.	3rd

➤ 100 Metres Girls Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Aishwaria Sawant	F.Y.J.C.	1st
2	Swati Subramanian	S.Y.J.C.	2nd
3	Bhavyashree Shetty	F.Y.J.C.	3rd

➤ 200 Metres Boys Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Aayush Sharma	F.Y.J.C.	1st
2	Siddhesh Golotkar	F.Y.J.C.	3rd
3	Atharva Mahajan	S.Y.J.C	3rd

➤ 200 Metres Girls Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Jyotsna Suthar	F.Y.J.C.	1st
2			2nd
3	Akshayee Madurkar	F.Y.J.C.	3rd

➤ 400 Metres Boys Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Sumit Tiwari	F.Y.J.C.	1st
2	Aayush Sharma	F.Y.J.C.	2nd
3	Rahul Pal	S.Y.J.C	3rd

➤ 400 Metres Girls Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Nupur Kurulkar	F.Y.J.C.	1st
2	Aishwarya Sawant	F.Y.J.C.	2nd
3	Jyotsna Suthar	F.Y.J.C.	3rd

➤ Shot Put Boys Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Ashok Chowdhary	F.Y.J.C.	1st
2	Raj Makwana	F.Y.J.C.	2nd
3	Varun Shroff	F.Y.J.C.	3rd

➤ Shot Put Girls Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Nupur Kurulkar	F.Y.J.C.	1st
2	Yogita Shingate	F.Y.J.C.	2nd
3	Mansi Bhosle	S.Y.J.C	3rd

➤ Long Jump Boys Final (Junior College)

Sr. No.	Name of Students	Class	Results
1	Binish Saini	F.Y.J.C.	1st
2	Bhavya Karani	S.Y.J.C	2nd
3	Shanawaz Quresh	S.Y.J.C	3rd

➤ **Long Jump Girls Final (Junior College)**

Sr. No.	Name of Students	Class	Results
1	Nupur Kurulkar	F.Y.J.C.	1st
2	Meera Gada	F.Y.J.C	2nd
3	Aishwarya Sawant	F.Y.J.C.	3rd

➤ **Open Marathon (800 Mts) Girls Final (Junior College)**

Sr. No.	Name of Students	Class	Results
1	Divya	FY.Bsc.	1st
2	IshaRaikar	F.Y.J.C	2nd
3	Astha Tyagi	SY.Bsc.	3rd

Tug-of -War (Final Results) Boys/Girls

Sr. No.	Name of Students	Class
1	Mokesh Mehta	F.Y.J.C.
2	Ashutosh Pathak	F.Y.J.C.
3	Bhavin Patel	F.Y.J.C.
4	Suraj Gupta	F.Y.J.C.
5	Namratha Hemmady	F.Y.J.C.
6	Maithili Phalke	F.Y.J.C.
7	Kashyap Panchal	F.Y.J.C.
8	Niyoti Patel	F.Y.J.C.
9	Harsh Pawani	F.Y.J.C.
10	Yogesh Ram	F.Y.J.C.
11	Ekta Thakur	F.Y.J.C.
12	Urvi Bheda	F.Y.J.C.

400 Metres Teaching Staff

Sr. No.	Name of Students	Departments	Results
1	Miss. Rashmi Shilvant	Mathematic	1st
2	Miss. Rohini Navale	Biology	2nd

Annual Sports Day

INDOOR - 3 to 5 Septmber 2016 (Jr. College)

Game	Participation of students Junior college and senior college
Table tennis	52
Carrom	41
Chess	38

OUTDOOR - Held on 17th December 2016

Activities	Participation of boys and girl students Junior college and senior college
Athletics	577
Toss faculty	25

Hosted Tournament:

- KurlaTalukaDso Chess Tournaments 22,23 August 2016 - Boys and Girls
- KurlaTaluka DSO Taekwondo Tournaments 2Sept.2016 - Boys and Girls
- Somaiya Staff Toss Cricket Tournament 14,15,16 feb. 2017 - Boys

Ravindra Kumar
Gymkhana

★★★

- Everything has beauty, but not everyone can see. –Confucius
- When one door of happiness closes, another opens, but often we look so long at the closed door that we do not see the one that has been opened for us. –Helen Keller
- How wonderful it is that nobody need wait a single moment before starting to improve the world. –Anne Frank

Report on Homi Bhabha Bal Vaidnyanik Competition

Eleventh Practical Practice Sessions conducted for Homi Bhabha Bal Vaidnyanik Competition

Homi Bhabha Bal Vaidyanik (HBBV) Examination, being conducted by Maharashtra Science Teachers Association, registers participation of lakhs of school-going children from the standards VI and IX, from the state of Maharashtra. HBBV examination has three levels; theory, practical, project/interview. For the students who have cleared their first level of written tests of *Homi Bhabha Bal Vaidnyanik* Competition, we at K.J. Somaiya College of Science and Commerce hold Practical Practice Sessions.

In the year 2016, eleventh edition of Practical Practice Sessions in Physics, Chemistry and Biology was organized on December 04 and 11, 2016 for the students from standard IX and VI. In all, fifteen students from different schools from Mumbai, Navi Mumbai, Thane registered and got benefited from these sessions. These sessions are designed beyond their school curriculum, and out-of-textbook.

These sessions, spread over two days, were conducted in four sessions (Physics, Chemistry, Botany and Zoology) were of three and half hour each. Moreover, it provided these participating

students an opportunity to carry out experiments with their own hands, giving more emphasis to hands-on approach than demonstrative technique.

While students had moved to the respective laboratories for practical sessions, their escorts, parents, guardians were addressed and informed about various competitive opportunities available for their wards in the field of Science, initiated by the Government of India.

The students and their parents, through their feedback, appreciated our involvement and acknowledged our efforts in training these 'Budding Scientists'. Practical performed by them in Physics, Chemistry, Botany and Zoology was found to be interesting and informative. Accordingly, explanation given was perceived to be excellent by all the participants.

The analysis of the feedback forms filled by the participants reveals that overall, every participant found that during the day they not only learnt but also enjoyed. In addition, cent percent of the respondents look forward for attending such sessions even in future, too.

Dr. Meena Sharma
Course Coordinator

★★★

Report of Honours Programme

Honours programme will provide interdisciplinary and experiential exposure to academically outstanding students along their regular under graduate programme. Students who are admitted into this program typically must have outstanding academic records and impressive accomplishments outside of the classroom. The criteria was set to 70% and above at 10 + 2 level.

• Structure of Honours Programme

It involves completion of total 10 Credits which will be distributed as following - 4 interdisciplinary Courses (one in each semester at FY and SY) , 2 core independent research (5th and 6th Semester) , 4 Experiential learning (during vacations).

- Orientation Session was conducted for interested students on 29th July 2016.
- 48 eligible applicants appeared for Online Aptitude Test conducted on 20th August 2016. The result was selection of 25 students (19 from Science and 06 from Commerce faculty).
- Honours students have made their presence on Facebook with title 'SomSaksham'
- Experiential Learning
- Helping Nareshwadi Campus

Interaction with Ms. Jogitha Kanapally and Mr. Rakeem from Nareshwadi was organized on 27th August 2016. It familiarized the students with different

initiatives that can serve for progress of children at Nareshwadi. To get an insight of the services that could be rendered, a group of Honours students visited Nareshwadi during the Christmas break. These students also organized intra-college "Food and Fund raising campaign" on 17th and 18th February 2017. The collection within two days was more than expected and comprised of around 145 kg of grocery items along with 30 notebooks. A contribution of Rs. 5000 was also made towards Girivanvasi Educational Trust.

- Ecofriendly Initiatives during Ganpati Festival

Students gathered on 3rd September 2016 for a formal discussion of various issues cropping up during the Ganapati festival celebrations. Groups were formed to work and create awareness in the areas around their residence. They emphasized on Green ways of celebration, including eco-friendly materials to be used in making of idols and for decorations. They also communicated to masses, the issue of various levels of pollution and possible measures to control

them. On 20th September 2016, all the groups presented their report of this awareness drive.

- Interdisciplinary courses Sleep Study

Sleep Study course commenced on 23rd September 2016 mentored by Dr. Abhishek Chhaya Mane. He educated the students about sleep patterns, disorders and metrics to analyse their sleep levels. These students developed questionnaire and surveyed the people of various age groups, backgrounds. Vigyan Yagna 2016 – a Science Festival organized on 7th December 2016 to 10th December 2016 served as a good platform for these students to exercise the study.

- Collaboration with ECO – ROX

A group of Honours students have volunteered for TMC ECO- ROX Joint project in solid waste management at Thane. This internship started from 17th April 2017.

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Report of the IQAC

Health Camp for Teaching and Non-teaching staff. (Bone density Determination)

Date : 01-09-2016

Time : 0.00 am to 5.00 pm

Venue : Chemistry Department

Resource Person : Dr. Hema Kawde and team.

Total no. of participants : 107

Brief Write up about the event : A health camp was organised for the determination of bone density under the guidance of Dr. Hema Kawde. The general medically relevant parameters were also monitored. Medicines and fitness solutions were also provided by the doctor's team. The Himalaya group of Companies also exhibited their different products and offered a discount of 10% on the purchase of the products.

Lecture on Self- Motivation for non-teaching staff.

Date : 02-09-2016

Time : 10.30 am to 12.30 pm

Venue : Seminar Hall

Resource Person : Dr. Vaidehi Bhide, IPH, Thane

Total no. of participants : 55

Brief Write up about the event : The speaker elaborated the intrinsic and extrinsic motivation factors in taking up a job. Through role plays she very well drove home the point that motivation to do an activity has to come from within an individual, only then he is driven towards success. The participants were also, through an activity, made to realise how emotions can be identified and how to handle solutions. They were advised to do self-talk and build up positivism within themselves. The session also provided a good platform for all the non-teaching members to share their views and opinions.

"Induction Programme for PG Students"

Date: 1st Dec, 2016

Venue: Sakarben Auditorium, Somaiya Vidyavihar

Time: 10AM- 11AM

No. of Students Attended: 225 Post-Graduate Students from Science and Commerce Section

The program was organized by IQAC. As per

regular good practice and tradition the program started with campus prayer. Our Principal Dr. Vijay Joshi addressed the gathering. Sir explained, in his own charismatic magical words, the need of the day and motivated them to explore the facilities available in campus and make a good use of them. In comparison with China we are far behind in patent application. In order to make progress as Acountry, we need to understand the demand of today and do our best. In his speech he explained, where we stand today and what should be our goal.

Bajaj Award and Quality in teaching”

Date : Friday, 26th August 2016 at 10.30 a.m.

Venue : Seminar hall

Resource Persons : Ms. Maya Desai, Director, IMC Ramkrishna Bajaj National Quality Award Trust

No. of Teachers attended : 90

Brief Write up about the event : Ms. Maya Desai had stressed on following points

- Quality is mandatory
- Performance excellence is a continuous journey
- Excellence Implies
 1. Continuous improvement
 2. People involvement
 3. Superior performance achievement
 4. Self assessment against a model
 5. Monitoring the progress
- Purpose of performance appraisal
 1. Gain control
 2. Build on best practices
 3. Deliver world class

Achieving the highest levels of organizational performance requires a well –executed approach to organizational and personal learning that includes sharing knowledge via systematic processes. The program is just a initiative to introduce us to the process.

Picnic for Non Teaching Staff Members

Date: 21/12/2016

Venue: Shangerilla Water Park

No. of Teachers attended: 3 teachers (IQAC Members)

No. of Nonteaching Staff attended: 61

Brief Write up about the event:

An institution is known for various reasons like students, teachers, infrastructure etc. We, in K.J.Somaiya College of Science and Commerce, believe that non teaching staff members also are the important partner of the institution. The progress of the institution without them is not possible and not desirable. To acknowledge the contribution of the non teaching staff members IQAC organized a one day fun filled picnic for them in nearby water park

We reached the venue by 9.30 am, after a delicious breakfast people in groups went to enjoy various rides and fun based activities. People forgot the barrier of department, age and had fun in a relaxed atmosphere. At 1,30 people again all assembled for lunch. After lunch some people took a sweet nap under the shade of shamiyana, some took a joyride in the toy train, Young enthusiastic members again went to enjoy more time in wave pool. At 4.30 pm winding up process stated. After a day full of fun and activities we left the venue at 5.00 pm. The one day visit was refreshing and being away from the college in a different atmosphere near nature helped us to break the barrier. We would like to acknowledge the support rendered by our respected Principal Dr. Vijay Joshi to make this project successful.

