

संस्कृती

२०१७-१८





NAAC Sponsored National Conference on Curriculum Design and Evaluation 12-13th January 2018.



National Workshop - Train The Trainer on Flipped Learning (23rd - 26th April 2018) Organized by Prof. Vasudha Kamat in collaboration with K. J. Somaiya College of Science & Commerce and Connect Dots Consultancy and Training, Pune.

National Conference on GST & Indirect Tax Reform and its Impact on Economy



Department of Commerce and Department of Economics organized a Two day National Conference on GST & Indirect Tax Reform and its Impact on Economy on 29th and 30th November 2017.

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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 सूनुतानां 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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Sanskriti

2017-18

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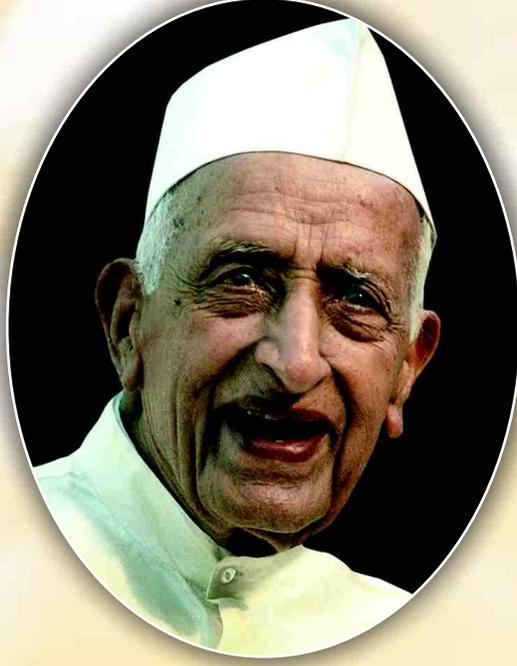
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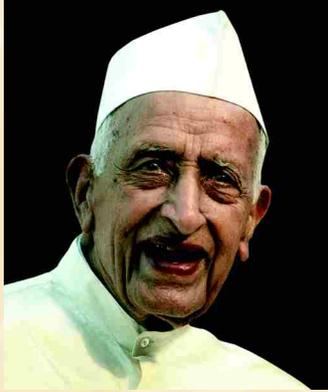
Our Founder



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**



**Secretary, Somaiya Vidyavihar
Lt. General Jagbir Singh**



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

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

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



From the Principal's Desk

'Vision looks inward and becomes duty, Vision looks outward and becomes aspiration, Vision looks upward and becomes faith.'

Motivated by the vision of our founder, Padmabhushan Pujya (Late) Karamshibhai Jethabhai Somaiya, the institute is constantly on the march towards success in the academia and other arenas of growth. The recognition conferred by UGC as Center with potential for Excellence is indicative of the zeal of the staff and students of the institute. We have entered into the second cycle of autonomy with wings of experience and enthusiasm built on our experiments with curricula, project based learning, implementation of teaching pedagogies and innovations in evaluation.

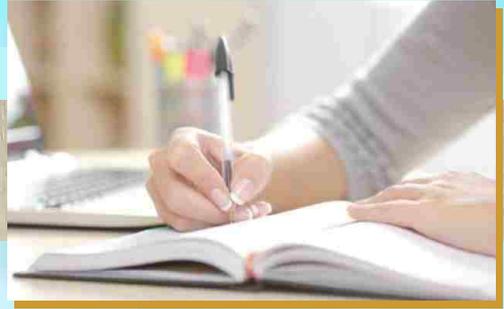
The 21st century is an age of collaboration. Collaboration is the key element while the Somaiyaites are learning to know, learning to do and learning to live together and learning to be. The students participate in intra class projects, intra-collegiate and inter-collegiate competitions arranged by all the departments of the college, Cultural forum and various other committees. They interact with people from different realms of careers through distinguished guest lectures.

All actions result from thought, all thoughts originate in mind, the mind and heart enable us to pen them and it is then-these thoughts soar as actions. In this 'Sanskriti', you will also discover a wealth of contributions from the students and faculty in the form of useful and interesting write-ups and other materials. It is just not the text but the splendor of pictures and images within the pages that speaks volumes about the enriching events, activities and celebrations held in the precincts of the college.

The fruition of the magazine has in its background the untiring efforts of the assiduous Magazine team who ensured that 'Sanskriti' remains current and vibrant. Special appreciation for them all!

*Dr. Pradnya Prabhu
Principal*

Editorial...



We cannot always build the future for our youth, but we can build our youth for the future.

...Franklin D. Roosevelt

This is indeed a very strong statement which speaks volumes about the youth of today. Science and technology have undergone a metamorphosis in recent times, providing the world with opportunities. The future of our youth is very bright but that's not all. As Roosevelt aptly puts it that we can build our youth for this future. The only way through which this can be done is education.

Education of the youth paves the way for future developments in every field. The educated youth is a blessing to the society releasing it from shackles of ignorance.

The role of an educational institution is to bring out the best in the young students. This endeavour shouldn't be restricted to academics alone. The voice of the students can be felt through a powerful platform such as the college magazine, where students can express their views and opinions.

We, bring out this issue of the magazine with such powerful insights and also highlight the various milestones our college has achieved this year.

I express my gratitude to our Principal, Vice Principal and the Deans for their support and guidance. I also thank the editorial board for their co-operation.

- 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

Research Based Learning

Dr. Jitendra Pendharkar

Assistant Professor
Department of Physics

The journey of education at under graduate or post graduate levels is highly guided by limited and closed curriculum and aimed at getting good grades and it ends here. Whatever may be the curriculum, it is always outdated as the rate of change of technology, general protocols and market needs, which are tremendous.

This will make it clear that the topics we use our syllabus may not be of direct use to us when we proceed for getting a job or self employment. At the same time if we observe the attitudes or beliefs and self confidence of students, this comment is found to be relevant!

Is there any scope for changing this belief? And My answer is Yes! If we follow the Research Based Learning.

By Research Based Learning, I mean active learning by students. While studying different topics

from a given subject in Science, it is important to consider different variables and co relations of these variables with each other. The concepts should be clearly understood and if not one needs to work on them.

Now with the present knowledge, students are expected to ask open ending questions which they observe in their surroundings and try to found the solutions. The study in this case, will be student driven instead of curriculum driven. This will enable the student to think independently, to find possible variables in the problem and to find possible co relations between them.

These qualities will help students to excel in their future endeavor. It is not the syllabus but these research based learning that student will take with them.

Pondering thoughts !!! Who am I ???

Dr. Shailaja S. Menon

Biology Dept.

It is indeed a soul searching question which we can never complete in connection with the material understanding. Spiritually speaking, **'am not this body but a spirit soul'**, part of the Super soul, the Lord Almighty. In all faiths of the world one point is common, joining the Super soul at the end. Some stories in Mahabharata say the forgetfulness of mankind in this material world. Because of some great sage's curse, even Indra had to take birth as a Hog who thoroughly enjoyed his life, ultimately he had to be reminded that he is the King of **Devas** and it is time for him to return to his original abode. Material world is so powerful which will entangle the conditioned souls in this miserable world. The only way to break the shackles of Maya is to remember Krishna, day in and day out. I would like to call Him as **Krishna**, you may call Him as **Jesus**,

Allah, Vahe Guru, Budha or Jinendra as per one's choice, but don't fail to take His name . Kaliyug, where we all are living is an important yuga for liberation. In Satya yuga one had to do **'Tapassya'** for millions of years to get salvation, In **Tretayuga** one was expected to perform **'yagnyas'** such as **Ashwamedha** and to perform so much austerities. Dwapara yuga was meant for deity worship and Kaliyuga is bestowed with **'Naam sankirtan'**. There is no difference between the name of God and God Himself. The potency of God is resting in His name too. Ancient history says the reasons for this. Satya Yuga was the time of truthful people and utmost peaceful atmosphere to perform meditation. It was an era of purity.. People were living for the well being of mankind. As the rule of nature, nothing is permanent in this world, it gave way to the next yuga.

We could see the creeping in of **adharma**. People were not so pious and there was development of anger and anguish. In **Dwapara yuga** people were more aggressive and we all aware of the ill fated war of Mahabharata between the cousins for maintaining their false ego. Kaliyuga, an era of hypocrisy is the worst period which is supposed to be ended with another '**pralay**' where the oceans devour this Universe. As per **Gitopanishad**, it is only six thousand years have passed. Now itself the life is so uncertain, what would be the nature of people at the end of this yuga? It is beyond our imagination. Hence it is very important to employ our senses in the name of God. **Example: Employ eyes for seeing the beautiful pictures of God, hear about one's dear God etc..**

At this juncture I remember a verse from Brhan-naradiya PuraG a [38.126].) It says "Harer nama harer nama harer namaiva kevalam kalau nasty eva nasty eva nastyeva gatir anyatha:" It means, "Harinama, Harinama, Harinama is the only and foremost means to achieve emancipation. There is no other way, no other way, no other way in this age of Kali".

Small little things one can follow in day today life.

- As donation you give only food, as it gives satisfaction to both the giver and takers.
- Address people with God's name.[Both will take His name without your knowledge]
- Don't take the credit of anything happening in your life as we are so ignorant that without that Superpower's wish not even a blade of grass will move.
- Always have Prasad.[food cooked and offered to God and partaking His remnants.] It eliminates our accumulated sins [knowingly or unknowingly]. This will remind us to cook satvik food. We are famous for our hospitality,['Adithi devo bhava' - This mantra is from the Taittiriya Upanishad], God visits our home as a guest, hence it is mandatory to welcome Him with all pomps.
- Over eating is forbidden [which will take us to 'nidravastha']. Food should be consumed just to keep one's body and soul together.