Scientific writing Workshop

Date : 1st December 2016

Venue : Sakarben Hall (Engineering Auditorium) Somaiya Vidyavihar

Time : 10.00 hrs to 17.00 hrs

Guest Speakers : Dr. Sunil Karve and Dr.Vandana Pradhan

Audience : Faculty Post graduate and PhD students of K J Somaiya College of Sci and Com

The session began with campus prayer followed by the welcome address by the Principal Dr. Vijay Joshi.

First and Second session

Speaker : Dr. Sunil Karve, Director, Babasaheb Gawde Institute of Management, Mumbai

Dr. Karve covered the general aspects of scientific writing starting with introduction to

research, gaps in research, how to fill those gaps, importance of time management, communicating the research and avoiding plagiarism in his talk.

The first session of his talk started with writing a literature review he stated why review of literature is very important by giving various examples. Reviewing literature enables us to identify the work done and what is left to be done and furthermore what can be done to improve on existing knowledge about the subject. He emphasized how a best literature review can help finding the gaps and by filling these gaps we get to know which research area can be focussed upon. Reviewing a literature not only allow us to fill the gap but also helps us to know whether the research we are going to carry out is unique or already carried out. He rightly pointed out one peculiar thing about review of literature, it is easier in today's tech savvy era but the most challenging aspect of the same is rejecting the wrong one.

In his unique and engaging style he made the audience understand format of writing the review of literature including quoting of the references.

In his second session he talked about the remaining three important aspects that we come across while communicating the research like materials, methods and conclusion. He emphasised upon following key points which are important for writing of each of these aspects. Methods section should include: Overview of the experiment, Population /Sample, Location, Limiting conditions, Sampling technique, Procedure, Materials, Variables and statistical treatment etc. Material section should include Laboratory equipment, Field equipment, Human or Animal, Subject or participants, Natural and fabricated materials, Survey questionnaire and tests, Computers and mathematical models. He told some important pointers that should be included and also the ones that should be avoided when writing the conclusion to make it precise and well explanatory. While concluding his session he talked about plagiarism, consequences and hence the need of avoiding it.

With these sessions Dr. Karve made it very easy to understand the scientific writing for research students in a very gripping manner.

Third and fourth session

Speaker : Dr. Vandana Pradhan, Senior scientist, Immuno Haematology Lab, NIIH, Mumbai

Dr. Pradhan covered the detailed aspects of scientific writing with minute details. The aspects that she covered were writing research paper, biomedical research, ethics involved in research work and scientific misconduct.

Her first session started with the benefits of writing. She explained how writing can help the researcher to advance professionally, qualify for grants, contributing to the institution and the research field with the sense of personal satisfaction. By explaining these benefits she encouraged the research students to write but at the same time she explained the common barriers that a researcher can encounter in this process are lack of time, unfamiliarity with the process and bad experiences from past like rejection of papers.

The session further progressed with the process of writing a research paper. Dr. Pradhan enlisted some important things to keep in mind while writing a research paper such as one must explore an idea in a systematic way, form a concept, support that concept with valid and well documented evidence. She advised the research students to follow the IMRAD format while writing the paper. IMRAD Format where I stand for Introduction M stands for methods R stands for Results and D for Discussion. She also emphasized on importance of acknowledging and thanking the funding agencies and colleagues who contributed to the work but do not meet the criteria of authorship. After that she explained how to write bibliography using Google Scholar and End Note software.

Dr. Pradhan also explained about different types of reviewing of paper by Peer Review which is a process prior to publishing an article, whereby other scholars in the author's field or speciality accesses a draft of the article. She further went on to explain about impact factor and its importance.

Dr. Pradhan not explained the difficult concept research paper writing which students are very scared due to the fear of rejection but also encouraged and gave confidence to the students on how they can write the paper in the right way.

In the last and fourth session, Dr. Pradhan focussed on a very important aspect that is always an integral part of research that is Ethics. She covered different facets related to ethics such as authorship issue, registered clinical trials, avoiding fragmentary or duplicate publications etc.

While concluding her talk she focussed on scientific misconduct, which is a significant misbehaviour that improperly appropriates the intellectual property or contributions of others that intentionally impedes the progress of research or risks corrupting the scientific practices. She enlisted different reasons for scientific misconduct such as publish or perish pressure, desire to get ahead, personal problems, character issues etc.

It was very important to imbibe ethics and scientific misconduct in young minds of researcher as this generation will be the future of research. Such exposure in their early career will leave a positive impact on the scientific community.

Dr. Pradhan did this job very well by her convincing and very approachable manner to all the audience due to her very strong experience in the field and the ground realities that she brought to the notice of all.

By the end of all these sessions that covered basics as well as details and obstacles during scientific writing the audience left with a huge bag of applicable knowledge that would stay with them for the years to come.

The workshop then ended with the vote of thanks from the Vice Principal Dr. PradnyaPrabhu.

Open day - 2016

Date : 10-12-2016

Time : 9.00 am to 2.00 pm

Venue : K.J.Somaiya College of Science and Commerce

No. of participants (school students) attended : 150

No. of Teachers attended : 15

No. of Schools Participated : 07

Total no. of participants : 165

Brief Write up about the event : The Open day is an annual event organised by the IQAC with an aim of enthusing the young minds with the spirit of pure sciences, different avenues in commerce and giving them a stimulus to recognize their interests and identify their field of interest to pursue later. The event began with the Vice principal and IQAC co-ordinator, Dr. Pradnya Prabhu giving an insight into the courses offered by the college, the infrastructure and facilities available and the accolades won by the college. The students were then divided into groups led by 2 volunteers each. The groups visited the departments of Chemistry, Physics, Microbiology, Mathematics, Botany, Zoology, Biotechnology, Statistics, Geology, Economics, Commerce, and Business Communication. They were briefed about the basics of the subject, were shown interesting experiments, working models, posters, skits, etc. in the departments. The students were overjoyed to experience the realms of science and commerce unfold before them. They also visited the Library and were over enthralled by the collection of books and Journals. The students and teachers were provided with snacks and a set of science books was given to each participating school. The feedback was obtained from all the participants. The post graduate and graduate students volunteered for this event and made the event successful.

★★★

- Winning isn't everything, but wanting to win is. – Vince Lombardi
- I am not a product of my circumstances. I am a product of my decisions.
– Stephen Covey
- Every child is an artist. The problem is how to remain an artist once he grows up.
– Pablo Picasso

English Department (Junior College)

A Report of Events for the Academic Year 2016 -17.

The English department conducted competitions under the heads 'elysian' and 'upstage'. Under elysian, there were two competitions, namely 'poster making' and 'story boarding'. Under upstage, a competition titled 'great narrator' was conducted. For all the above mentioned competitions, the enthusiastic student participation was overwhelming. While they brought out 22 winners in all, it was a truly enriching experience for each participant and teacher.

The following are the names of winners:

Poster making

- First prize : 1. Akshata Ramesh
2. Devanshi Chande
3. Ritika Makhawa
4. Dhruvi Shah
- Second prize : 1. Ayushi Parekh
2. Momiza Raine
3. Unaiza Sayed

- Third prize : 1. Swarup Jain
2. Mithil Ganger
3. Barat Chavada
4. Chetan Bangera

- Consolation prize : 1. Kasturi Pawar
2. Dhruvi Gor

Story Boarding

- First prize : 1. Michelle Machado
Second prize : 1. Sanika Ghag
Third prize : 1. Henali Vora

Great Narrator

- First prize : 1. Khushboo Kar
2. Krunal Mehta
Second prize : 1. Vistasp Edulji
2. Jini Mariam
Third prize : 1. Meghna Vasariya
2. Mehul Doshi
Consolation prize : 1. Khalfie Arbaz

Inter-Collegiate Committee (Junior College)

Name of the student	Std/Div.	Prizes/place
1) Bro. Yash Rathod	XI-C	General Knowledge competition Chetna College, Bandra East
2) Bro. Aman Singh	XI-C	Second prize 5000/-cash Trophy and Medal
3) Sis. Meghna Visaria	XI-F	Third prize in spell bee competition M.D. College, Parel
4) Sis. Shefali Mishra	XI-A	First prize in English Essay writing Competition at Somaiya College of Arts & Commerce
5) Sis. Rakshita Chaudhary	XI-D	Second prize in English Essay writing competition
6) Bro. Zafrul Shaikh	XI-E	Third prize in English Essay writing competition
7) Sis. Mahima Pal	XI-E	First prize in Hindi Essay writing competition
8) Sis. Priyadarshini Dalai	XI-E	Second prize in Hindi Essay writing competition

Tushar J. Bagwe
Convenor

★★★

Nature Club (Junior College)

Nature club had organized a field trip to Korigad on 1st October, 2016. 82 students were the part of this trip accompanied by 10 teachers. Senior teachers like Mrs Jayanthi Vishwanathan and Mrs Renu Bakhshi guided all us. It was indeed a great beginning from college with slight rain shower at 7:30am. The weather was playing tricks from sunny to cloudy and cloudy to foggy. We reached the foothills of Korigad at 11 am, while conquering the obstacles of foggy and rainy atmosphere. As we started our trekking for fort, heavy and torrential rain proved to be a

torment. The slippery way and the mud had added a different ambience to nature. The beginning of Korigad steps, brought us in the past glorious history. Unexpected rain had altered the colour of trees and surrounding. We were completely in the lap of nature till evening 4 pm. The fog at the top of fort made us engrossed in nature and forget the mundane modern city life. We reached college at 8.30 pm with different experience in life.

★★★

Olympiad Examination (Junior College)

This year we started the registration of students for Olympiad exam, from the month of August. Notice for registration was displaced on 17th AUG '16. We received total 165 entries for the subjects - Physics, Chemistry, Biology and Astronomy. Payment and list of enrolled students was sent to IAPT, BANGLORE on 10th SEPTEMBER '16. We had received HALL TICKETS of students on 20th NOVEMBER '16. Our committee distributed the HALL TICKETS in the next week.

To give brief information and instructions about IAPT EXAMINATION, we arranged lectures for students. Following was the schedule for lectures:

Date	Teacher's Name	Subject
23/11/16	Mr. Rohidas Kubal	Physics
24/11/16	Mrs. Nisha Jangam	Biology
25/11/16	Mrs. Sapana Tiwari	Chemistry

On 27/12/16, Sunday, students were called half an hour before schedule time. schedule for exam was as follows:

Date	Subject	Time
27/12/16	Physics	8.30 am To 10.30 am
27/12/16	Chemistry	11.00 am To 1.00 pm
27/12/16	Biology	1.30 pm To 3.30 pm
27/12/16	Astronomy	1.30 pm To 3.30 pm

Two of our committee members, Mrs. Rohini Bhoge and Mrs. Nisha Jangam had supervised for all three sessions.

Special thanks to Prof. Shekhar from senior college who guided us for smooth functioning of examination. Attendance report for the exam is as follows:

Subject	Total Students Registered	Total Students Present
Physics	62	51
Chemistry	46	39
Biology	48	40
Astronomy	09	06

Mr. Rohidas Aba Kubal
Convenor
Olympiad Committee

★★★

Report of the PTA Committee (Junior College)

FYJC PTA meeting :

- FYJC PTA meeting for academic year 2016-17 was held on Saturday, 17th Sep 2016 from 2 pm to 4pm.
- Approximately 400 parents attended the session which was addressed by Vice Principal – Mrs.Nina Phatak, Supervisor- Mrs.Jayanthi Vishwanathan, Supervisor- Mrs. Archana Zamwar and other senior teachers.
- The parents were informed about the importance of attendance in Theory lectures and practicals and its impact on the students academic performance, examination pattern, monthly defaulter list etc.
- Parents expressed satisfaction on the conduction of PTA meeting in the feed-back sheet.