- One can't avoid doing his/her prescribed duty. [work should be done as an assignment from God]. All are not getting the benediction to serve, only the fortunate one gets it.
- It is always better to stick to our own assigned duty rather than doing others making them lazy.
- Any performance should be for the happiness of Almighty, hence we are not eligible for the result of our work.[If we claim the proprietorship of any of our act we are infact stealing the credit of God.]
- Always remember to get out of the cycle of birth and death as all the 4 pillars of this cycle is painful [birth, old age, disease and death,].
- Even demi gods want to take birth in this yuga as the life span of individuals is very short, and if we make use of it with our inherent consciousness one will surely get out of this life with a short and sweet way, chanting the holy name and get back to our own place.
- Newton's third law [For every action, there is an equal and opposite reaction']. It is a discovered fact which was very clear and loud in the epics and puranas. Every action you perform there is a reaction to follow.
- Ignorance of laws won't permit one to perform bad deeds. One will be penalized for the wrong deeds in this life only.

All these thoughts are giving me a picture of a central prison [this world] where so many prisoners are under going terms according to own sins. Good deed will surely give you parole but one should be extra careful to avoid bad deeds. We got this life, the most evolved species of the universe, after going through so many births. We are intelligent to differentiate things. Our duty is to understand our position and work according to what is expected of us.

My thoughts are getting wild.... As one has to respect the space allotted to express, am stopping it here... with good wishes to all.

HARE KRISHNA

Gods in Disguise

Priyanka Khatwani

F. Y. B. Sc.

There are over 33 crore deities in the Hindu mythology each having its own significance and giving us an important lesson in life to follow.

Lord Krishna taught us to do our karma, without asking for result. That our duty is to follow our Karma. Also his history can also be tracked to improve business management.

Lord Ram took the law abiding life with elegance and poise even when he himself was faced with 14 years of hardship.

Lord Shiva taught us to be in self control and focused and suck the negativity of life, even when he drank the Vish for others.

Lord Hanuman, the ardent devotee taught us to keep undisputable faith and in fact, he is the first man in the history to perform SWOT analysis!

What I mean to say is, the Legends of the past have left us a legacy to follow. But what has turned of it? The science behind changing the rules turned into mere rituals. Instead of following footsteps, we just pray and hope they would help.

There is often dispute between men whether these characters of mythology existed or not. Tell me, does it matter? We have so much to learn, tap so much power!

Whatever we need to know is in those history books. The way of life, way to happiness, way to ordered society is in our own history or mythology, whichever term you prefer.

Isn't every development, a miracle? If you would tell a man from 100 A.D about something as simple as a car that could travel a distance of kilometers in mere minutes, wouldn't he slap you to get into your senses?

Yet here we are today living in the midst of ground breaking development but we have stopped! When was the last time you heard of a discovery that shook the ground beneath you? Something huge?

We pray and pray hoping something to happen never realising its us that has to make things happen. **WE ALL HAVE GODS IN DISGUISE FOR WE HAVE THE POTENTIAL TO ACHEIVE THE UNACHIEVABLE.**

Tap those books are rediscover what has been already taught to us, but forgotten in those yellow pages. Rediscover the potential that we term it as miracle and you would find what you wished for, what every man wishes for his whole life.

◆◆◆

“In Remembrance”

*When we close our eyes we can hear your sound,
When we open our eyes we can see you around,
your thoughts and talks are still heard by us,
your memories and time spent with you are still
cherished by us.*

*Your laughs, your voice, your words, your taunts
are so dearly missed by each one of us
your friends, your family, your well wishers,
your neighbours*

*are still so shocked by the news that you
ain't there with us.*

*No celebration is complete without you
our lives are so incomplete without your
you are so dearly missed by each
one of us.*

*Oh dear mama hope you were there
with us!*

- Aditi Subhash
XII Science

◆◆◆

A Lost Friend

*Digged down I, in my pensive thought,
Shadows of your soul, when my eyes had caught,
To relieve me from this pain, down you wee descend,
Since my heart is longing, for an old lost friend*

*My eyes have swollen in your tears,
Weeping and wanting you all these years,
My heart feels you, you are there,
Then my mind leaves me dreacy, when I search you every heres*

*In the dejavu, I am thrilled and filled with joy,
Just like a lad, for his lost toy,
Because I find you back in those pleasant days
Whether it was studying together or in our plays
I wanted to take your hand and hug you untile
Lay I was down, broken, withered and still
That I had forgotten the world around me and you
My senses had brought me to your inexistence too.*

*I wept and wept for the very last time,
When your sweet, still sound, echoed in my mind,
"Don't search me amonst the dead, my friend,
I'm always with you, till forever meets no end!"*

“Remember those Days....”

*Two pairs of shoes, two pairs of dress,
School bag was heavy but there was no stress.*

*Waking up was hard, Dressing up was pain,
Milk was must, mom asked, “bournvita or plain?”*

*Late to Assembly, Eyes searched the gang,
Smiles meant high five, lips read a slang.*

*Classroom was circus, Teachers called rude,
Lunch break went hungry, as we already ate the food.*

*Pencil was a knife, scale was our sword,
We played stupid games, when we all got bored.*

*One Crush per day, One teacher ,very hot ;
Making sweet puppy face, when we get caught.*

*Oh! School my school you make me Smile,
Hey classmates let's go again for a while.*

**Vijay Panchal
SYBCom**

Sting of Death

*Through the darkest hours of slumberness,
In the appalling dire of hopelessness,
When time is racing faster than the heart best,
And steadily, the cold is getting over the heat.*

*Resisting and fighting till the last breath,
But nothing can overcome the Sting of Death
The greatest and gruesome truth of life,
Very hard to accept and deny its strife*

*Wherever it comes, comes the somberness,
Carrying along the melancholy of darkness,
The path it follows, becomes dreary,
Every way coming its way, goes teary.*

*No wealth and power can stop this demise,
It siezes everyone, whether fool or wise
No one can escape its lines of fathem,
All who tried, have quelled in its storm*

- Ashish Karotiya
TYCS

Your mind should be only on the target

In America, Swami Vivekananda was watching some boys. They were standing on the bridge trying to shoot at egg-shells that were floating on the river, but they always missed the target. Swamiji took the gun and aimed at the shells. He fired twelve times and every time he hit an egg-shell. The boys asked Swamiji: 'Well Mister, how did you do it?' Swamiji said ' Whatever you are doing, put your whole mind on it. If you are shooting, your mind should be only on the target. Then you will never miss. If you are learning your lessons, think only of the lesson. In my country boys are taught to do this.'

If I have the belief that I can do it, I shall surely acquire the capacity to do it even if I may not have it at the beginning.

- M.K. Gandhi

My Love is my Loneliness

*I count the days back, when I laughed out so loud,
It seems years have passed, when I thought about,
That I have even forgotten to smile in my happiness,
Then my heart tells to me
My Love is my Loneliness!*

*Alone, I stand amidst a thousand, crowds,
Wearing my lonesome, like a corpse's shroud,
Now my life leaps towards the desolation of darkness
And with my diuro, I sing the duet
My Love is my Loneliness!*

*Living in the abandons of anguish and agony,
Have made my life tormented in the throes of solitary,
And in my excruciating dreary of hopelessness
Tell my soul to me
My Love is my Loneliness!*

*Even my echoes and my shadows have refused to know me,
Now neglected I live in the deepest unknown of sea,
But still in my bitter, badder and void emptiness
My mind reminds me that
My Love is my Loneliness!*

*My life has become sequestered like a reclused hermit,
Isolated in the barrens of a deserted clift,
And finally then I end my life in this pang and spasm of helplessness,
My tast hymn, for the last time I sing
My Love is my Loneliness!*

- Ashish Karotiya

TYCS

(The above two Poems are published posthumously)

When we tackle obstacles, we find hidden reserves of courage and resilience we did not know we had. And it is only when we are faced with failure do we realise that these resources were always therewithin us. We only need to find them and move on with our lives.

- A. P. J. Abdul Kalam

If I have the belief that I can do it, I shall surely acquire the capacity to do it even if I may not have it at the beginning.

- M.K. Gandhi

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 निश्चिंतीला
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 वाङ्मय मंडळ

लाभले आम्हास भाग्य बोलतो मराठी
जाहलो खरेच धन्य ऐकतो मराठी
धर्म, पंथ, जात एक जाणतो मराठी
एवढ्या जगात माय मानतो मराठी

कवि सुरेश भटांनी मराठी भाषेचे किती सुंदर वर्णन या ओळींतून केले आहे. विद्यार्थ्यांतील विविध कलागुणांना वाव देण्यासाठी क. जे. सोमैया विज्ञान व वाणिज्य महाविद्यालयातील मराठी वाङ्मय मंडळ दरवर्षी विविध स्पर्धांचे आयोजन करत असते. उदा. अभिनय स्पर्धा, काव्यवाचन स्पर्धा, वक्तृत्व स्पर्धा, निबंधलेखन स्पर्धा, सुंदर हस्ताक्षर स्पर्धा इत्यादी या सर्व स्पर्धांना विद्यार्थ्यांनी उदंड प्रतिसाद दिला.

विजयी स्पर्धकांची नावे खालीलप्रमाणे आहे.

अ) काव्यवाचन स्पर्धा :

- १) प्रथम क्रमांक - स्वप्निल मा. पाटील, FYJC, A
- २) द्वितीय क्रमांक - १) प्रथमेश यु. माडेकर, SYJC, A
२) ऋषिकेश कुलकर्णी, FYJC, A
- ३) तृतीय क्रमांक - सुखदा सु. कणसे, FYJC, A

ब) काव्यवाचन स्पर्धा :

- १) प्रथम क्रमांक - प्रथमेश य. माडेकर, FYJC, A
- २) द्वितीय क्रमांक - वेदिका जावकर, FYJC, G
- ३) तृतीय क्रमांक - प्रतिक्षा साळुंखे, SYJC, J
- ४) उत्तेजनार्थ - स्वप्निल मा. पाटील, FYJC, A

क) वक्तृत्व स्पर्धा :

- १) प्रथम क्रमांक - ऐश्वर्या मुळये, SYJC, A
- २) द्वितीय क्रमांक - प्रतिक्षा साळुंखे, SYJC, J
- ३) तृतीय क्रमांक - स्वप्निल मा. पाटील, FYJC, A
- ४) उत्तेजनार्थ - सोनाली येवते, FYJC, B

ड) निबंधलेखन स्पर्धा :

- १) प्रथम क्रमांक - साक्षी रा. धनावडे, FYJC, A
- २) द्वितीय क्रमांक - श्रुतिका र. पाटील, FYJC, A
- ३) तृतीय क्रमांक - श्रद्धा सु. परब, FYJC, I
- ४) उत्तेजनार्थ - अनिता ह. सोमपूर, SYJC, J

इ) सुंदर हस्ताक्षर स्पर्धा :

- १) प्रथम क्रमांक - अक्षता शं. सानप, FYJC, B
- २) द्वितीय क्रमांक - रेणुका र. घडियाळजी, FYJC, A
- ३) तृतीय क्रमांक - स्वाती दा. भदर्गे, FYJC, D
- ४) उत्तेजनार्थ - आकांक्षा वि. सुर्यवंशी, FYJC, B



माणुसकीचे शिक्षण

मुकेश सुमित्रा सदाशिव मसुरकर

प्रयोगशाळा सहाय्यक

(इलेक्ट्रॉनिक्स द्विलक्षी विज्ञान विभाग)

भारतीय संविधानाचे शिल्पकार, राज्यघटनाकार, अद्भूत विद्वतेचे दर्शन घडवणारे भारतरत्न डॉ. बाबासाहेब आंबेडकर यांनी बहिष्कृत समाजातील तरुणांना संदेश करताना म्हटले होते की, 'करणे करेगा तो नर का नारायण बन जायेगा' हा उपदेशच सर्व काही सांगून जातो. अशा या अनेक उपदेशांनी मनुष्याने प्रगती, विकास केला खरा, पण कुठे तरी आज 'माणुसकी' मात्र हरवत चाललेली दिसते.

थोर विचारवंत, अफाट विद्वता आणि अमोघ वक्तृत्वशैली असणारे स्वामी विवेकानंद यांनीही म्हटलेच आहे की, साऱ्या शिक्षणव्यवस्थेचे ध्येय 'माणूस' निर्माण करणे हेच असले पाहिजे. शिक्षणाचा खरा उद्देश आहे. माणसाला विकसित होण्यास सहाय्य करणे. ज्या वळणामुळे इच्छाशक्तीचा प्रवाह आणि आविष्कार आपल्या स्वतःच्या नियंत्रणाखाली येऊन सुफलित होतो. त्यालाच 'Good Learning of Education' (शिक्षण) म्हणतात. आज आपल्याला अशाच शिक्षणाची गरज आहे. ज्याने शील बनते. शीलाशिवाय शिक्षण फुकाचे आहे. अशा शिक्षणाने मानसिक शक्ती वाढते. बुद्धी चौफेर, विशाल होते आणि ज्यायोगे मनुष्य आपल्याच पायावर उभा राहू शकतो.

आज आपल्या देशाला लोखंडी स्नायूंची व पोलादी नसांची गरज आहे. गूढ व रहस्यांचा भेद करणाऱ्या, वाटेल तयारीतीने आपले इष्ट साध्य करून घेणाऱ्या, वेळी गरज पडल्यास अथांग समुद्राच्या तळाशी जाऊन मृत्यूशी मुकाबला करणाऱ्या व जिला कोणी शोधू शकणार नाही, अशा दुर्दम्य इच्छाशक्तीची गरज आहे. ज्यायोगे उद्योगधंद्यांची वाढ होईल व माणूस नोकरीच्या मागे न लागता आपली उपजीविका करू शकेल आणि त्यातच त्याची जीविका खऱ्या अर्थाने संतोषून जाईल असे जरी अगदी मान्य असले तरी या बरोबरच आज हरवलेल्या 'माणुसकी'चे शिक्षण ही गरजेचे बनले आहे. आजकालची परिस्थिती बघता भविष्यात येणारी स्थिती तावून सुलाखून काढण्यासाठी माणुसकीला समर्थपणे उभे केले पाहिजे.

खऱ्या अर्थाने शिक्षणाचा वापर हा चांगल्या कार्यासाठी केला जातो का? तो का केला जात नाही? असा विचार सर्व काही सांगतो. अशी वेळ माणसांच्या सृष्टीत, प्रकृतीत हल्ली बऱ्याच अंशी निदर्शनास येते. त्यापेक्षा आपली जुनी पिढी आजी-आजोबा, आई-बाबांचा काळ मस्तक होता. गाठीशी पुरेसे शिक्षण नसूनही हल्लीच्या मोठ-मोठ्या अधिकाऱ्यांना लाजवेल असे व्यवहारज्ञान (माणुसकी) त्यांच्याजवळ होते. असे शिक्षण त्यांनी उत्तम सुसंवाद, प्रामाणिक प्रयत्न आणि जीवापाड कष्ट करून मिळवले होते. त्यात कुठलाही अहंकार नसायचा. नेहमीच सर्वांना सहाय्य करण्याचा उद्देश. 'कर भला तो हो भला' एवढाच काय तो युक्तीवाद. आपला जन्म केवळ उपभोगासाठी नसून तो उपयोगासाठी ही आहे, असे निस्वार्थ कर्म असायचे, 'पैशासाठी आपण नसतो, आपल्यासाठी पैसा असतो.' असेच काही त्यांचे वर्तन असायचे.

आता मात्र नेमका उलटा प्रवास दिसू लागला आहे. माणूस माणुसकी सोडून सर्व शिकला, मोठे शिक्षण प्राप्त करून सर्व क्षेत्रांत आपली छाप पाडू लागला, पण माणुसकी शून्य ठेवून. असे का वाटत नाही? की आपले शिक्षण 'माणूस' घडवत नाही फक्त पैशामागे धावणारे 'यंत्रमानव' घडवत आहे. हे का विसरायला होते की, सर्वप्रथम 'माणूस' बनून जगावे.

'मानसा, मानसा कधी व्हशील रे माणूस
मानसाचा तू झालास रे कानूस'

असे जीवनाचे तत्त्वज्ञान सांगणाऱ्या अशिक्षित बहिणाबाईंना समजू शकते, मग सुशिक्षित माणसाची अशी तऱ्हा का?

आजचा काळ सेल्फिमय झाला आहे. त्यात तर 'माणुसकी'ची अजून दैना झालेली दिसते. कोणतीही दुःखद घटना घडो, मग ती स्वतःबद्दल घडणारी असो अथवा दुसऱ्यांबद्दल सर्वजण तयार आहेत 'Best Selfie' काढून टॅग करायला. यात काय अप्रुप दडले आहे तेच कळत नाही. कोणत्याही फंदात नको अडकायला? म्हणून मदत करायची इच्छा असतानाही काहीजण पुढे सरसावयाला घाबरतात.

असे का घडावे? म्हणजे, आपोआप मदत करणाऱ्यांचे हात पुढे होत नाहीत मग कसे होणार? 'दार्तृत्वातून कर्तृत्व' कसे होणार 'देणारे हात'

शाळेत, महाविद्यालयात ही 'व्यक्तिमत्व विकास' हा विषय Extra time, time pass व अवांतर विषय शिकविण्यासाठी वापरतात. मुले तो समजू शकत नाहीत. नंतर मात्र ३०,००० ते ५०,००० रु. फी भरून 'Personality Development' शिकण्यास जातात. तरीदेखील हाती काहीच लागत नाही. आपला 'Status' मिरवण्यातच नाहक वेळ खर्ची करतात. 'पैसा झाला मोठा' असे कार्यक्रम राबवण्यापेक्षा 'माणूस आहेच मोठा' असे कधी ऐकायला येणार?

आपल्या संस्कृतीत, संतवाङ्मय, थोर विचारवंत समाज सुधारक यांचे कार्य, त्यांचे चिंतन, आत्मपरीक्षण केले तरी 'माणूसकी'ची खरी किंमत व ताकद समजते. बघा ना! लग्नसोहळ्यात अहेराचे पाकीट न चुकता नेणारे आपण इस्पितळात कोणाला बघायला जाताना रिकामेच जातो. खरी गरज कुठे, कशी व काय याचा मेळच आपणांस बसत नाही. एवढी हरवली आहे का humanity निव्वळ स्वार्थासाठी दुसऱ्याचा वापर कसा करावा? याचे आपण शिक्षण घेतो का? याचसाठी जगदूमाऊली संत ज्ञानेश्वरांनी 'पसायदान' मागितले होतो का?

३५० वर्षांपूर्वी समर्थानी मनाचे श्लोक व दासबोध सांगितले, लिहिले. ते का? याचसाठी ना? मग हे आपणांस कळत का नाही? मुळात या गोष्टी शिक्षणात आल्या की आपोआप त्याचे समर्थन होण्यास, अनुकरणास सुरुवात होईल. चांगले काय? वाईट काय? याचा Choice माणूस म्हणून काय योग्य? याचे परीक्षण करून झाले तर खऱ्या अर्थाने आनंदी, समाधानी, सुखी जीवनाची भाषा समजेल.

तसे बघायला गेले तर अनुभवाने माणूस हा परिपूर्ण होतो. तसेच त्याला 'माणूसकी'चे दर्शन ही बरेच झालेले

असते. यासाठी त्याने पुढाकार घेऊन येणाऱ्या पिढीकडे हा वारसा पोहोचवला पाहिजे. परंतु असे अल्प प्रमाणात दिसते. म्हणूनच जगाच्या माई झालेल्या सिंधुताई सपकाळ, अनुताई वाघ, कुष्टरोग्यांवर प्रेम करणारे बाबा आमटे आणि बाबांकडूनच बाळकडू प्यालेले विकास आमटे व डॉ. प्रकाश आमटे अशा स्वतःला समाजासाठी वाहून घेणाऱ्यांचे प्रमाण कमी आहे.

आता हेच पहा, आईने पहाटे उठून स्वयंपाक करावा नाहीतर तिला शिक्षा होईल, असा कायदा कुणी करून ठेवला आहे? घरातील माणसांनी जेवनाकरिता एकमेकांची वाट पहावी असे कुठे लिहून ठेवले आहे? पण त्यांना एकमेकांबरोबर जेवल्याखेरीज अन्न गोड लागत नाही. ही कौटुंबिक वृत्ती ज्या दिवशी सर्वत्र होईल त्या दिवशी खरी मानवता जन्म घेईल. त्या दिवशी माणूसकीचे गौरीशंकर गाठले असे म्हणता येईल. आपल्याला मानवाचा संसार थाटावयाचा आहे आपल्याला देवही व्हायचे नाही आणि हैवानही व्हायचे नाही. खऱ्या अर्थाने माणूस बनावयाचे आहे.