SYJC PTA meeting :

- SYJC PTA meeting for academic year 2016-17 was held on Tuesday, 13th Dec 2016 from 2.30 pm to 4pm.
- More than 300 parents attended the session. It was addressed by Vice Principal – Mrs. Nina

Phatak, Supervisor- Mrs. Jayanthy Vishwanathan, Supervisor- Mrs. Archana Zamwar and other senior teachers.

- Vice Principal- Mrs. Nina Phatak greeted the parents and endorsed the need for parents to be in regular communication with the institution regarding attendance, defaulter list, examination etc.
- They were informed about NEET, Mock-NEET, CET, CPT examination and introduction of new elective subject- German.
- Advisor of PTA Committee- Mrs. Beena Suresh, Supervisors and other senior teachers spoke about examination schedule and the importance of EVS and Physical Education
- Queries from parents regarding change of subject were handled very deftly by the addressing teachers and Vice Principal.
- Many parents expressed satisfaction on the conduction of PTA meeting.

Mr. Ramakant Biradar
(Convener PTA)

★★★

- I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel. –Maya Angelou
- Either you run the day, or the day runs you. – Jim Rohn
- Whether you think you can or you think you can't, you're right. –Henry Ford
- The two most important days in your life are the day you are born and the day you find out why. –Mark Twain
- Whatever you can do, or dream you can, begin it. Boldness has genius, power and magic in it. –Johann Wolfgang von Goethe
- The best revenge is massive success. – Frank Sinatra
- People often say that motivation doesn't last. Well, neither does bathing. That's why we recommend it daily. – Zig Ziglar

Report of the Biology Department (Junior College)

This is to bring it into your kind attention that apart from the regular academic activities, there are some achievements to be informed regarding our dept.

- Teachers participated in 'EKLAVYA' lecture series. Few of our students of previous years got into Professional courses.
- 'Innovative lectures' were taken by Mrs. Sangeeta Salunkhe, Mrs. Shubhangi Khamkar and Dr. Devendra Jadhav
- This academic year, 40 students attended 'Olympiad Examination' in Biology.
- For Vigyan yagnya we could exhibit 30 projects from our department. All the projects were brought by Mrs. Nisha Jangam and we won the **First Prize [Bio-pesticide from Biological waste]** for the Jr. College section and a **consolation [Bio-fuel from Thalloids]** prize too.
- Our department has formed a 'whats app discussion group' where those who are interested in the subject are members. It includes students [present and past] Jr., Sr. College teachers and retired teachers. The main idea is to create interest in Biological Sciences. Regular contributions and interactions from both teachers and students is a unique feature of this group.
- Mr. Laxman Landge has successfully completed his Ph.D work in Zoology titled "**Protective role of some medicinal plants against chloramphenicol in *Mus musculus***", and achieved the tag of Dr. Laxman Landge from North Maharashtra University, Jalgaon.
- Mrs. Sangeeta Narayane has completed "**Post graduate Diploma in Management of Education**" [PGDME] successfully with First class from University of Mumbai.

- Two of our teachers, Dr. Devendra Jadhav and Mrs. Sangeeta Salunkhe attended a 10 days refresher course for Junior college [14th December to 24th December, 2016] conducted by UGC HRDC University of Mumbai. The event was inaugurated by the Vice Chancellor, Dr. Sanjay Deshmukh.
- Ms. Kanchan G., Mrs. Nisha J. and Mrs. Rohini Nawle attended a one day workshop on '**TERRARIUM**' conducted by the Botany Dept. of our college.
- Dr. Laxman Landge has presented a paper titled "**Ameliorative role of flower extract of *Couripita guianensis* on Chloramphenicol induced hematological changes in *Mus musculus***" in an International conference held at Bangkok in collaboration with Southern Thailand University from 11th November 15th November, 2016.
- Dr. Laxman Landge has presented a paper titled "**Renal protective role of leaf extract of *Pithecolobium dulce* Benth. against Chloramphenicol induced renal toxicity in *Mus musculus***" in an International conference held at Mohanlal Sukadia University, Udaipur, Rajasthan on 11th January, 2017.
- Dr. Shailaja S. Menon had written an introduction cum review on a book of poetries written by Shri. Prakash Polasseri [an industrialist and poet] titled 'Abhikamya' which was published in September, 2016.

The above mentioned are the highlights of the year as on date.

Dr. Shailaja S. Menon

★★★



Library Committee Report

Report of Library workshop of training to use databases to PG Students :

A report was submitted by library advisory committee in November 2016 regarding suggestions for improvement in library.

With reference to this a meeting was conducted by the Principal with the members of library advisory committee in which it was suggested to hold a series of workshops for PG students to orient about the library facilities and to operate the database.

Accordingly a Schedule and presentation was prepared by the library committee. Students were given hands on training to operate N-List and Ebscodiscovery Database in the library.

Following is the number of students from each department who attended the training.

Sr. No.	Name of Dept .	Number of Students
1.	Botany	6
2.	Biochemistry	29
3.	Chemistry	146
4.	Geology	16
5.	Microbiology	36
6.	Physics	29
7.	Biotechnology	17
8.	Envt. Science	13
9.	Nutraceutical	29
10.	M.Com	131
11.	I.T.	11

★★★

Placement Statistics

Date of Placement activity	Name of Company	Package offered	Designation	Participating Colleges	Participating Streams	No. of Students selected	No. of Students appeared	Placement Rounds Completion Status
06-12-2016	WNS Holdings Ltd.	1.5 lakhs p.a to 3 lakhs p.a.	Business Process Management	KJSSC	Commerce	---	36	Final interview round pending (11 students selected for final round)
17-12-2016	Capgemini	2.1 lakh p.a	Software Trainee	1. KJSSC 2. S. K. Somaiya College	1. Information Technology 2. Computer Science	34	KJSSC-91 S.K.- 73 Total -164	Completed All Rounds
17-01-2017	Here Maps	Not disclosed	GIS Analyst	KJSSC	1. Information Technology 2. Computer Science	---	52	Final interview round pending (13 students selected for final round)

★★★

Research Scholar Meet

Research Scholar Meet Held on 21-07-2016

The RSM was held on the above date and the inauguration of the RSM was done by Dr. Sharmista Dutt Chatterjee. The function was held in the Seminar Hall from 10 a.m. The guests included Dr. Damodar V. Prabhu, Adjunct Professor of Chemistry and ex HOD of Chemistry, Wilson College, Mumbai; Dr. Vandana Pradhan, National Institute of Immuno haematology, Parel.

The guests were invited by the Convenor of Research Committee, Dr. (Mrs.) Unnati Padalia. Dr. Sheela Prabhu, Vice-Principal presented floral bouquet to all the invited guests.

Dr. Sharmista Dutt Chatterjee, Senior Scientist at BARC, Mumbai gave the inaugural lecture and enlightened the research scholars regarding various aspects of research, report writing, preparation of resume for the interview and the various techniques to face an interview. She also emphasized upon writing a research paper and how to publish the paper in reputed journals. The audience gave an applause and standing ovation after she finished her lecture.

The research scholars were then separated into 2 groups. One group consisted of 12 exclusively for Chemistry subject and the other 6 for Biological sciences. This year the evaluation was carried out when the research scholars presented their data. Dr. Damodar V. Prabhu headed the evaluation of the Chemistry presentations and Dr. Vandana Pradhan headed the evaluation of the Biological Sciences presentation. They followed a marking system which was conveyed to them by the research committee.

The closing ceremony was held in the evening and Principal Dr. Vijay Joshi, addressed the gathering. He encouraged the scholars. The prizes were announced by both the judges. Ms. Sonia Varandani, research student of Dr. Sheela Prabhu secured the first prize in Chemistry followed by Bhavina Shah, student of Dr. Chitra Kamath who secured the second prize. In biological sciences, Mr. Kishore Bari and Ms. Miriam Stewart, both students of Dr. Unnati Padalia secured the first and the second prizes respectively. Meeting concluded by vote of thanks.

★★★

Seminar Workshop Committee (Junior College)

On 2nd March 2017 visit to BARC (Bhabha Atomic Research Centre) was conducted on the occasion of National Science Day. There were 23 students accompanied by teachers. Mrs. Godbole Savita S and Ms. Kavita Bhagtani.

The theme was - "Computer science and technology - Empowering the nation"

The event comprised of variety of activities such as talks by eminent personalities in the field of computer science, quizzes to expand the horizon in search of answers to satisfy the intellectual curiosity, entertaining skits, visits to various laboratories and exhibition of working models as a tribute to the hard work and dedication of the BARC scientists and technologists.

There was an overwhelming response from the students. Such visits always serve to inculcate and foster inquisitiveness in young minds towards Science and Engineering.

This year, on March 02-2017, BARC (Bhabha Atomic Research Centre) visit was conducted on the occasion of National Science Day (28-02-2017 to 03-03-2017). There were 23 students and teachers - Mrs. Godbole Savita S and Ms. Kavita Bhagtani

The theme was - "Computer science and technology - Empowering the nation"

The organisation of this event comprising a variety of activities - talks by eminent personalities in the field of computer science, quizzes to expand the horizon in search of answers to satisfy the intellectual curiosity, entertaining skits, visits to various laboratories and exhibition of working models is a tribute to the hard work and dedication of the BARC scientists and technologists.

There was an overwhelming response from the students. Such visits always serve to inculcate and foster inquisitiveness in young minds towards Science and Engineering.

The workshop and Seminar Committee arranged two interactive sessions this year for Science and Commerce stream.

The following talks were organized:

1) **Multiple Intelligence Test** – Ms. Mahima S. Jagwani (Dermatoglyphics Analyst):- It was arranged on 23rd November at 12.45 p.m. in the seminar hall. The talk was about the interest of the field in which students want to excel. It was career oriented discussion for Science stream.

2) **Careers in Commerce post XII** – Associate Professor Mrs. Manisha Damle (C.A.). The session was conducted on 20th January 2017 at 1.30 p.m. in the seminar hall. It was a great success as students were enlightened about different optional subjects of their interest with B.Com. As students were unaware of this and find difficult to choose proper optional subjects in their field, this lecture had an excellent students' response.

Mrs. Godbole Savita S
Convenor
(Workshop & Seminar Committee)

★★★

Women Development Cell

A workshop on sexual harassment was organized by Dr. Chayanika Shah, member, University WDC on 30th July 2016. Around 110 students and ten staff members attended it. Dr. Chayanika Shah discussed the basic concept and gender, the discrimination based on it ways of sexual harassment etc. by establishing a dialogue with the students.

To commemorate International women's Day on 8th March, a programme was organized by the Women Development Cell on behalf of Somaiya

Vidyavihar; that of performance of Bharud - a folk art of Maharashtra by Smt. Chandabai Tiwadi. Smt. Amritaben Somaiya, Trustee, Somaiya Trust was the chief guest of the program.

The performance by Chandabai Tiwadi left the audience spell bound with her fluent narration interspersed with songs, accompanied by the musicians. She dealt with many social issues like addictions, discipline, family relationships etc. Students were enthralled with the performance and responded very well.