आज बऱ्याच ठिकाणी गरजूंना मदत करणाऱ्या सेवाभावी संस्था आहेत ही. वेळोवेळी त्यांच्यापर्यंत मदत पोहोचतेही. मग असे कार्य करणाऱ्या संस्थाही आता 'Commercialize' झाल्या की, 'माणूसकी' संपते. मुळातच मी समाजाचा एक घटक आहे. मला समाजासाठी काहीतरी निस्वार्थ पद्धतीने कार्य करता यावे? यासाठी झटणारे कमी दिसतात. Digital झालेले आपण 'माणूसकी' मात्र Delete करत चाललो आहोत. असे न करता सुबुद्धी मनन केली तर माणूसकीचा विकास होईल, प्रगती होईल आणि मग भारत सुजलाम् सुफलाम् होण्यास हातभार लागेल. तो तसा व्हावा असे वाटत असेल तर ते शक्य माणूस सुजलाम् सुफलाम् झाला तरच होईल. यासाठी खऱ्या अर्थाने माणसाने 'माणूसकी'चे शिक्षण आत्मसात करून, जतन संरक्षित करून टिकवले पाहिजे. तेव्हाच म्हणावेसे वाटेल की, God Makes Man; Humanity Makes Gentleman.

आपण चंदन असल्याची घोषणा चंदनाला करावी लागत नाही. - संत तुकाराम

वैज्ञानिक दृष्टिकोन व आजची तरुणपिढी

अनिता ह. सोमपूर

SYJC

‘विज्ञान म्हणजे विचार करून मिळवलेलं ज्ञान आणि त्यावर केलेले उपाययोजन म्हणजे तंत्रज्ञान’. तसेच वैज्ञानिक दृष्टिकोन म्हणजे एखाद्या बाबीला अनुसरून त्यावरचा वैज्ञानिक पाया, कारणमीमांसा, परिणाम, उपाय या सर्व बाबींचा विश्लेषणात्मक पद्धतीने सारासार विचार करणे होय. खरे तर विज्ञान ही माणसाचीच उत्पत्ती आहे. विज्ञानामुळेच माणूस स्मृती, श्रुती आणि दृष्टी यासर्व बाबींमध्ये इतर सर्व प्राणिमात्रात सर्वश्रेष्ठ ठरला आहे. ‘म्हणूनच विज्ञान हा मानवी सामर्थ्याचा उगमस्त्रोत आहे.

जगातील अनेक विचारवंतांनी वैज्ञानिक दृष्टी स्विकारली म्हणूनच ते आज सारखी विज्ञान सृष्टी निर्माण करू शकले. आजची तरुण पिढी ही कर्तृत्ववान, कर्तबगार, अधिक प्रगल्भ आणि महत्वाकांक्षी आहे आणि यापेक्षाही जास्त म्हणजे आजच्या पिढीने वैज्ञानिक दृष्टिकोन स्विकारला आहे. पूर्वीच्या काळातील बहुतेक माणसांना श्रद्धा आणि अंधश्रद्धा यांमधील फरकच माहित नव्हता. त्यामुळे ढोंगी साधू त्यांना छळत असत. पर विज्ञानाच्या प्रकाशामुळे श्रद्धा आणि अंधश्रद्धामधील फरक लोकांना समजू लागला. आजची तरुणपिढी ही तर्कशुद्ध पद्धतीने सारासार विचार करणारी आहे. चांगल्या कामासाठी आपल्या विवेकबुद्धीचा वापर करणारी जागरूक नागरिक आहे.

आजच्या युवा तरुणांना माहित आहे की आपल्या समाजातील बहुतांश लोकांनी वैज्ञानिक सृष्टी तर स्विकारली पण वैज्ञानिक दृष्टी मात्र स्विकारली नाही. म्हणून आजच्या या विज्ञान युगात ही आपल्याला कितीतरी वाईट घटनांना सामोरे जावे लागत आहे. उदा. डॉ. नरेंद्र दाभोलकर यांची हत्या. या हत्येमागचे कारणच वैज्ञानिक दृष्टिकोनचा अस्विकार होता. माणसाने विज्ञानाची निर्मिती आपल्या सुखसोयीसाठी केली होती. पण आज याच विज्ञानाचा वापर माणूस आपल्या वाईट कामांसाठी करतोय. आज विज्ञानाचा वापर अणुबाँब, धोकादायक हत्यारे, हानिकारक रसायने बनविण्यासाठी होतोय. याच मुख्य कारण हेच आहे की वैज्ञानिक दृष्टिकोन स्विकारल्याशिवाय आपल्या स्वार्थ्यांसाठी आज लोग विज्ञानाचा वापर करत आहेत.

संत एकनाथांनी सांगितले आहे “जेथे चित्त शुद्ध नाही, तेथे बोध करील काही!” म्हणूनच आज विज्ञानाचा विपरित परिणाम मानवावरच होतोय. आजची आपली तरुणमंडळी ही अगदी जागरूक आणि निष्ठावान आहे. म्हणून आज तरुणांनी समाजामध्ये वैज्ञानिक दृष्टिकोन निर्माण करण्याची जबाबदारी उचलली आहे. आज काल युवा मुलं वेगवेगळ्या माध्यमांतून लोकांमध्ये जागरूकता निर्माण करण्याचा प्रयत्न करत आहेत. त्यासाठी ते वेगवेगळ्या प्रदर्शनातून, लघुनाटकातून आणि चित्रप्रदर्शन, कविता प्रदर्शन यांसारख्या विविध माध्यमांतून घराघरापर्यंत वैज्ञानिक दृष्टिकोन पोहचवण्याचा काम करत आहे. विज्ञानाची माया व ताकद अफाट आहे म्हणून त्याचा योग्य वापर होणे हे अत्यंत महत्वाच आहे. आणि गरज ही तरुणांनी ओळखली आहे. थोर विचारवंतांच्या मतानुसार विज्ञान आणि तरुण या दोघांमध्येही अद्भूत व अफाट शक्ती आहे आणि जेव्हा या दोन अद्भूत शक्तींचा संगम होतो तेव्हा एका नव्या चमत्काराचा उगम होतो.

आता हे जग तरुण आणि विज्ञान यांच्या रुपाने एका नव्या विचारशक्तीची वाट पाहत आहे. आजच्या तरुणांनी जर वैज्ञानिक दृष्टिकोन स्विकारला तर त्यांच्या विश्वासाने व श्रमाने संपूर्ण जग ही एक दिवस वैज्ञानिक दृष्टिकोन स्विकारेल. या जगात विज्ञानाचा एक सुंदर मळा फुलेल. आजच्या आपल्या तरुणांनी आपल्या सामर्थ्याच्या जोरावर वैज्ञानिक क्षेत्रात प्रचंड प्रगती साधली आणि संपूर्ण जगात आपल्या देशाचं नाव उज्ज्वल केलं म्हणून आता एवढेच म्हणायचे आहे की,

‘विज्ञानाची ज्योत लावा घरोघरी आणि,
समृद्ध करा देश या जगाच्याही परी.
वैज्ञानिक दृष्टिकोन स्विकारा;
अंधश्रद्धेला दूर पळवा!’

जगात कर्तृत्ववान ठरलेल्या भारतीय महिला

श्रुतिका रघुनाथ पाटील
FYJC

‘न स्त्री स्वातंत्र्यमर्हति’। या मनूच्या म्हणण्याप्रमाणे स्त्रीला स्वातंत्र्य पूर्वी मिळत नव्हते व मिळाले नाही. पूर्वी स्त्रीची ओळख चूल आणि मूल एवढीच होती. पण आता स्त्रिया सर्वक्षेत्रात पुढे आहेत.

‘प्रत्येक पुरुषाच्या यशापाठी स्त्रीचा हात असतो असे म्हणतात. ‘पण प्रत्येक स्त्रीच्या यशापाठी स्त्रीच असते. जगात अशा किती तरी स्त्रिया आहेत. ज्यांनी स्वतःच्या बुद्धिमत्तेने जगात आपले नाव केले. आज स्त्रिया घरकामापासून ते अंतराळापर्यंत जाऊन आल्या आहेत. उदा. कल्पना चावला, सुनिता विलियम्स इ. आजच्या जगात स्त्रीची ओळख ‘चूल, मूल आणि शिक्षण’ अशी साली आहेत.

ज्यांनी स्त्रियांच्या शिक्षणासाठी लढा दिला. ते म्हणजे ‘जोतिबा फुले व सावित्रीबाई फुले त्यांनी अपार कष्ट सोसले. समाजाच्या विरोधात जाऊन त्यांनी मुलींच्या शिक्षणासाठी लढा दिला. काठ्या, शेण, दगड खाल्ले. जगात अशा कितीतरी स्त्रिया आहेत. त्यांनी आपल्या कर्तृत्वावर आपले आयुष्य गाजवले.

लिसा स्थळेकर यांनी ऑस्ट्रेलियाला (वर्ल्डकप) विश्वचषक जिंकवून दिला. स्वाती दांडेकर या इंग्लंडच्या मंत्रिमंडळात मोठ्या स्थानावर आहेत. किरण बेदी या पहिल्या आय.पी.एस. अधिकारी आहेत. त्यांनी दिल्लीतील ‘तिहार’ जेलचा कायापालट केला. त्यांच्या कर्तृत्वामुळे त्यांना ‘रॅमन सिसलाय’ हे पारितोषिक देण्यात आले. तसेच डॉ. अँनी बेझंटचा आयलँड येथे जन्म झाला. त्यांनी भारतीय तत्त्वज्ञान, शिक्षण, संस्कृतीचा अभ्यास केला. त्या जन्माने आयलँडच्या होत्या. पण मनाने त्या भारतीय होत्या. त्यांनी भारताला स्वातंत्र्य मिळवून देण्यासाठी महत्त्वाचा लढा दिला. त्यांनी लोकमान्य टिळकांबरोबर पुण्यातल्या ‘होमरूल’ चळवळीत लढा दिला.

‘सेवेची देवता’ अशी ओळख असणाऱ्या मदर तेरेसा या मूळच्या युगोस्लावियाच्या स्पोज या गावच्या होत्या. त्या एकोणीसाव्या वर्षी भारतात आल्या आणि कायमच्या भारतीय झाल्या. त्यांनी कुष्ठरोग्यांची सेवा केली. पूर्ण जीवन त्यांनी त्यासाठी समर्पित केले. त्या अनाथ, गरीब, कुपोषित, निराधार व्यक्तींना आसरा द्यायच्या. त्यांच्या या कार्यासाठी त्यांना १९७९ साली नोबेल पारितोषिकाने सन्मानित करण्यात आले. १९८० साली त्यांना ‘भारतरत्न’ तसेच १९७९ साली त्यांना शांती पदक देण्यात आले.

अँजला मार्केल या जर्मनीच्या प्रेसिडेंट होत्या. मेरी कॉम यांना पद्मश्री व पद्मभूषण या पारितोषिकांनी सन्मानित करण्यात आले.

तसेच पूर्ण जगाला आश्चर्यचकित करून ठेवणारी मुलगी तिला चौदाव्या वर्षात ‘नोबेल पारितोषिक’ मिळाले. ती म्हणजे ‘मलाला युसुफ जाई’ ही मूळची पाकिस्तानची त्यांनाही मुलींच्या शिक्षणासाठी लढा द्यावा लागला. त्यांना दिसताक्षणी गोळ्या घालण्याचे आदेश होते. पण सर्वांवर मात करत त्यांनी पाकिस्तानात मुलींचे शिक्षण सुरु केले.

अशा प्रकारे स्त्रिया या फक्त घरकामात नाही तर प्रत्येक क्षेत्रात पुढे आहेत. सेरेना विल्यम्स या टेनिसपटू आहेत. लता मंगेशकर भारताची गाणकोकिळा अशी त्यांची ओळख आहे.

स्त्री ही प्रत्येक क्षेत्रात आहे. स्त्री ही कुटुंबाचा केंद्रबिंदू असते. जसा सूर्यमालेमध्ये सूर्य हा महत्त्वाचा असतो तसेच स्त्रीही महत्त्वाची असते. जगाच्या कानाकोपऱ्यात स्त्रियांनी आपले नाव केले.

विद्यारूपी अंगठीमध्ये विनयरूपी रत्न चमकत असते. - संत तुलसीदास

जगात कर्तृत्ववान ठरलेल्या भारतीय महिला

साक्षी राजेंद्र धनावडे
FYJC

“कधी सीता, कधी होई कुंती, सावित्रीची दिव्य शक्ती, बंधने ही रेशमांची, सांभाळी हीच मानिनी” या काव्यपंक्तीमध्ये कवी शांताराम नांदगावकर यांनी अत्यंत अचूक असे स्त्रीच्या कर्तृत्वाचे वर्णन केले आहे आणि याच कर्तृत्वाचा परिचय आपल्याला आज क्षणोक्षण अनुभवायला मिळतो. स्त्री किंवा महिला या शब्दांबरोबरच आपल्याला प्रेम, वात्सल्य व स्नेह या भावनांची जाणीव होते. त्याचबरोबर आपल्याला स्त्रीशक्तीची जाणीव होते कारण आज महिला अबला राहिल्या नाहीत त्यांनी स्वतःला सिद्ध केले आहे. त्या सबला झाल्या आहेत.

भारतीय तत्त्वज्ञानानुसार स्त्रीशक्ती त्रिकोणाच्या पायाच्या एका टोकाकडे समृद्धी व सुविधा देणारी महालक्ष्मी, दुसऱ्या टोकाकडे शक्ती व संरक्षण देणारी महाकाली तर शिरोबिंदूजवळ ज्ञानमौलिकता देणारी महासरस्वती आहे. या महालक्ष्मी, महाकाली व महासरस्वती रूपे स्त्री परिपूर्ण आहे. भारतीय समाजात महिलांना गौण स्थान मिळत होते तेदेखील पूर्वापार समाजात चालत आलेली पुरुषप्रधान रूढीमुळेच. परंतु महिलांनी स्वतःला सिद्ध केले आहे.

“मीही स्पर्श शकते आकाश, फक्त संधी मिळण्याचा अवकाश”

या ओळी त्या स्थितीस अगदीच सार्थ ठरतात. या सर्वांमध्ये अभाव भासत होता तो केवळ ‘स्त्रीशिक्षणाचा’. यावरही पुर्ततेचे हात पुढे केले तेही भारतीय स्त्रीने, ज्ञान ज्योती सावित्रीबाई फुले महिलांनी शिकणे व शिकवणे हे धर्माला अनुसरून नाही. यांसारखे पुराणमतवादी लोकांचे कुविचार मोडीस आनून त्यांनी १९४८ मध्ये स्त्रियांसाठी पहिली शाळा स्थापित केली. त्यांनी स्थापन केलेली मुंबई गिरगाव येथील कमळाबाई हायस्कूल आजतागायत कार्यकरत आहे, हाच त्यांच्या थोर कर्तृत्वाचा पुरावा. आज याच शिक्षणाच्या जोरावर भारतीय महिलांनी जगात आपला ठसा उमटविला आहे. गेल्या शतकातील त्यांच्या या संघर्षाचा व साधलेल्या प्रगतीचा प्रवास म्हणजेच १९५० मध्ये प्रेम माथुरी यांनी प्रथम व्यावसायिक महिला वैमानिक होण्याचा मिळालेला मान,

तसेच १९५२ पासून ऑलिंपिक स्पर्धांमध्ये महिला व पुरुषांना एकत्र खेळण्याची मिळालेली संधी. याचप्रमाणे महिला राजकीय क्षेत्रातही मागे राहिल्या नाहीत, तर सुचेता कृपलानी यांना भारतातील पहिल्या महिला मुख्यमंत्री होण्याचा सन्मान मिळाला. तसेच इंदिरा गांधी या २४ जानेवारी १९६६ ते २४ मार्च १९७७ दरम्यानच्या काळात पहिल्या महिला पंतप्रधान ठरल्या. १४ जानेवारी १९८० ते १९८४ दरम्यान त्यांनी पुन्हा पंतप्रधान पद प्राप्त केले. त्यांच्या या कर्तृत्वाला स्फुरण “कणाकणाने जळते ज्योती, उधळीत तेजोधने, ज्यास द्याया शितलपण, झिजली ही चंदने।। या ओळी आठवतात. केवळ ऐवढेच नव्हे तर याच शतकात किरण बेदी यांनी आयपीएस, पहिल्या महिला पोलीस अधिक्षक होण्याचा मान मिळवला. त्यांनी पोलीस कार्यपद्धतीत अनेक ठळक सुधारणा केल्या. तसेच, अवकाश व अवकाशवीर यांसारखे शब्द येताच कल्पना चावला, सुनिता विलियम्स यांसारख्या धाडसी भारतीय महिलांची आठवण आल्याशिवाय राहत नाही. कल्पना चावला यांनी १९८६ मध्ये पहिल्या महिला अंतराळवीर होण्याचा मान पटकावला. त्याचप्रमाणे त्यांनी १९९६ रोजी गुरुत्वाकर्षणविना पोकळीतून प्रवास करताना संगणकीय द्रवप्रकाचा शोध लावला. त्या म्हणतात. “आपली बुद्धीमत्ता म्हणजेच, आपण आहोत” त्यांचे हे वाक्य आजही सर्व महिलांसाठी प्रेरणादायी आहे.

याचप्रमाणे क्रीडाक्षेत्रातही अनेक भारतीय महिलांनी जागतिक पातळीवर आपले नाव कोरले आहे. यामध्ये पी. व्ही. सिंधू, मेरी कॉम, साक्षी मलिक, मिथाली राज, दिपिका कुमारी, सानिया मिर्झा, सायना नेहवाल यांसारख्या स्त्रियांनी भारतीय तिरंगा अभिमानाने लहरविला आहे. तसेच लता मंगेशकर, आशा भोसले यांसारख्या थोर भारतीय महिलांनी आपल्या मधुरशब्दांनी जगात कीर्ती मिळवली आहे. सौंदर्य क्षेत्रातही भारतीय महिला प्रियांका चोप्रा, ऐश्वर्या राय, मानुशी चिल्लर यांनी नावलौकिकता मिळवली आहे.

एकूणच भारतीय महिला या सर्वगुणसंपन्न, बहुकार्यक्षमता असणाऱ्या व सर्वांनाच प्रेरणादायी ठरणाऱ्या आहेत. त्यांच्या या कार्याला स्मरून

‘स्त्रीशक्तीचा महिमा अपरंपार
दोन्ही घरांचा करी सांभाळ
राणी झाशीची लक्ष्मीबाई
रणागणांवर शत्रूशी लढा देई,
थोर आहे माऊली जिजाबाई
स्वराज्याच्या संस्काराने घडविले राजे शिवजी,
स्त्रीशिक्षणाच्यासाठी सावित्रीबाई फुले
दगड, शेणाचे मार सहुनी करी कर्तव्य पुरे,
भारतात आल्या मद्र तेरेसा
अनाथ, गोरगरीब व रुग्णांची कराया सेवा
स्त्रीशक्तीचा महिमा अपरंपार
शक्ती, समृद्धी, सकारात्मकता यांचे हे सार.

वसंताचे आगमन

शुष्क कोरडे आभाळ,
पहाटेची काळोखी थंडी,
रखरखते ऊन,
पानांच्या वाळलेल्या राशी,
अचानक वातावरणी,
मंद सुगंध पसरें,
कोंवळ्या उन्हात,
दवबिंदू अलगद थरथरें,
थोडासा उष्मा आणिक,
आंब्याला मोहोर,
आला वसंत आला,
फुलू लागला गुलमोहूर!

- योगेश वि. घळसासी

जगात कर्तृत्ववान ठरलेल्या भारतीय महिला

अंकिता अधीकणसे

FYJC

चूल आणि मूल या छोट्याशा विश्वात जगणारी स्त्री सध्या प्रत्येक क्षेत्रात कर्तृत्वान ठरली आहे. स्त्री ही अबला नाही तर सबला बनली आहे. आता ती कोणत्याही जाचाला घाबरत नाही किंवा जुलूम सहनही करत नाही स्त्री आता अन्यायाविरुद्ध आवाज उठवत आहे. जगात अशा अनेक कर्तृत्ववान, धैर्यशील स्त्रिया होऊन गेल्या. आजही आपण त्यांची आठवण अतिशय आदराने काढतो.