★★★

- Life shrinks or expands in proportion to one's courage. – Anais Nin
- If you hear a voice within you say "you cannot paint," then by all means paint and that voice will be silenced. –Vincent Van Gogh
- There is only one way to avoid criticism: do nothing, say nothing, and be nothing. – Aristotle
- Ask and it will be given to you; search, and you will find; knock and the door will be opened for you. – Jesus
- The only person you are destined to become is the person you decide to be. – Ralph Waldo Emerson
- Go confidently in the direction of your dreams. Live the life you have imagined. – Henry David Thoreau
- When I stand before God at the end of my life, I would hope that I would not have a single bit of talent left and could say, I used everything you gave me. – Erma Bombeck

NCC REPORT - Achievements

As per the rich tradition of our unit, we achieved a lot in the year 2016-2017. Some of the glimpses are as follows ,

- In the beginning of the year 2016, our unit organised an inter unit college drill competition in our campus. 30 platoons from various NCC units participated. The occasion was graced by Major Priyanka Gupta.
- 26th January ,Republic Day was celebrated along with Vision Smart India. Our platoon bagged the best platoon award. The occasion was graced by Lt. Gen. N. M. Nimbolkar GOC Western command and Lt. Gen. D.V. Shekatkar.
- 1st May, Maharashtra Day, was celebrated in our campus. Shri Rangnathan ji (Gen. Secretary of Somaiya trust) graced the occasion.
- CATC camp-Vasai, 25 cadets attended this camp. 5 of our cadets were selected for pre-thalsena camp.
- Cadet Trinita Pinto represented Maharashtra Directorate for Basic Mountaineering camp from 1st June to 26th June 2016 at Pehalgam Jammu and Kashmir. She got an A grade and was recommended for advance mountaineering camp.
- International Yoga Day was celebrated in our campus 21st June 2016. Approximately 300 cadets from various schools and colleges participated.
- The greatest achievement of the year was that, our three cadets represented Maharashtra directorate for Thalsena camp at New Dehli. Cadet Roshni Nair and cadet Shradha Sonawane got All India Gold Medal in MAP READING and cadet Prachi Padaya got All India Bronze Medal in HEALTH AND HYGIENE.
- On 9th August, 2016, Kranti Diwas was celebrated in our campus.
- On 15th August, 2016, Independence Day was celebrated in our campus. Our chairman Shri Sameer Somaiya hosted the 100 feet flag.
- Swayamsiddha (selfdefence for girls) was organised in our campus.
- Sports Day was celebrated on 26th August 2016.
- Teacher Day was celebrated on 5th September 2016.
- A thrilling hike was organised to Shivneri fort on 25th September 2016.
- Cadet Hina Inamdar was selected for Scuba diving from 13th October 2016 organised by Indian Navy at Colaba. She was awarded the best Scuba diver.
- All India Trekking camp was organised at Ajmer Rajasthan. 6 cadets attended this camp.
- 6th January 2017, Republic Day celebration, our cadet Rajkanya Bhatt was awarded the best parade commander. Weapons from Indian Army were displayed on this occasion.
- Cadet Vaijanta Thorat attended Skiing camp at Jawahar Mountaineering Institute Jammu and Kashmir.
- Cadet Madhuri Jagtap was selected to give briefing on NCC Day.
- 19 cadets appeared for 'B' Certificate Exam and 17 cadets appeared for 'C' Certificate Exam at NCC headquarters .

Achievers in 2016-17

Thal Sainik Camp

1. Sgt. Shradha Sonawane
2. Cdt. Prachi Padaya - A. I. Bronze Medal in H&H
3. Cdt. Roshni Nair - A. I. Gold Medal in M.R

Basic Mountaineering Course

1. Cdt Trinita Pinto - "A" Grade

Skating Course

1. Cdt. Vaijanta Thorat
2. Cdt. Madhuri Jagtap

Scuba Diving

1. Juo Heena Inamdar - Best Scuba Diver

Basic Mountaineering Course (Nim Uttarkashi)

1. Cdt. Raveena Kumari

Pdc Wota Gwalior

1. Cdt. Prachi Padya

★★★

NSS Activity Report Highlights

The NSS unit in KJSSC is a vibrant platform for student activities. The unit comprises of 200 students. The senior students who are in the second year in NSS, plan for the activities based on the needs of the society and national policies and priorities.

The NSS unit of the college is integrated with two different academic courses viz. **National Service Scheme** as audit course and **Social work** as **audit course**. This integration provides additional benefits to students apart from the benefit through O.229.

In 2016-17, 200 NSS volunteers worked around 7000 human hours in around 176 events in the community under the following major themes

- Swachha Bharat Abhiyan – Cleanliness
- Complete health
- Substance abuse
- Diabetes awareness
- Disability sensitization
- Food and nutrition awareness
- National integration
- Railway passenger safety
- Road safety
- Voter's registration & appeal
- Woman empowerment
- Disaster management

A brief account of major activities of the unit are as below.

Seeds ditching programme

In the second week of June, a vegetation enrichment program was organized at Mumbra Hills in which the seeds for variety of plants such as Ashoka, Mango, Jamun, Tamarind and many others, were ditched prior to monsoon.

Rakshabandhan

On 18th August, 2016, being Rakshabandhan, it was a practice of NSS volunteers to tie rakhi to railway police along central railway and pay their gratitude since last three years. This year too in consultation with the police authorities, a rakhi tying programme was conducted in all railway police stations on central railway from CST to Kalyan; Vashi and Wadala along harbour branch and Bandra, Mumbai Central and Churchgate along Western branch. About 750 rakhis were tied by the students. Apart from this, as a mark of gratitude, rakhis were tied to campus security personnel too.

Blood Donation

The college unit organises blood donation as a package programme twice in a year in which activities like blood disorder awareness sessions, Thalassemia awareness and free testing, stem cell registry and blood and component donation are conducted. Every year the programmes are conducted with KEM blood bank and Somaiya blood bank. The donation was organised on 5th August and 21st December in the college and 19th October and 21st January in the campus. There were 435 direct beneficiaries through the donation.

Disaster Management training and mock drills

KJSSC Disaster Management cell is active in training for the preparedness for disastrous situations to our own students as well as other college students and college security staff.

The major activities conducted were School evacuation of The Somaiya school, Crowd control during college admissions, training for science students for Laboratory fire control, disaster preparedness training to Hiray College of Architecture, assistance to Mumbai police during Ganapati festival for crowd control preparedness training to school children in ZP school at Dahanu.

Yoga learning program

Yoga learning program was conducted in college as a part of central government yoga protocol from 15th June to 21st June 2016. The programme officer trained the students for yogasans and Yoga protocol.

Woman empowerment programme

The **Woman empowerment workshop** was organised along with NGO AKSHARA on 14th and 15th August 2016. Around 160 college students from 20 different city colleges participated in this two day workshop. Students were guided regarding the problem of discrimination between a man and a woman in various situations.

The NSS unit of KJSSC and railway police Mumbai organised a programme of celebration of womanhood *Navrang* during navratri. Every year seven to eight interactive sessions on multitasking nature of women, complete health, financial literacy, child nurturing family violence eradication, critical thinking etc are delivered by stalwarts from various fields.

Along with the sessions **exhibitions** were also held on various topics like respect for women, food and nutrition, impacts of tobacco on human body, Yogasan, virtual addiction, diabetes, cleanliness etc. Everyday about 150 to 200 women from the colony participated in this programme.

A **counselling session for girls** was organised on 13th August 2016 with the help of the Gynaecology department, KEM hospital. They gave guidance to the girls about their hygiene, what should be done when a girl reaches puberty. A viva voice round was also done in order to clear all doubts of all girl regarding respective questions.

Students developed a group and an ICT towards **eradication of misconception about menstruation**. The group worked in ZP school Danahu, college environment and at massive assemblage on 6th December 2016 at Shivaji park.

On 6th August 2016 a session on **Marital counseling**, "HOW TO MAKE LOVE" was organised by the students of KJSSC. Adv. Jai. Vaidya, a family counselor was invited for the session. She guided the students, the young generation about the facts on relationship between two or more people. After the session, there was a viva voice between

the students and the advocate. This event ended within one hour and around 150 people were benefited by the session.

Hygiene and Sanitation session

A session on **Hygiene and Sanitation** was organised in August, 2016 for the girls by the NSS students of K.J.Somaiya college of Science and Commerce. Dr. Padmaja Samant, a gynecologist of KEM hospital was invited to give the session. Around 50 girls were benefited. The two hour session was a huge success.

Road Safety programme

A Road Safety programme was organised with NGO 'United Way' in which students were given the training about road safety with the special emphasis on biker's safety. After the training programme in September 2016, the awareness programmes were conducted for the police personnel in the railway police colony for both ladies as well as gents with hand on training with the help of roads traffic department. In successive days, apart from hands on training, community awareness in Ghatkopar area was done. The programme continued even after the final examinations. In collaboration with United way and traffic police of Ghatkopar and Chembur unit, students counseled around 60 to 85 bikers without helmet or some other inadequacies between 7th April to 16th April 2017 in which about 600 members of general public was counseled in the drive toward wearing helmet, seat belt and following traffic rules.

On account of **road safety week**, an event was organized by highway police of Thane on 15th January 2017 in Thane, in which about 30 NSS volunteers were invited for generation of awareness. Dignitaries Amitraj, Janvi Prabhu Arora, Swapnil Bandodkar were invited for this event. Around 40 to 45 bike riders were present for the rally. The event was organised to spread awareness about how the highways and roads must be used, what care should be taken. The bike rally started from Thane octroi naka to Ghoti.

Activities and Exhibitions at Railway Police Colony Ghatkopar

Variety of awareness exhibitions were organised in Ghatkopar Railway Police Colony by the NSS

students of KJSSC during ganapati Festival and Navaratri festival. The exhibition topics were **Save Water, Diabetes, Women Empowerment, Health tobacco and alcohol impacts blood disorders** etc. People neglect their health and even more in case of women. This exhibition was conducted to make people aware why and how to take care of their health. People should know how important women are for the society. Members of the colony visited the exhibition actively in large numbers.

A **cleanliness drive** was organised on 26th September 2016 by the NSS volunteers of KJSSC in Ghatkopar Railway Police Colony. All volunteers cleaned the garbage, swage blockages. This drive continued for about 4 hrs. About 20 volunteers participated in this event.

Voter's registration

Since Municipal elections were about to begin the voters registration drive was conducted in the colony. Programs 6 and 8 was handed over to each needful tenement of the colony and filled proforma along with necessary documents were submitted to Ghatkopar CPS. Around 200 forms for the entries in voters list were submitted.

Appeal to Voters

In response to the circular from state election commission NSS volunteers of the college organised a project from 9th February to 24th February 2017 for appealing the voters for casting the vote in Municipal Elections on 21st February 2017. The area about 1km diameter was chosen for the work. The area was segmented into 32 segments on the basis of roads. The pilot survey was carried out to estimate the built up complexes and number of households available in each building. The process was further guided by Ms. Sardeshmukh Deputy Collector city district while making a similar plans for other colleges in the city. She had the meeting of NSS programme officers for the purpose.

In a successive phase with the recognition letter from the college Principal and Municipal Election authorities, volunteers enumerated listed voters from each house and appealed them to vote in the election. The process was conducted twice for each building.

The awareness rally for the area was also organised on 19th February 2017.

After the election process the volunteers went to the building again to confirm the voting exercise. It was found that the whole exercise was very fruitful and about 90 % of the people who were appealed , voted in the elections.

★★★

- Few things can help an individual more than to place responsibility on him, and to let him know that you trust him. – Booker T. Washington
- Subscribe To The Forbes Careers Newsletter
- Sign up here to get top career advice delivered straight to your inbox every week.
- Certain things catch your eye, but pursue only those that capture the heart. – Ancient Indian Proverb
- Believe you can and you're halfway there. – Theodore Roosevelt
- Everything you've ever wanted is on the other side of fear. – George Addair
- We can easily forgive a child who is afraid of the dark; the real tragedy of life is when men are afraid of the light. – Plato
- Teach thy tongue to say, "I do not know," and thous shalt progress. – Maimonides
- Start where you are. Use what you have. Do what you can. – Arthur Ashe

Cultural Forum Report

The cultural committee of the college works with the objective of developing the academic and cultural talents of the students, improving their capabilities to work as a team and raising their level of self-confidence in interacting with fellow students and peers. Cultural activities prove a valuable lens to view the inner world of students and thereby enable their holistic development. At our college several opportunities to showcase talent are provided, as academics need to be complemented with skill-based activities for a successful performance.