महाराष्ट्रातही या मराठी मातीतही अनेक स्त्रियांनी कर्तृत्व दाखवून अन्यायाविरुद्ध आवाज उठवला. स्त्रियांना शिक्षणाचा अधिकार नव्हता. चूल आणि मूल हेच त्यांचे जीवन होते; पण महात्मा फुले आणि त्यांच्या अर्धांगिनी सावित्रीबाई फुले यांच्यामुळे आज आपण महिला शिक्षण घेत आहोत. सावित्रीबाई फुले या पहिल्या स्त्रीशिक्षिका होत्या. हेच नाहीतर ज्या स्वराज्यात आपण राहत आहोत. ज्या शिवबाचा आपल्याला अभिमान आहे. त्या शिवबांना देखील घडवणारी एक स्त्रीच होती. जिजाबाईंनी शिवाजीराजांना घडवून म्हणूनच तर आपण आज सुरक्षित राहत आहोत. झाशीची राणी

लक्ष्मीबाई यांच्या शौर्याचे आणि पराक्रमाचे वर्णन करणे कठीण आहे. प्राण गेले तरी, अखेरच्या श्वासापर्यंत त्यांनी आपले राज्य परकियांना जिंकू दिले नाही. स्वतःच्या मुलाची देखील त्यांनी चिंता केली नाही. अहिल्याबाई होळकर, इंदिरा गांधी या देखील तितक्याच शौर्यवान होत्या. भारतरत्न इंदिरा गांधी यांनी देशाच्या राजकारणात स्वतःचे कर्तृत्व गाजवले. कल्पना चावला ही पहिली महिला अंतराळवीर होऊन गेली. महिलांनी आज पुरुषांना देखील मागे टाकले आहे. सुनिता विलियम्स या देखील महिला अंतराळवीर होत्या. सानिया मिर्झा, पी. टी. उषा या क्रीडाक्षेत्रात कर्तृत्ववान ठरल्या. गीता फोगट, बबिता फोगट या कुस्ती क्षेत्रात कर्तृत्ववान ठरल्या. कर्तृत्ववान स्त्रियांची अनेक उदाहरणे आहेत. प्रत्येक स्त्री ही कर्तृत्ववान असतेच पण तिच्यातील धाडसीपणा, शौर्य, धैर्य हे जागृत करावं लागतं, तिला संधी द्यावी लागते.

जगात कर्तृत्ववान ठरलेल्या या सर्व स्त्रियांनी त्या स्त्रियांना प्रेरणा दिली. आज स्त्री स्वतः आपल्या कुटुंबाच पालनपोषण करू शकत आहे ते फक्त या कर्तृत्ववान स्त्रियांच्या प्रेरणेमुळेच.

किरण बेदी या पहिल्या महिला पोलीस अधिकारी (I.P.S.) आहेत. म्हणजे जवळजवळ सर्वच स्त्रिया कोणत्या ना कोणत्या क्षेत्रात उच्च स्थान निर्माण करू लागल्या आहेत. चूल आणि मूल सांभाळत स्त्री कुटुंबांची आधार बनू लागली आहे. प्रत्येक स्त्री किरण बेदी, सावित्रीबाई फुले, सानिया मिर्झा, पी. टी. उषा यांच्यासारखे पराक्रम करण्यास सुसज्ज झाली आहे. शिक्षणामुळे स्त्रीचं आयुष्य बदलून गेलं आहे म्हणूनच म्हटलं आहे -

“मुलगी शिकली, प्रगती झाली.”

स्त्रियांची संख्या वेगाने वाढत आहे. स्त्रिया शिक्षण घेत आहेत. असं म्हणतात की, “ज्या देशात स्त्री शिक्षणाला प्राधान्य दिल जातं त्या देशाच्या विकासाला कधीही मर्यादा येणार नाहीत.” कर्तृत्ववान प्रत्येक स्त्री असते. आपली आईच बघा ना सकाळपासून रोबोट सारखं काम करूनही तिच्या

चेहऱ्यावर नेहमी हसू झळकत असतं. कधी ती कोणत्या गोष्टीची तक्रार करत नाही.

कर्तृत्ववान स्त्रिया जगापुढे एक आदर्श ठेवून जातात. सावित्रीबाई फुले, जिजामाता, अहिल्याबाई होळकर, किरण बेदी, झाशीची राणी लक्ष्मीबाई, इंदिरा गांधी, सानिया मिर्झा, पी. टी. उषा या सर्व स्त्रियांमुळे मुलींच्या मनात कुठेतरी इच्छा निर्माण झाली की आपण ही किरण बेदी व्हावं, पी. टी. उषा व्हावं किंवा सुनिता विलियम्स व्हावं. कर्तृत्व हे स्त्रीयांमध्ये जन्मताच असतं. स्त्रीही एक शक्ती आहे. स्त्रीशक्तीला आपण आदर, सन्मान द्यायला हवा तेव्हाच आपल्या देशाचा विकास होईल. जगातील कर्तृत्ववान ठरलेल्या अशा या स्त्रीशक्तीला कोटी कोटी धन्यवाद. जर आज या स्त्रिया नसत्या तर प्रेरणा आणि स्वातंत्र्य या गोष्टी मुलींना मिळाल्याच नसत्या. त्यामुळे अशा दिव्य मूर्तींना आपण वंदन केलं पाहिजे.

वृतः भूपतिवैभव

सुन्नाट भग्नशा ओल्या जंगलवाटा
सांजाळ वेळ अन पुसट पुसटश्या छाया
रडते का कोणी..? हलते वरती खाली
झाडांना विळखे घालित बसती वेली..
हलणाऱ्या छाया विचित्र भाषा त्यांच्या
पांथस्था सोबत रेंगाळत फिरणाऱ्या
पण उमजत नाही कुणासही काहीही
इच्छाच नसे..अन शक्य नसे बघणेही
झाडांना अथवा चंद्राला ताऱ्यांना
रडवेल्या सगळ्या सांगत बसती गोष्टी
मग विरलेल्या जन्माच्या आठवणीने
गगनास हलवती विकृत आक्रोशाने..
मृत्यूनेही सुटका केलेली नाही
दुरणे...एकांती आठवणींनी जळणे
स्त्री जगतं मरतं का हे एकच वाटं
हसतात चिंता.. हा धूर कशाचा दाटं?

- जितेंद्र पेंढरकर

प्र. के. अत्रे अष्टपैलू व्यक्तिमत्त्व

श्रद्धा परब
SYJC - I

प्र. के. अत्रे उर्फ आचार्य अत्रे वक्ते, संपादक, हिंदी व मराठी चित्रपटाचे निर्माते, राजकारणी व नाटककार होते. ते महाराष्ट्राच्या निर्मितीसाठी उभ्या राहिलेल्या संयुक्त महाराष्ट्र चळवळीचे प्रमुख नेते होते. त्यांच्या घणाघाती भाषणांमुळे संयुक्त महाराष्ट्र मिळाला असे मानले जाते.

केशवकुमार या टोपण नावाने त्यांनी विडंबन काव्य लिहिले. 'रविकिरण मंडळ' व 'केशवसूत' या जुन्या कवींच्या काव्यांची विडंबन यात आहेत.

प्र. के. अत्रे यांनी १९२३ साली अध्यापन हे मासिक काढले. १९२६ साली रत्नाकर व १९२९ साली अत्र्यांनी नवयुग हे साप्ताहिक सुरु केल ते साप्ताहिक ८ जुलै १९६२ पर्यंत चालू होत.

अत्र्यांनी १९३४ साली दादा तोरणांच्या आग्रहाखातर 'नारदा नारदी' या चित्रपटाची कथा व संवाद लिहिले. राजगुरु व अभ्यंकर या दोन भागिदारांसोबत त्यांनी ए. आर. ए. या नावाने नवयुग चित्रपट कंपनी काढली. नवयुग फिचर्सतर्फे त्यांनी 'लंपडाव' चित्रपट दिग्दर्शित केला. त्यांनी दिग्दर्शित केलेल्या 'श्यामची आई' या चित्रपटाला १९४५ साली सुरु झालेल्या राष्ट्रीय चित्रपट पुरस्कारातर्फे पहिले सुवर्ण कमळ मिळाले. अत्र्यांची चित्रपटातील कारकिर्दही खूप मोठी आहे. मास्टर विनायक यांनी दिग्दर्शित केलेल्या 'ब्रम्हचारी' ब्रॅन्डची बाटली या चित्रपटाच्या कथा पटकथा त्यांनी लिहिल्या धर्मवीर श्यामची आई असे काही त्यांचे चित्रपट उल्लेखनीय आहेत.

अत्र्यांनी १९२४ साली मुंबईच्या ट्रेनिंग कॉलेजमध्ये शिक्षण घेऊन बी. टी. परीक्षेत वर्गात प्रथम आले. १९२७-१९२८ दरम्यान त्यांनी इंग्लंडला टिचर्स डिल्पोमा मिळवला. त्यांनी पुण्यात राजा धनराज गिरजी व मुलींचे आगरकर हायस्कूल काढले.

आदर्शाची पायमल्ली, मनाविरुद्ध मते मांडली की तुटून पडणे, माहितीची शहानिशा न करता कार्य करणे अशा अत्र्यांच्या काही उणीवांवर बोट ठेवले जाते असे असले तरीही त्यांच्या काही निष्ठा पक्क्या होत्या. त्यापैकी एक म्हणजे सामाजिक बांधिलकी अत्र्यांनी गोरगरीब तळागाळातील माणसे, अज्ञान, उपेक्षित यांचा कैवार घेतला.

अत्रे जसे लेखक कवी होते तसेच ते राजकरणीही होते. अत्रे राजकीय क्षेत्रातही चमकले. त्यांनी महाराष्ट्र विधानसभेचे आमदारपद, पुणे शहराचे नगरसेवक पद भूषवले. 'भांबूडा' या गावाच 'शिवाजीनगर' आणि रे मार्केटच 'महात्मा फुले मार्केट' असे नामकरण करण्यात त्यांचा पुढाकार होता. १९४० साली मराठी साहित्य संमेलनाचे व दहाव्या मराठी पत्रकार परिषदेचे अध्यक्षस्थान त्यांनी भूषवले.

अत्र्यांचे लेखणीइतकेच वाणीवरही जबरदस्त प्रभुत्व होते त्यांच्या भाषणांना विक्रमी गर्दी होत असे. त्यांची भाषण देताना उभी राहण्याची ढब, हावभाव हालचाल याचे अनेक वक्ते अनुकरण करत असतात.

ना. सी. फडके, मामा वरेरकर, बाळासाहेब ठाकरे यांबरोबर घातलेले वादही खूप गाजले तसेच त्यांची 'मोरुची मावशी' 'तो मी नव्हेच' ही नाटके प्रसिद्ध आहेत.

आपल्या हयातीत विविध क्षेत्रात तोलामोलाची कामगिरी करणारे लोक खूपच विरळ असतात आणि त्यापैकी एक म्हणजे प्र. के. अत्रे त्यांच्या मृत्यूनंतर कालांतराने त्यांचे दैनिक, साप्ताहिक बंद पडले. परंतु प्र. के. अत्रे जनमाणसात प्रदीर्घकाळ टिकून आहेत. असे हे थोर लेखक, कवी यांना मनःपूर्वक आदरांजली.

विद्येचे फळ म्हणजे उत्तम चारित्र्य आणि सदाचार. - विनोबा भावे

प्र. के. अत्रे अष्टपैलू व्यक्तिमत्त्व

FYJC-I

पुणे मराठी संस्कृतीचा वारसा जपणारे, असे हे विद्येचे माहेरघर याच पुणे जिल्ह्यातील सासवड या गावी १३ ऑगस्ट १८९८ रोजी जन्म झाला एका साहित्यसम्राटाचा आणि त्याचे नाव होत प्रल्हाद केशव अत्रे. अत्रे हे लहानपणापासूनच हुशार होते त्यांचे निरीक्षण दांडगे होते. त्यांना भाषा या विषयातही रस होता. त्यांच अवघं बालपण त्या गावी सासवडला गेलं. मग मात्र काहीतरी शिकायचं करून दाखवायचं हा विचार डोक्यात घेऊन ते मुंबईला आले.

शिक्षण पूर्ण झाल्यावर त्यांनी मुंबईत 'घराबाहेर, मोरुची मावशी, तो मी नव्हेच अशी नाटके लिहिली. यातील मोरुची मावशी आणि तो मी नव्हेच ही नाटके प्रत्येक प्रेक्षकाच्या मनावर अधिराज्य गाजवत आहेत. अत्रे यांना कविता लेखनाचीही फार आवड होती त्यांनी झेंडूची फुले, आम्ही कसे झालो इत्यादी काव्यसंग्रह लिहिले त्यातील झेंडूची फुले हा कवितासंग्रह प्रेक्षकांच्या पसंतीस उतरला तर आम्ही कसे झालो या कविता संग्रहाचे १९६३, १९६४, १९६५, १९६६ आणि १९६७ अशी ५ वर्षे पाच भाग प्रकाशित केले गेले.

अत्रे यांना राजकारणाचीही आवड होती त्यांचा राजकारणात सक्रिय सहभाग होता. साल १९३६ ते १९३८ पर्यंत अत्रे पुण्याच्या महानगरपालिकेचे सभासद होते. संयुक्त महाराष्ट्र स्वतंत्र झाला व ही समिती बंद झाली. नंतर अत्रे दादर मतदारसंघाकडून महाराष्ट्र विधानसभेचे कार्यकर्ते होते त्यांचा कार्यकाल १९६२ पासून १९६७ पर्यंत होता.

ते 'नवयुग' व 'तुकाराम' या साप्ताहिकाचे संपादक होते त्यांचे तुकाराम हे साप्ताहिक १९५४ या वर्षी म्हणजे एका वर्षाच्या अवधीत बंद पडले. पण त्यांच्या नवयुग या साप्ताहिकास २२ वर्षांचे दीर्घायुष्य लाभले हे साप्ताहिक १९४० पासून १९६२ पर्यंत सुरु होते. १९६० साली सुरु झालेल्या त्यांच्या 'मराठी' या दैनिकास प्रचंड प्रसिद्धी मिळाली.

ते नाट्य लेखनाबरोबर चित्रपट लेखनही करू लागले १९३८ साली मास्टर विनायक यांच्या ब्रम्हचारी या चित्रपटासाठी त्यांनी संवादलेखन केले नंतर त्यांनी साने गुरुजी यांच्या श्यामची आई या पुस्तकावर एक चित्रपट बनवला अत्रे यांनी चित्रपटाचे दिग्दर्शन केले हा चित्रपट त्या वेळी खूप गाजला. त्यातले 'भरजरी गं पितांबर' हे आशा भोसलेंचे गाणे फार प्रसिद्ध झाले तर 'छडी लागे छम् छम्' हे गाणे अजूनही सर्वांच्या ओठावर असते. राष्ट्रीय चित्रपट पुरस्कार सोहळ्यात त्यांना सर्वोत्तम चित्रपट म्हणून या चित्रपटासाठी सुवर्ण पदक मिळाले.

१९५३ सालचा हा पहिला राष्ट्रीय पुरस्कार सोहळा होता. १९५४ साली महात्मा फुले या चित्रपटासाठी याचं सोहळ्यात त्यांना रौप्य पदक मिळालं.

याहून त्यांच्याबद्दल म्हणायचे झाले तर ते २७ व्या महाराष्ट्र साहित्य संमेलनाचे अध्यक्ष होते त्याबरोबर ते ३८ व्या नाट्य संमेलनाचे अध्यक्ष होते तसेच ते १० व्या पत्रकार संमेलनाचे अध्यक्ष होते. हे सर्व करत असताना अत्रेंनी प्रत्येक माणसाच्या मनात एक स्थान निर्माण केले होते आणि त्यामुळे लोक त्यांना प्रल्हाद केशव अत्रे न म्हणता गुरु समजून 'आचार्य' अत्रे म्हणायचे.

साहित्यिक, कवी, दिग्दर्शक, नाटककार, राजकारणी, अध्यक्ष, कार्यकर्ते, समाज प्रेरक विविध गुण असणारे अष्टपैलू व्यक्तिमत्त्व म्हणजे आचार्य अत्रे साहित्यातील तळपता सूर्य म्हणून त्यांना ओळखलं जायचं पण हा तळपता सूर्य १३ जून १९६९ रोजी मावळला. आज आचार्य आपल्यात नाहीत पण त्यांच्या अजरामर साहित्याने आपल्या मनात त्यांनी एक स्थान निर्माण केले आहे. त्यामुळे जोपर्यंत मराठी वाचक आहेत मराठी भाषिक आहेत तोपर्यंत आचार्य अत्रे या भूतलावर अमर राहतील.

जे ज्याचे ध्यान तेच त्याचे स्थान - राष्ट्रसंत तुकडोजी महाराज

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

विभाषा
चिड़िया

हिन्दी विभाग

क. जे. सौमेय्या वाणिज्य एवं विज्ञान कनिष्ठ महाविद्यालय

हिन्दी - परिसभा २०१७-२०१८

हिन्दी विभाग की ओर से आयोजित प्रतियोगिताओं में पुरस्कृत छात्रों के नाम

दिनांक : १५/०९/२०१७ 'काव्य पठन' प्रतियोगिता

१) स्वाति भदर्गे - प्रथम पुरस्कार
(कक्षा - ११वीं - D)

२) सुम्मया मलिक - द्वितीय पुरस्कार
(कक्षा - ११वीं - E)

३) पायल नविन व्यास - तृतीय पुरस्कार
(कक्षा - ११वीं - C)

दिनांक : १६/९/२०१७ निबंध लेखन प्रतियोगिता
(हिन्दी-दिवस के उपलक्ष्य में)

१) सुभलक्ष्मी दास - प्रथम पुरस्कार
(कक्षा - ११वीं - D)

२) अवनी गोरी - द्वितीय पुरस्कार
(कक्षा - ११वीं - D)

३) राकेश गणेशराम कालीराणा - तृतीय पुरस्कार
(कक्षा - ११वीं - D)

दिनांक : १५/१२/२०१७ 'कहानी लेखन' प्रतियोगिता

१) सागर गौड - प्रथम पुरस्कार
(कक्षा - ११वीं - D)

२) अरविंद गुप्ता - द्वितीय पुरस्कार
(कक्षा - ११वीं - I)

३) अमित गोपाल दास - तृतीय पुरस्कार
(कक्षा - ११वीं - I)

दिनांक : १६/१२/२०१७ 'स्व-रचित काव्य' लेखन प्रतियोगिता

१) जागृत गाला - प्रथम पुरस्कार
(कक्षा - ११वीं - C)

२) रितेश भानुशाली - द्वितीय पुरस्कार
(कक्षा - ११वीं - I)

३) दीपा तुनगरियाँ - तृतीय पुरस्कार
(कक्षा - ११वीं - M)

जीवन फूल का

मैं बागों में खिलता हूँ ।

बीज से पौधा, पौधे से फूल बनता हूँ ।

बागों में भवरे गुनगुनाते,
और हमें खिल-खिलाते हैं ।

घर घर में मैं रहता हूँ,

आस-पास सुगंध और ताजगी फैलाता हूँ ।

छोटा, बड़ा, बूढ़ा और बच्चा सबको लगता मैं अच्छा ।

दुःख हो या सुख हो,

मैं मेरे मरते दम तक साथ निभाता हूँ ।

अंत में मुझे देखकर लोग मुस्कराते हैं ।

जागृत गला
FYJC - C

“संघर्ष ही जीवन है”