A one hour program-Cultural inauguration and Guru Purnima was organized by the cultural committee. The program started with the campus prayer.

The Principal, **Dr. Vijay Joshi** welcomed the gathering at the college Seminar Hall on 19th July, 2016. He expressed hopes of achieving many more laurels to the Institute in the future.

Following the formal program, the teams of cultural forum were introduced. The past events followed by incoming events were discussed such as teacher's day, friendship day, asmita, youth festival and annual day

During the program, various events such as Kathak and Indian solo dance, Western Solo dance, Mime, Instrumental music, Indian Solo singing, Duet singing, Rangoli, Face painting and Event photography were held. The participants for all the above events were the Principal, Vice-Principal, Deans of the college, teachers and students.

The program ended with a vote of thanks, raising the expectations to a whole new level.

Event Name : Shravansari

Occasion : Teachers Day

Date : 3rd September, 2016

On the occasion of teachers day, cultural forum organised a musical and a poetry session for all the teachers where even teachers take a part and showed their hidden skills. Even the Principal and Vice Principal took the part. Principal sir recited his special collection of poetry and Vice Principal made the atmosphere mesmerizing with her melodious voice. Prof. Bhanu Raman surprised all with her amazing

classical singing in which Raag "Malhar" was also a part. The students representing the college youth festival in the group four were also the part of this programme.

Event: Annual Day Function

Date: 22nd December, 2016

The Cultural Forum organised the Annual Day Function on 22nd December, 2016 in the Engineering Auditorium. The function started with the Campus Prayer and ended with the National Anthem. Lighting the lamp was done by Principal Dr. Vijay Joshi and the announcements were made for the best all rounder student and the best student Awards. Total 24 performances were there in which students showcased their different talents. A student from SYBSC performed Artistic Yoga, a student from fybsc performed guitar instrumental version, 13 students from different departments performed medley. Basically the theme of this year for annual day was "Old is Gold", so maximum number of performances were based on the old songs. A special performance by Cultural Forum committee was also given by the CF members. The students from Unaided section gave the performance for which they got the first prize in Inter-Collegiate, also the Youth Festival winners performed their winning song.

Event : PHOENIX'16

Occasion : Inter-Collegiate Festival

Dates : 15th, 16th & 17th December, 2016.

PHOENIX is an Inter-Collegiate Festival of the College which was held on 15th - 17th December, 2016. "Aamchi Mumbai" was the theme of this year. Different colleges were invited from Mumbai to participate in the event. Total thirty five events took place including performing arts, literary arts, fine arts, sports, gaming. 67 colleges visited the campus and participated in the events. Gurunanak College got the Best College Award in the event. The cultural committee also had creative minds who decorated the whole college which was the main attraction of the event as it gave a feel of Mumbai's lifestyle. "Ummid" was the social cause initiative taken by the Cultural Forum to provide platform to the special children to showcase their talent. Two institutions attended the function viz. Little Angels School, Bandra

& Vishwas Organisation, Thane. The also event got the presence of the film city dancers and actors as judges. Aakash Hawal was the judge for the mono acting and mimicry and Raaj Purohit, Liladhar Thakur and Divya Sagar for dancing events. Maharashtra Times also took the coverage of the whole event and reported it in the newspaper. PHOENIX' 16 also got

number of sponsors i.e. Brijeeel as aqua partner, Red FM as radio partner, Chhapkhana as apparel partner, Maharashtra Times as media partner, Saavn as music streaming partner, Lakme as cosmetics partner, Rushab Optics as optic partner.

★★★

अस्मिता २०१६ मराठी मनाचा मानबिंदू !!

अस्मिता २०१६ यंदा पूर्ण करत होते २५ वर्ष २४ वर्षांची परंपरा यंदाच्या वर्षी २५ व्या वर्षात पदार्पण करत होती आणि हाच रौप्यमहोत्सवी वर्षाचा सोहळा पार पडला तो १९ डिसेंबर आणि २० डिसेंबर रोजी.

“रंगभूमी” प्रत्येक कलाकाराची हक्काची आणि मानाची असलेली कर्मभूमी... यंदा ह्याच कर्मभूमीला अस्मिता २०१६ च्या परिवाराने मानवंदना दिली आणि अस्मिताचे दोन्ही दिवस एका नाटकाप्रमाणे ‘दोन अंकात’ पार पडले.

पहिला अंक - १९ डिसेंबर २०१६ आणि

दुसरा अंक - २० डिसेंबर २०१६

१९ डिसेंबर अस्मिताच्या पहिल्या अंकाला म्हणजेच अस्मिताच्या पहिल्या दिवसाला सुरुवात झाली ती म्हणजेच अस्मिताची कर्मभूमी असलेल्या ‘सुरुची’ ह्या वास्तूला नारळ देऊन आणि बिल्डिंगमधल्या गणरायाला गाऱ्हाण घालून आणि निघाला संपूर्ण अस्मिता परिवार आणि रसिकजण कार्यक्रमाला म्हणजेच इंजिनीअरिंग ऑडीला...

असं म्हटलं जातं शुभकार्याला सुरुवात करण्याअगोदर गणेशाचे स्तवन केले तर कार्य सिद्धिस जाते. ह्याच प्रथेनुसार रंगभूमी हा विषय असल्यामुळे ‘रंगमंच आणि त्या गणेशाला नमन केले ते नांदीच्या रुपात... आणि कार्यक्रमाला सुरुवात झाली.

त्यानंतर अस्मितामध्ये घेतल्या जाणाऱ्या स्पर्धा एका पेक्षा एक (solo dance), ढिंका-चिका (Group dance), एक तारा (monoact), (लावणी) ढोलकीच्या तालावर अशा एकामागोमाग एक स्पर्धा सादर होत गेल्या. गाण्याच्या बोलावर जसे स्पर्धक थिरकत होते तसेच गाण्याच्या संगितावरही

रसिकजण डोलू लागत होते. ढिंका-चिकामध्ये सगळ्यांचं लक्ष वेधून घेतलं. ते म्हणजे शिवाजी महाराजांना दिलेल्या मुजऱ्याने, तर सांग-सांग भोलानाथ म्हणत एका गुपने चक्क बालपणात नेले. अशातच अभिनयाचे २ तारे चमकून गेले. एकाने सादर केलेले सैनिकाच्या मुलाचे मनोगत मनाला हळवं करून गेले. तर एकीने सादर केलेल्या विवाहितेची परिस्थिती एक वेगळंच चित्र दाखवून गेली.

अशात हास्याचा एकच कल्लोळ झाला तो म्हणजे जेव्हा एका नंतर एक नाट्यरंगाचे म्हणजे skit चे सादरीकरण झाले. यानंतर मग काय? अर्थात ठसकेबाज लावण्यांनी आणि सगळ्या अप्सरांनी लावण्या सादर केल्या आणि ढोलकीच्या तालावर अशा काही थिरकल्या की सगळीकडे फक्त टाळ्या...टाळ्या आणि टाळ्यांचा कडकडाट.

आणि ह्याच उत्साहात आणि ह्याच वातावरणात देवाला साकडं घातलं गेले ते गोंधाळाच्या रुपात. आपल्या कॉलेजच्या विद्यार्थ्यांनी गोंधळी साकारून देवीला अस्मिताच्या सोहळ्याला बोलावले आणि सोबत रंगभूमीचा गोंधळही सादर केला.

त्यानंतर अस्मिताच्या पहिल्या दिवसाला स्वल्पविराम लागला तो म्हणजे एका अप्रतिम कलाकृतीने म्हणजेच एकांकिका - ‘सिरिअल किलर’ ने. ह्या एकांकिकेने youth स्पर्धेत बाजी मारली आणि सर्वोत्कृष्ट अभिनेता-अभिनेत्रीचे द्वितीय क्रमांकाचे बक्षीस पटकावले. अशाप्रकारे पहिला दिवस अस्मिताचा पार पाडला आणि ह्या दिवसाचा महत्त्वपूर्ण क्षण ठरला तो म्हणजे प्राचार्य विजय जोशी सरांनी अस्मिता परिवाराचे दीपप्रज्वलनाच्या वेळी केलेले कौतुक जे यंदाच्या सर्व अस्मिता सदस्यांच्या लक्षात राहिले.

२० डिसेंबर २०१६

अस्मिताचा दुसरा अंक म्हणजे अस्मिता सोहळ्याचा दुसरा दिवस. ह्या दिवशी सप्तसूरांनी फक्त माहौल भारावून जातो. हाच दुसरा दिवस देवीच्या आराधनेने, आरतीने आणि तिच्या आशीर्वादाने सुरु झाला.

मग सुरुवात झाली ती कार्यक्रमाला. अस्मिता मधली सूर निरागस हो म्हणजेच solo singing ह्या स्पर्धेने सात स्पर्धक जणू सप्तसूरांप्रमाणे कार्यक्रमात मजा आणत होते. मग मात्र सुरु झाला अस्मिताची आण बाण आणि शान असलेला मराठमोळा वाद्यवृंद. ज्यामध्ये एकापेक्षा एक गाण्यांची मैफिलच जमली आणि त्यावर सादर होणारे नृत्य तर प्रेक्षकांना मेजवानीच होती. त्यात प्रेमगीत, सिरिअल पॅच, लोकगीत, कोळी गीतेही गायली जात होती.

ह्या दिवसाच दुसरं आकर्षण म्हणजे अस्मितामध्ये येणारे प्रमुख पाहुणे यंदाच्या वर्षी २५ वे वर्ष असल्या कारणानं सर्व माजी अस्मिता प्रमुख आणि त्यावेळची कार्यकारी सदस्यांची

विशेष उपस्थिती होती. ज्यांनी अस्मिताची सुरुवात केली, जपली, वाढवली आणि आज आपल्यापर्यंत ती पोहोचवली. अस्मितातले ते सगळे सदस्य आज वेगवेगळ्या क्षेत्रात मोठ-मोठ्या पदावर आहेत.

त्यांनी आमच्याशी मारलेल्या गप्पा, साधलेला संवाद, त्यांचे अनुभव. त्यांच्या तयारीच्या आठवणी यांमुळे जणू आधीचा अस्मिता सोहळाचं डोळ्यासमोरून गेला. त्यांनतर त्यांच्याच हस्ते बक्षीस समारंभ पार पडला. त्यांनी जिंकलेल्या स्पर्धकांचे कौतुक केलेच पण त्यासोबत यंदाच्या अस्मिता २०१६च्या कार्यकारणीचेही गोड कौतुक केले.

अशाप्रकारे कौतुकाचा वर्षाव होत, खूप साऱ्या क्षणांच्या आठवणीचा पेटारा घेत, थोडं मन हळवं होतं तर कधी आनंदी होत अशा वातावरणात अस्मिताच्या दोन्ही दिवसाची सांगता झाली ती पसायदानाने.

अशात अस्मिताच्या नवीन पर्वाला सुरुवात झाली. आता वर्ष २७ वे.

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Tarang (Junior College)

The Cultural Committee commenced the activities on auspicious occasion of Teacher's Day, 5th September by felicitating teachers by presenting flower and card. The function was organized in Seminar Hall and concluded by inauguration of TARANG banner.

The TARANG activities began on 14th December '16 and concluded on 20th December '16. The activities included competitions in various events like painting, mehendi, nail art, photography, best out of waste, quiz, personality contest, treasure hunt, rangoli, cooking without fire, dance and singing. The events were organized in room nos. 308 and 309, a few in Seminar hall of college and Dance competition in Engineering Auditorium. Senior in house teachers were appointed to judge the events and for singing and dance, we invited the judges from outside.

On 21st December '16, prize distribution was organized in seminar hall and the winners of various events categorized as solo and group and first, second and third and consolation in some events were given away by the Principal. All the winners and volunteers also received the certificates for their efforts.

On 22nd December, Annual Day was celebrated in Engineering Auditorium and Principal graced the occasion. The Vice Principal, Supervisors, Convener and Co-Convener were felicitated on this occasion and an excellent show was presented by the Junior College students.



Tarang Participants And Winners List

Date	Name of the Event	No. of Boys	No. of Girls	Name of Winners
14-12-16	Painting	01	08	1) AayushiPathak 2) NityaSashidharan 3) KhushbooChandan Consolation- Anuja Sawantbhirze 1) Dikshita Panchal 2) IshitaMaru 3) Krisha Shah
	Mehandi	-	16	
15-12-16	Nail Art	-	07	1) Ishita Maru 2) Nikita K. 3) Krisha Shah
	Photography	05	05	DSLR- 1) Henry John 2) Shubham Soni 1) Pratik Mahadik 2) Vedant Dharmanthi 1) Shakshi Shah 2) Akshita Hire
	Best out of Waste	1	11	1) Rituka Nakhwa 2) Dhruvi Shah 3) Anisha Charian Consolation- Revati Mahajan
16-12-16	Personality Contest	20	20	Riya Mekkatulam Henry John
	Quiz	12	20	1) Shweta Nair Salonee Velonde Chetan Jaishi 2) Dhruv Dagai Dharmesh Chawda Anish Parekh 3) Vikas Badatya Abhishek Mishra Jai Maru
17-12-16	Treasure Hunt	22	25	1) Shweta Nair Maitraiyi Dandekar Salonee Velonde Hiral Sheth
	Rangoli	-	09	1) Deepika J. 2) Dikshita Panchal 3) Pooja Y.

	Cooking Without Fire	01	20	1) Ishita Maru Siddheshwari Sapree 2) Dhruvi Jain Dhruvi Gori 3) Aishwarya B. Nikita Waghmare
19-12-16	Dance Competition	15	22	Solo 1) Bro Siddhesh Kamble 2) Bro Mahek Shah 3) Sis. Drishti Pandya Consolation- Bro Kunal Jadhav Group Zombie Attack 1) Aaditi Subhash 2) Krupa Bheda 3) Poonam Bhikule 4) Kaushik Chavan 5) Simran Rambhia 6) Sakshi Palghat
20-12-16	Singing	06	11	Solo 1) Rickson George 2) Jasmine Faras 3) Sagar Upadhay Consolation- 1) Vinit Singh 2) Himanshu Duet- Jasmine & Divya B. Instrumental 1st Yash Chheda 1st Revati Mahajan

★★★

Saptak

2016-2017 is the Saptak's 6th year. Saptak has become very popular amongst the students in the college and campus. As per the motive Saptak is creating an interest and awareness of the classical music amongst the students and the teachers of the college and Somaiya campus.

In this year on 18th January 2017, Saptak had performed 'Raag Pahadi' which had unfolded the beauty of Raag Pahadi in different forms at seminar

hall. All together 24 students had performed in this concert. The programme was highly appreciated by the audience and it left them spell bound. Saptak is awaiting to perform in coming years also. Principal Dr. Vijay Joshi, Convenor, Mrs. Savita Moghe, co-convenor Mrs. Smita Bhosale and all the committee members had taken great efforts to bring success to the concerts.

★★★

“Certificate Course in Bio-Physics”

Certificate Course in Bio Physics was started in the year 2012-2013, and is now established as a popular course in the Institute. Students from first and second year are eligible for this course. This year there was slight change in the implementation of the course. Instead of two semester course, it was conducted as single module course with one internal and one semester end examination. There were 15 students enrolled from F Y B Sc this year.

The research trends are already heading towards merging of different branches of science. No longer can the biologist or physicists work in an isolated environment to work for some science problems. The interactions amongst different branches are unavoidable. The lectures were delivered by prominent Teachers and Scientist. The Course comprised of lectures, practicals, and Visit to Research institutes of repute.

The course started with the introductory lecture given on Thermodynamics approach to Living system, followed by lectures on Life at cellular level by Convener and Co Convener respectively. Initially some experiments were carried on Microscopes as students from Physics and Mathematics background are unaware of these instruments. Experiments on motility of microorganisms, staining of flagellum etc were conducted in the department of Micro Biology.

The lecture taken on Flagella: sensors and movers of cell, was well appreciated by all. The complex movement of flagella (complex 9+2 structure of flagella), beating movement of cilia, equivalent structure of dynamics of motion with Motor, route of signaling for motility, effect of change in length of flagellum on velocity of motion, torque produced etc were discussed.

The visit was conducted to Department of Bio Physics, Kalina on 10th January 2017. It was proved to be a treat for students. Students were very excited by the information and vast scope of the said subject that they were exposed to. In this visit, Dr.P M Dongre, Head, Department of Biophysics, University of Mumbai interacted with the students and gave them a brief idea of biophysics, and its use in various fields of science through a power point presentation. Then Mr. Bipin from the Department of Biophysics explained the students about the functioning of heart and how the Electrocardiography is done and how Electrocardiogram is recorded on a graph. He actually demonstrated electrocardiography to the students. Also three demonstration experiments were conducted for students on 1] Fluoroscopy machine, 2] use of electron microscope, 3] Electrophoresis.

The lecture on Electrical properties of neurons was conducted by Dr Aanand Amberdekar from SIES College and proved to be quite appealing to the students.

Students prepared for allotted topics and the Session of Group Discussion was conducted for students, in which students took active participation and also articles on the selected topic (like NMR, Nanotechnology, Blood related disorder, Pacemaker, Mathematical Bio-Physics, Thermodynamic approach to Bio-Physics etc.) were submitted. We are hoping that this Interdisciplinary course will improvise further in its contents to keep up with the developments in this field and many more students will be benefited from it.

Convener: Prof. Jitendra Pendharkar (Department of Physics)

Co Convener: Prof. Dr. Lolly Jain. (Department of Microbiology)

★★★

- When I was 5 years old, my mother always told me that happiness was the key to life. When I went to school, they asked me what I wanted to be when I grew up. I wrote down 'happy'. They told me I didn't understand the assignment, and I told them they didn't understand life. – John Lennon
- Fall seven times and stand up eight. – Japanese Proverb

NCC



NSS



Students tying Rakhi to police



Students tying Rakhi to police



Students demonstrating casualty mobilisation



Students demonstrating fire fighting



Fire fighting demo in the community



Exhibition



Stepping at the grass-root level



Cleanliness in the community

NSS



Demonstration for lab fire



Downward integration for academics in Dahanu



Leadership in action



Handover of material through **Share N Care**



Preparation of lab in Dahanu



Leveling of school courtyard in Dahanu



Awareness drive at Shivaji Park on 6th December



Awareness about health in Tribal area

ANNUAL DAY



PHOENIX (Intercollegiate fest)



SHRAVANSARI (Poem recital and Musical Performance)



SAPTAK – The Music Club



ASMITA (Regional Cultural Event)



TARANG KE RANG



Master and Miss Tarang 2016-17



Singing Competition



Dance Competition



Mehendi Competition



Rangoli Competition



Cooking Without Fire



Rangoli Competition



Cooking Without Fire



Annual Concert

SPORTS



Tejas Gawali in National level competitions (2016-17) has been **Bronze Medal** S.Y.J.C Student



Sagar Kharat Silver Medal University in Best Physique (M) 2016-17.



Israel Fernando Has Selected for All India University in Basketball Mumbai University Team – (National Level) (2016-17)



National Star of K.J.S.C.C. 2016-2017



Kirthika Krishnakumar Stood 1st In DSO Athletics Shot Put Competition and 4th State Level Competitions (2016-2017)



IQAC ACTIVITIES



Non teaching staff picnic at Shangrila resort



Health camp Medical Check up for Teaching & Non Teaching staff



Counselling lecture by IPH for non teaching



Open day

CDEM



Inauguration of CDEM program by Provost Dr. Rajan Welukar, Shri V. Ranganathan, Hon. Secretary, Somaiya Trust, Hon'ble Vice Chancellor Prof. Sanjay Deshmukh, Shri Samir Somaiya, President, Somaiya Trust, Mr. Prasad Shetty, Secretary, MMR EIS and Principal Dr. Vijay Joshi



Figure the participants with eminent panelists CSR executives from Jindal Steel, Tata Thermal Power Plant, and Mahindra & Mahindra along with Module Coordinator Dr. Prasad Modak.



The Panel Discussion with National Green Tribunal Lawyers Adv. Pravartak Pathak, Adv. Uday Warunjikar and Adv. Sadhana Mahashabde



Field visit to National Park, Borivali



Inauguration by Module Coordinators Prof. Shyam Asolekar, CESE, IIT Bombay, Dr. Sanjay Joshi and Principal Dr. Vijay Joshi and Dr. Sugandha Shetye, Program Coordinator



Visit to Sewage Water Treatment Plant at Walkeshwar, D ward.



Group Photo of the Participants for module on Water Management at Local Level

KUDOS TO OUR ACHIEVERS!



Jagruti Murbadkar stood 1st at Inter-Collegiate Level and Gold Medal All India University Competitions

Building dreams, one flex at a time

From sleepless nights on platforms to bodybuilding glory, 24-year-old shows how Mumbai is still the city of dreams

Sunshine Story

Continued from page 1

JAIISWAL fled his home in Jaipur, Uttar Pradesh, at the age of 11 and arrived in Mumbai with friends, with the hope of turning his life around. His family's financial condition was in the doldrums; his father was a small-time farmer and mother, a house help. Khushi, as always, welcomed the young man, but taught them tough life lessons too. In the initial days, they slept on the platforms of L.T. Strways in Bunder, they found odd jobs at small eateries.

Jai's luck began to turn after a paanwala took him to Sonalaya Vidyapeeth and got him a job as a cook in the college canteen. One day, he happened to visit a gym and found his life's calling among the tawny, grating bodies pumping iron with a vengeance. At 11, he began bodybuilding at a gym owned by a trainee...

...spent all his free time working on his body while competing at the Mumbai Suburban District Amateur Bodybuilding Championship, Maharashtra Kishore Centre, the YMCA and Maharashtra State 2017. Each victory reaffirmed his faith. The silver medal at the 65th National Fitness and Bodybuilding Championship 2017 was the crowning glory.

Jai, who continues to work at Sonalaya Vidyapeeth, says he wants to continue pursuing his passion by working part-time as trainer at a health club in Vidyapeeth.

"I took my own food to match the nutritional needs of a bodybuilder. But in supplements, I take my health care," says Jai.

Expressing his deep gratitude towards Sonalaya Vidyapeeth for his constant support, he says Sonalaya Sports Academy sponsored his participation in the national competition.

In Vijay Joshi, principal of KJ Somaiya College of Science and Commerce, he finds Jai's an inspiration for all. "I've never used his lack of resources as an excuse to not...

8
No. of months was to be

'Bodybuilding is my passion. Dating or marriage has never been on my mind. I have to support two brothers and a sister to safeguard their future'



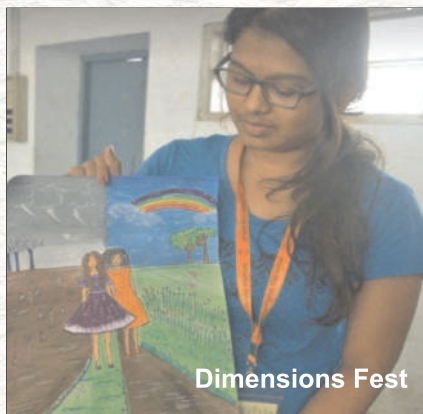
Student of The Year



The Times of India Speak for India



Shri S. V. Kulkarni memorial intercollegiate English elocution competition



Dimensions Fest



Dimensions Fest

Happy Women's Day



Inauguration by Smt. Amrita Somaiya, Trustee Somaiya Vidyavihar



Felicitation of Smt. Chandabai Tiwadi



Address by Smt. Amrita Somaiya



Performance of Bharud



Special Events

NAAC sponsored National Conference on Academic and Administration Audit

A two day National Conference on Academic and Administration Audit sponsored by NAAC was conducted on 13th- 14th January, 2017 at the K.J. Somaiya College of Science and Commerce. The objective of this conference was to bring together experts in the field of Academic and Administration Audit from education systems and industry to prepare the background for ISO certification. Eminent speakers from higher education institutes and industries were invited to give guidance from their valuable expertise. In all 40 participants attended the conference from Mumbai and other states outside Maharashtra.

The inauguration function of the conference began with the recitation of the campus prayer by Dr. Pradnya Prabhu, the Vice Principal and IQAC Co-ordinator of the college. This was followed by the welcome address by Principal Dr. Vijay Joshi. He welcomed the Chief Guest, Prof. Sanjay Deshmukh, Vice- Chancellor of University of Mumbai, Mr. V. Ranganathan, Hon. Secretary of Somaiya Vidyavihar, Prof. Rajan Welukar, Pro Vost, Somaiya Vidyavihar, the Heads of Institutes within the Campus, staff members and participants of the conference. Dr Joshi said that the IQAC activities were often mere rituals and not Quality Tools as they were expected to be. He assured the audience that the academicians and management professionals who were invited to deliver talks would give pointers which the teachers should imbibe to enhance the quality of education. He hoped that the two day conference would be enriching.

This was followed by lamp lighting and felicitation of the dignitaries.

The Chief guest in his speech greeted the participants on the occasion of Sankranti festival. He spoke about the transitions happening in our country at the social, economic and educational level. The transitions in the field of education were becoming challenging as the Institutes would not be supported by way of payment of salaries by the government and hence, the institutes would have to try to become self sufficient. He spoke about five trends in education system :-

- 1) Online learning, Machine learning, Big data, Make learning out of class.

- 2) Research- based learning
- 3) Personalization, customisation, contextualisation
- 4) Degrees would lose their dominance; instead specific short term courses would be on the rise as per demands of society.
- 5) Developing repositories wherein education can be taken up easily.

He further said that NAAC itself should revise its assessment model; for example- rural and urban assessment should be different. He concluded by saying that we academicians should strike a balance between access to education and quality of education.

This was followed by the release of souvenir commemorating the occasion.

The Pro Vost Prof. Welukar in his speech said that we should be open to third party audit and show willingness to accept questions and criticism. He expressed his views on the role of audit team and accreditation team being different and understand these processes. The teachers and administrators, he said, should have the courage to implement openness and inter disciplinary collaborations.

Shri V. Ranganathan, who presided over the inaugural function, in his address, enlightened his audience about the history of Audit. Audit is essential for sustenance of quality. He suggested certain measures as :-

- 1) Benchmarking against the best
- 2) Checking effectiveness of planned activities
- 3) Robustness of those practices
- 4) Innovativeness

He further said that the role of IQAC is not only preparing records for accreditation but it should be monitoring quality. He hoped that the outcome of the conference would be a template of quality monitoring.

The first invited talk was delivered by Mr. Swapnil Shinde, Global Product Manager, SA 8000 (Bureau Veritas Certification). He spoke about awareness of ISO. He began by conducting a quiz on ISO. He explained the hierarchy of the accreditation system as follows :-

The International Organisation for Standardisation

is a worldwide federation of National bodies. 163 countries are participating in ISO. The accreditation body is NABCB (National Accreditation board for Certification Bodies). He gave an insight into the birth of standards during World War II which led to the need to standardize the production of aircrafts. He then spoke about the 9000 series which came in 1987 and subsequent developments in the ISO series. He also explained about the PDCA approach- Plan, Do, Check, Act Cycle as a key tool in any management system which is necessary for sustainable success.

The second session was delivered by Mr. Paresh Mohile, Principal Consultant for INTME services for Pigging and electrical operations for oil and gas projects in Netherland. The title of his topic was Quality Assurance in higher education.

He explained in detail the concepts of quality, education, standards and their attainment and accreditation. He also spoke about ways and means of handling quality, Aspects of Quality Assurance. He explained the need for higher education and the importance of imbibing quality in higher education. He concluded his talk by explaining the relationship between quality assurance and accreditation.

The third invited talk was delivered by Dr. Shivani Patel, Head of Department of Biotechnology, Shri M and N Virani Science College, Rajkot. The title of her talk was Effectiveness of Quality Assurance in Higher Education. She began with the necessity for higher education and the need for quality in higher education. She explained the difference between quality assurance and quality improvement and spoke about several quality models like capability maturity model interpretation and TQM. She also explained seven basic tools of Ishikawa :-

- 1) Flowchart
- 2) Control chart
- 3) Pareto chart
- 4) Cause and effect diagram
- 5) Histogram
- 6) Checkout sheets
- 7) Scatter diagrams

She concluded by saying that the most important single thing in quality assurance is the determination to make it work.

Poster Competition :-

There were presentations of posters by

delegates. Out of these following posters were awarded:

- Shri Bhavin Joshi - M. D. Shah - 1st Prize
Mahila College of Arts and Commerce
Dr. Keya Doshi and Dr. Maya Bhat - 2nd Prize
- VES institute of Technology

On the second day, the first session was held by Mr. Krishnamoorthy of Strategy and Business Solutions.

Mr. Krishnamoorthy emphasized on knowledge as a powerful tool and added that it can be used for both construction & destruction. He also presented the idea of knowledge economy which would outline every other economy Mr. Krishnamoorthy elaborated concepts of knowledge and wisdom and also of Quality Management. Mr. Krishnamoorthy charted the criteria for quality management by connecting to academics in terms of course planning. In his systematic and lucid presentation, Mr. Krishnamoorthy elaborated on benefits of knowledge management and steps for implementation of knowledge Management.

The second session was held by Dr. M. R. Kurup, Secretary, Kelkar Education Trust on Academic Audit with different criteria and the weightage for each criterion. He stressed on the need for the management to have a performance audit and see if the expected outcome is achieved. He further added that audit report will help the institution to scale up and improve activities or revisit the vision/mission.

Dr. Kurup talked about a teacher as public servant who serves society ultimately, referring to the core value of NAAC – contribution to National Development. Dr. Kurup discussed the audit process to be conducted by setting audit targets and action plan. He discussed the different criteria and their weightage for the purpose of the audit which are curriculum, Curriculum Transaction, Evaluation, Research and Development, Infrastructure and Learning Resources, Student support and Innovation and Best practices. Dr. Kurup, in his presentation, gave examples/ initiatives taken by him during his tenure as a Principal at Vaze College and also from his experience as a NAAC assessor for last 20 years.

The post lunch session “Quality Principles of Academic Audit” was held by Mr. Navnath Pendurkar, specialist in quality, Risk Management etc.

In the interactive session conducted by Mr. Pendurkar he asked the audience their responses about definition of quality and the need to have a guideline while designing any process. He listed different processes in academics such as admission, evaluation, student support, research and development, placement and so on and explained to apply quality principles to them with examples. He stressed upon the need to lay down follow formal systems and also printed out that involvement of people is one of the most important factors in this process.

Mr. Pendurkar further emphasized the need to work collaboratively with participation of people, leadership and mutual beneficial relationship. He also discussed the Best Practices and need of continual improvement which will lead to achieve and sustain quality in an organization.

The valedictory session was graced by the provost , Vidyavihar campus, Dr. Rajan Welukar and

Principal Dr. Vijay Joshi. Dr. Welukar said that change is inevitable hence one needs to be equipped for the change. Hence the academicians need to be equipped for the academic audit. Dr. Joshi in his talk appreciated the efforts taken to organise the conference and that the participants were benefitted by it. He emphasized on sustenance of quality of higher education. Two participants expressed their views about the conference. Prof. Kalpana Patankar Jain gave a good feedback about the conference saying it has given a fair idea about the concept of academic audit. Dr. Sujeet Singh from Punjab said that the deliberations in the conference were very useful and that he will carry it to his institution and implement the knowledge gained from the experts.

Overall, the conference was appreciated by the participants due to the meticulous planning and the expert speakers.

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Capacity Development Programs in Environment Management

Organized by K. J. Somaiya College of Science and Commerce, Vidyavihar,
In collaboration with Mumbai Metropolitan Region -Environment Improvement Society
(MMR-EIS)

K J Somaiya College of Science and Commerce has been entrusted the responsibility for developing Capacity Development Program in Environment Management (CDEM) with a generous financial support of Rs. One crore for a period of five years by The Environmental Improvement society of MMRDA in April 2016.

Introduction: In order to meet the various aspects of environment management and improvement a series of training programs targeted towards diverse stakeholders, Environmentalists, Officials from Urban planning Dept. Municipality, District Collector, Architects, Engineers, Developers, Academicians, students, citizens, representatives from NGOs This Course has been designed and subsidized by the MMR Environment Improvement Society and Conducted by KJ Somaiya College of Science & Commerce, Mumbai, this Modular Course can be completed within one or two years, and a Diploma is awarded after an examination.

Objective: Objective of this program is to build capacity on practical implications of urban

development and planning policies for environment management.

Trainers: This program is conducted by subject experts from all over the country.

Pedagogy: Lectures, Presentations, Field visits, group presentations and self-study.

Modules: After consultation with several eminent environmentalists in the country, the five modules of five days duration namely, Approaches to Urban Ecology, Environmental Policy and Regulation, water Resource management at Local Level, Integrated Solid Waste Management, and Green Built Environment were designed and conducted at Somaiya Vidyavihar.

Structure: Five modules as mentioned above. A student may apply for either or all of the above modules and complete them over a maximum of two years. Each module requires physical attendance at Mumbai for a week. Students have to give presentations/written assignment. Those who attend only the individual modules are awarded a certificate of participation for that module. For Diploma students who appear for all five modules, exams are held every

year and a diploma is jointly awarded to successful participants by KJ Somaiya College & MMR-EIS.

Inauguration of Capacity Development Program in Environment Management

CDEM Program was formally launched on August 27 by Honourable Vice Chancellor University of Mumbai Prof. Sanjay Deshmukh on August 27, 2016 .

Module 1 : Environment policy & Regulation

The first Module “**Environment policy & Regulation**” was conducted during 26th Sep. – 30th Sep.2016.The Module Coordinators for this program were Dr. Prasad Modak (Director EMC), Adv. Pravartak Pathak (Adv. Bombay High Court). MS Lucille Andrade (EMC LLP)

At the outset Dr. Prasad Modak, Director Environment Management Centre introduced the concept of sustainable development, ecosystem services and natural resources along with the associated environmental issues like climate change to set the context. Experts from Maharashtra Pollution control Board, National Green Tribunal, NGOS and Corporate sectors interacted with the participants on several topics related to environmental law and National Environmental policy, rules and regulations related to air and water pollution, land use Requisition and Rehabilitation (LARR), waste management, CRZ, environmental clearance, Market based mechanisms etc during this five day program.

Adv. Raghunath Mahabal engaged participants in his lucid lectures on evolution of environmental law through several case studies. Adv Uday Warunjikar, Adv Sadhana Mahashabde presented the legal remedies for environmental protection and elaborated the role of National Green Tribunal through several case studies. A panel of CSR experts in major industries like Tata Thermal power plant, Jindal Steel and Mahindra and Mahindra was invited to discuss their initiatives towards sustainability.

Module 2: Approaches to Urban Ecology

The second Module “**Urban Ecology**” was conducted during 17th Oct. -21st Oct 2016.The Module coordinators were Mr.Prashant Mahajan (Director & Learning Catalyst, Somaiya Centre For experiential, learning.) and Shri Rishi Aggarwal (Environmental Activist).This module was designed and developed by Mr.Prashant Mahajan, Dr.Sugandha

Shetye and Mr. Rishi Aggarwal .

The no. of participants for this module was 25 .

The concept of Urban ecology was introduced for the first time through this program. This module was designed to introduce the role of ecological services offered by national parks, sanctuaries, mangroves, gardens and open places to the citizens in Urban region and the increasing pressure for acquiring lands on these places due to inadvertent development plans of the cities.

Senior Architect Shri Ravindra Punde and Ar.Shweta Wagh elucidated the role of ecology in town planning. The participants were introduced to citizen Science program by Mr. Prashant Mahajan for saving the areas rich in biodiversity in urban regions and creating awareness of the ecosystem services offered by these places .Eminent resource persons like Dr. Himanshu Kulkarni, Executive Director ACWADAM introduced the effective management of surface and ground water resources.

Dr. Himanshu Burte, from Tata Institute of Social Sciences discussed the international efforts related to development of smart cities with case study on Curitiba city.Mr. Rishi Aggarwal, Environmental Economist reflected on the issue of waste management and developmental plan of the city. Dr. Behnaz Patel provided solutions to urban biodiversity in the form of rooftop gardening, vertical gardening, kitchen gardens and terrace green houses.

A two hour nature trail in Sanjay Gandhi National Park was conducted by Senior citizen MS Reneey Vyas to introduce the wealth of ecosystem services offered to citizens by this national park. It was followed by a panel discussion with Forest officers, representatives from NGO actively working to protect the forest from potential pressure due to new development plan of the city and Activists like Mr. Stalin struggling for the citizens right to ecosystem services and the consequent issues related to man animal conflicts was arranged. Mr Rishi Aggarwal explained the intricate socioeconomic and ecological concerns involved in the implementation of development projects like Metro car shade at Aarey Colony on the site selected for the project.

The adult learning pedagogy used by Module coordinator Mr Prashant Mahajan in this module was quite effective. The participants were asked to reflect on the topics they were introduced by way of writing,

discussion. An action plan and detail feedback was submitted by all of them at the end of the workshop.

Module 3:Water Management at local level

The third module on “**Water Management at local level**” was conducted during 28th Nov.-2nd Dec.2016. The Module coordinators for this module were Well known Environmental engineer from IITBombay, Prof. Shyam Asolekar (**CESE, IIT Bombay**) and Dr. Sanjay Joshi (Director, Envirovigil). This Module was designed & developed by Prof. Shyam Asolekar, Dr. Sanjay Joshi & Dr. Sugandha S. Shetye.

Since water management is major socioeconomic as well as environmental issue in the cities, we invited eminent sociologists from Tata Institute of Social Sciences (TISS) and enginners from IIT Mumbai to develop this course. Dr. Shyam Asolekar introduced the concept of water management at local level in his lucid speech at the outset. Hydraulic engineer Mr. Argade from Municipal corporations of Greater Mumbai, IIT Bombay, elaborated the process of water supply and distribution to citizens with lot of challenges involved in it. Environmental Consultants

Dr. Prasad Modak explained the challenges and opportunities involved in industrial waste water treatment. Mr. Mayuresh Bhadsavle from TISS illustrated the habitat studies on fresh water lakes in Thane city while Dr. Chandrashekhar Joglekar illustrated how the standards for drinking water and waste water are established by the state and central pollution control boards of various countries. A variety of natural technologies like constructed wetlands, Phytorid developed by IIT and NEERI were narrated by Dr. Shyam Asolekar and Mr. Avick Sil.

Participants visited Bhandup Water Treatment plant to learn about the water treatment, supply and distribution in the MMR region. Another visit was arranged to learn about the initiatives by local government bodies at ward levels for sewage water treatment using the technology developed by IIT Bombay at Walkeshwar, D ward. The participants from varied backgrounds like research scholars, engineers from Municipal corporations of Greater Mumbai MCGM, CIDCO and pollution control staff from Thane Municipal Corporation, Architects and environmental Science students.

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Vigyan Yagnya Report

Vigyan Yagnya, a science exhibition, was held from 7th to 10th December, 2016 at Somaiya Vidyavihar Campus.

About 380 students from Junior Colleges and 200 students from senior colleges of Somaiya Vidyavihar participated in the event showcasing a total of 103 projects from Junior Section and 75 projects from the Senior Section, thereby covering all the Somaiya Vidyavihar Institution.

15 National organizations participated in the exhibitions by demonstrating their ongoing research work and projects in the organization and information about their own field and the research work undertaken by the institutes. 10 other Institutes participated and displayed their abilities.

Shri Sharad Patil, Joint Director (RUSA) was the Chief Guest, Shri Sameer Somaiya, Provost Dr. Velukar, Principal Dr. Vijay Joshi and Dr. Sunderajan graced the occasion and visited the stalls and saw the projects put up by the students.

A grand total of 2165 visitors comprising of more than 30 schools from all over Mumbai and about 20 colleges from parts of Mumbai visited the event.

This is a testimony to the growing popularity of this event and the interest it generates amongst the student fraternity.

BARC conducted a written quiz competition on “Indian Nuclear Energy”, where in the first prize was won by Ajay Rajbhav, second prize by Priti Naidu and third prize was won by Parag Verma.

The exhibits put up by students were judged by the distinguished panel of experts from various fields. The panel comprised of Dr. Anita Nadkarni (ICMR), Dr. Jyoti Vora (Ruia College), Dr. Vandana Pradhan (ICMR), Retd., Prof. Nutan Navalkar (KJSSC).

The list of prize winning projects from Vigyan Yagnya is as listed hereunder:

1st prize: “Bio-pesticide From Bio-waste” by Deepa Mehta, Mayur Iyer, Sakshi Umrani, Kajal Tawade, Shirin Siddique

2nd prize: "Portable Windmill" by Chetan Bangera, Mithil Gangar, Swarup Jain,

3rd prize: "Hand for Handicapped" by Sakshi Desai, Khush Chudasama, Rishabh Dubey, Yogita Jyotiram

4th prize: "Magical Chemistry" by Ekta Thakur and Iram Surve

Consolation prize 1: "Biofuel from Thalloids" by Yadav Saurabh, Yadav Mohit, Shaikh Anusha, Rajpurohit Ranju

Consolation prize 2: "Morse Code Messenger" by Chiraj Jain, Karan Lia, Ashotosh, Dhruv Ganatra

The event was a resounding success as evidenced by the number of visitors. The daily break-up of visitors is 597 on 7th Dec; 624 on 8th Dec; 445 on 9th Dec; 599 on 10th Dec.

Media coverage: Vigyan Yagnya was covered by the TV Channel "Zee 24 Taas".

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94th DAE-BRNS IANCAS National Workshop on Radiochemistry and Application of Radioisotopes

The 94th DAE-BRNS IANCAS National Workshop on 'Radiochemistry and Application of Radioisotope' was organized by the Department of Chemistry and Department of the Physics, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai in association with IANAS (Indian Association of Nuclear Scientists and Allied Scientists) from 16th to 23rd January, 2017. The coordinators of the workshop were Dr. Tapas Das, Head, Radiopharmaceutical Chemistry Section in Radiopharmaceuticals Division, BARC and Dr. Sugandha Shetye, Dean, Academics, K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai. The 88 participants of the workshop include outstation participants, faculty, research scholars and M.Sc. students attended the workshop enthusiastically. The program started with the inaugural function and the chief guest of the function was Dr. A. V. R. Reddy, President, IANCAS. The sessions started with lectures on 'Nuclear Stability & Structure' and 'Radioactivity and Nuclear Decay' by Dr. A. V. R. Reddy, President, IANCAS. These sessions were followed by 'Introduction to Experiments' by Dr. Dutta, BARC. The second day of the workshop comprised of lectures on 'Interaction of Radiation with Matter' by Dr. Dutta, BARC and 'Radiation Detection and Measurement' by Shri. T. P. Chaturvedi, BARC. The afternoon sessions were Practicals on Radiochemistry experiments conducted by Dr. Dutta and team. On 18th three lectures on 'Nuclear Reactors' by Shri Ashok Kumar, 'Production of Radioisotopes' by Dr. Sudipta Chakraborty and 'Health and Safety Aspects' by Dr. R.K. Gopalakrishnan were conducted. These sessions

were followed by Practicals on Radiochemistry experiments. The two lectures on 'Radioisotope Applications in Health Care' by Dr. Tapas Das and 'Nuclear Analytical Techniques' by Dr. R. Acharya were the main highlights of fourth day of the workshop which were followed by the session on 'BRNS Activity & Collaborations'. In the afternoon sessions, practicals were conducted. Dr. S. Gautam. The fifth day sessions started with Dr. S. Gautam's lecture on 'Radioisotope Applications in Food and Agriculture' which was followed by Shri. T. V. Vittal Rao's lecture on 'Setting up of a Radiochemical laboratory'. Dr. Sujit Tandel delivered his lecture on 'Nuclear Structure and Stability of the heaviest elements: A journey towards the highest shell'. The last day of the workshop had two lectures on 'Radioisotope Applications in Industry and Chemical Research' by H. Pant and 'Nuclear Reaction & Fission' by Dr. B. S. Tomar and a quiz competition in which all the participants took part very actively. The workshop concluded with a valedictory function in which Dr. B. S. Tomar was the chief guest. During this function, few of participants expressed their views and gratitude towards organization of this workshop. During the valedictory function participation certificates were distributed to the participants and also cash prizes for the quiz competition were given to the winners. Dr. Sudipta Das and Mrs. Ranjana Shukl proposed vote of thanks on behalf of BARC and KJSSC team respectively. Dr. B. S. Tomar handed over two instruments, G. M. Counter and NaI-TL Scintillation Counter to college, which will be useful to set up new courses in Nuclear physics and Nuclear chemistry in future.

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Autonomy Review Meeting



Vigyan Yagna



Inauguration by chief guest Shri. Sharad Patil (Joint Director, RUSA)

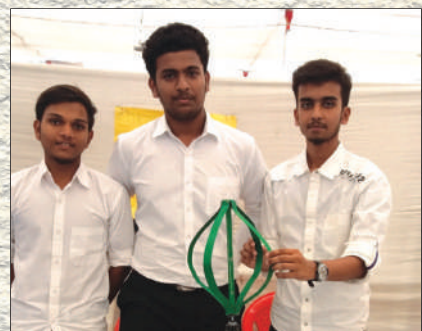


Students explaining exhibits

Interaction with students

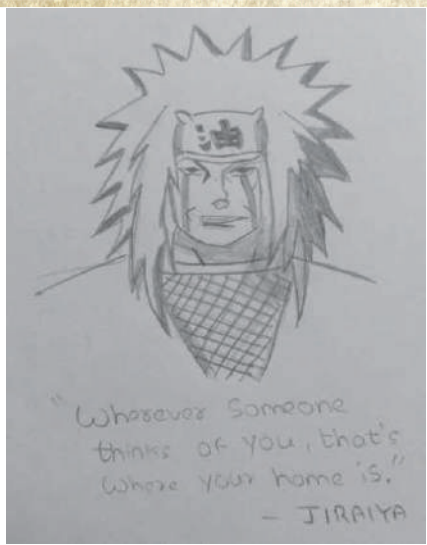
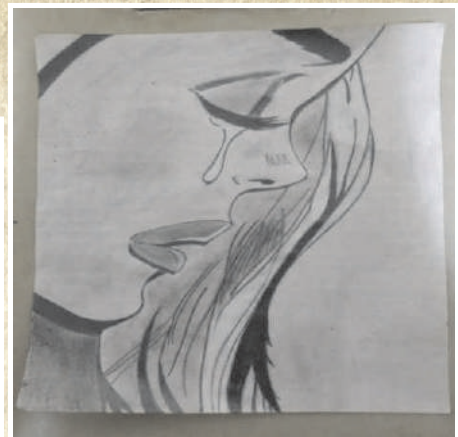


Nitro Show



Nitro Show Prize Winners

**“We don't take photographs,
we make them”**



Students of Junior College