वकार अहमद अंसारी

FYJC - D

यह कहानी अमेरिका के रहने वाले ‘कर्नल सैंडर्स’ की संघर्ष पूर्ण जीवन की है, कर्नल सैंडर्स का जन्म अमेरिका के छोटे से शहर ‘केन्टाकी’ में हुआ। उनका बचपन एक मध्यम वर्ग के परिवार में बीता। अभी उनका बचपना खत्म भी नहीं हुआ था कि उनके पिता उन्हें छोड़ कर चले गए, मात्र ५ साल की उम्र में उनके सर से पिता का साया उठ गया पिता के जाने के बाद उनका और उनके परिवार का उदरनिर्वाह बहुत कठिन हो गया उन्होंने जैसे-तैसे अपनी पढ़ाई पूरी की परंतु आर्थिक परिस्थिती उचित न होने के कारण उन्हें अपनी पढ़ाई बीच में ही छोड़नी पड़ी।

१७ साल की उम्र से उन्होंने नौकरी की तलाश शुरू की लेकिन, उनके किस्मत के तारे गरदीश में थे उन्हें कई नौकरियों मिली लेकिन उन्हें सभी नौकरियों से बरखास्त कर दिया गया, उन्होंने १८ साल से १२ साल तक कंडक्टर की नौकरी की इसी दौरान उनकी शादी भी हुई कुछ समय के लिए उन्हें यह महपूस हुआ कि अब उनका जीवन स्थिररूप से व्यथित होगा।

१९ साल की उम्र में उन्हें पिता बनने का सुख प्राप्त हुआ परंतु, आपसी रंजीश के कारण उनकी पत्नि ने भी उनका साथ छोड़ दिया बच्चों और अपने परिवार से अलग होने के बाद वे अकेले हो गए। उनके जीवन में असफलताओं का पहाड़ टूट पड़ा। पहले कंडक्टर बाद में आर्मी, से भी उन्हें निकाल दिया गया।

अब उन्होंने एक नया जीवन शुरू करने का प्रयास किया। उन्होंने जैसे-तैसे एक छोटा सा व्यापार शुरू किया। कर्नल सैंडर्स को चिकन पकाना बचपन से बहुत पसंद था। उन्होंने इसी दम पर अपना ये व्यापार शुरू किया। इस व्यापार से अब उनकी रोजी-रोटी चलती थी।

बच्ची और परिवारवालों की याद उन्हें बहुत सताती थी। इसी कारण ६४ साल की उम्र में उन्होंने अपनी ही बेटी का अपहरण किया, परंतु उनकी मत मारी गई थी वे उसमें भी असफल हो गए। जिस जगह उनकी दुकान थी उस जगह हाइवे बन जाने के कारण उनका व्यापार ठप्प पड़ गया। धीरे-

धीरे उनकी पूँजी खत्म होने लगी और अब खाने के भी लाले पड़ने लगे।

अब उनकी उम्र भी लगभग ६५ वर्ष हो चुकी थी और हाल यह था कि खाने के लिए अब उनके पास में कुछ भी नहीं बचा था। उन्होंने अपने अनुभव और अपने चिकन प्रयोग पर पूरा भरोसा था। इस अनुभव के दम पर वे मार्केटिंग करने निकल पड़े उन्होंने अलग-अलग रेस्टोरेंट से मिलना शुरू किया। समय ने फिर भी उनका साथ नहीं दिया। एक-एक करके रेस्टोरेंट उन्हें रिजेक्ट करते गए।

कर्नल सैंडर्स ने अपने जीवन में कभी हार नहीं मानी। वह लगातार अपने कार्य में लग रहे और कोशिश करते रहे उनका यह विश्वास था कि “अभ्यास से ही मनुष्य श्रेष्ठ बनता है”।

आपको यह सुनकर हैरानी होगी कि वह १००१ बार असफल हुए परंतु उन्होंने कोशिश करना बंद नहीं किया और आखिर कार उन्हें सफलता मिल ही गई।

यह सोचने की बात है कि ६५ की उम्र में एक ऐसी उम्र जब लोग रिटायर हो जाते हैं, एक ऐसी उम्र में जब लोग दुबारा उठने से हार मान जाते हैं। उस उम्र में उन्होंने अपने चिकन प्रयोग के एक ऐसा बिजनेस खड़ा कर दिया जो आज से १२० जानती हैं।

के. एफ. सी. यह वही ब्रांड है जिसके आज दुनिया भर में १८,००० से ज्यादा रेस्टोरेंट्स हैं और २० अरब डॉलर से ज्यादा उनकी एक साल की कमाई हैं। कोई भी कार्य अगर सच्चे दिल से ईमानदारी मेहनत और लगन से किया जाय तो एक न एक दिन सफलता अवश्य मिलती हैं। इसी बात पर हरिवंशरास बच्चन जी ने कहा हैं।

“नन्ही चीटी जब दाना लेकर चलती है,
चढ़ती दीवारों पर सौ बार फिसलती है,
मन का विश्वास रगो में साहस भरता है,
चढ़कर गिरना, गिरकर चढ़ना न अखरता है,
आखिर उसकी मेहनत बेकार नहीं होती,
कोशिश करनेवालों की हार नहीं होती ॥”

चाणक्य नीति

जिज्ञासा बाबरीया

FYJC - D

चाणक्य अपनी नीति शास्त्र के लिए जाने जाते थे । दूर तक विदेशों में लोग उनकी नीतियों का लोहा मानते थे । यही सुनकर एक बार एक चीनी दर्शनिक चाणक्य से मिलने भारत आया । जब वह चाणक्य के घर उनसे मिलने पहुँचा तो उसने देखा की चाणक्य एक ग्रंथ लिखने में व्यस्त थे । उन दिनों बिजली या बल्ब नहीं हुआ करते थे । चाणक्य ने तेल भारी डीबिया जला रखी थी और उसी की धीमी रोशनी में वो लिखने में व्यस्त थे ।

चाणक्य ने जैसे ही आगंतुक को देखा । उन्होंने जल्दी से अपना कार्य समाप्त किया और जो लेम्प अभी जल रही थी उसे बंद कर दी और एक नई लेम्प जला दी । दर्शनिक ने सोचा कि ये भारतीय लोगों का आगंतुक का सम्मान करने का कोई रिवाज़ होता होगा । उसने जिज्ञासावश चाणक्य से पूछा की आप ने जलती लेम्प को बंद क्यों किया और फिर से नई लेम्प जलाने के पीछे क्या कारण है ? क्या यह आपके धर्म में कोई रिवाज़ हैं? चाणक्य ने हस्ते हुए जवाब दिया नहीं श्रीमान यह कोई रिवाज़ या धर्म का हिस्सा नहीं था ।

चाणक्य ने कहा कि मैं एक ग्रंथ का सृजन कर रहा था और उस डिबिया के तेल का जो पैसा है वो मुझे राजकोष से मिला है लेकिन जब मैंने लिखने का कार्य समाप्त किया तो उस डिबिया का जलना मेरे देश की संपत्ति का नाश है जो मैं नहीं सह सकता और जो दुसरी डिबिया में जो तेल है वा मेरी खुद की कमाई से खरीदा है । मैं अपने स्वयं के कार्य के लिए देश की संपत्ति का हनन नहीं कर सकता ।

इतना सुनकर चीनी दर्शनिक चाणक्य के आगे नतमस्तक हो गया कि धन्य है ये देश भारत जहाँ इतनी महान सोच वाले व्यक्ति रहे है। इसीलिए भारत को जगद गुरु कहने में कोई दोराय नहीं है ।

अगर कोई इंसान चाणक्य के बताये हुए मार्ग पर चले तो उसे दुनियाँ की कोई भी परेशानी सफल होने से नहीं रोक सकती ।

चाणक्य : व्यक्ति अपने कर्मों से महान होता है, अपने जन्म से नहीं ।

मेरे प्यारे पापा

“कभी अभिमान तो कभी स्वाभिमान है पिता
कभी धरती तो कभी आसमान है पिता
जन्म दिया है अगर माँ ने
जानेगा जिससे जग को पहचान है पिता...”

“कभी हंसी और खुशी का मेला है...
कभी कितना तन्हा और अकेला है...
माँ तो कह देती है अपने दिल की बात
सब कुछ समेट के आसमान सा फैला है पिता...”

व्यास नविन

FYJC - C

केरोली

अमित कुमार गोपाल दास
FYJC - I

यह कहानी १९३८ की है, यह कहानी 'केरोली' है उसपर आधारित है। 'केरोली' यह हंगरी का सर्वश्रेष्ठ विस्तोल निशानेबाज था। केरोली हंगरी के सभी राष्ट्रीय प्रतिस्पर्धा में स्वर्ण पदक जीत चुका था। केरोली ने अपने जीवन में सबसे बड़ा सपना स्वर्ण पदक जीतना था, वह भी ऑलंपिक में उसने बहुत कड़ी मेहनत की सभी को लगा कि केरोली ही विजेता बनेगा।

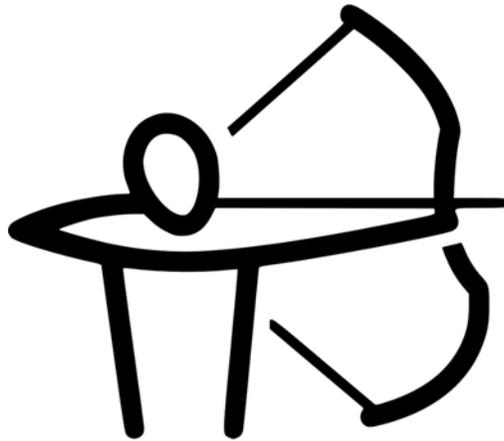
एक बार पिस्तोल चलाने के शिक्षण में एक गोले का विस्फोट हो गया इससे केरोली का दायाँ हाथ नहीं बचा उसने ९ महीने तक इलाज करवाने के बाद केरोली पुनः निशानेबाजी का अभ्यास करने लगा वह भी अपने बाएँ हाथ से क्योंकि केरोली वह था जो कभी भी हार न मानें। उसने बहुत मेहनत की पूरी जान लगा दी उसे अपना सपना पूरा करना ही था।

१९३९ में जब हंगरी में एक राष्ट्रीय स्पर्धा का आयोजन किया गया या उसमें सभी निशानेबाजों ने प्रवेश किया था, वहाँ केरोली भी उपसिती सब केरोली को देखकर बहुत खुश हुए सी ने सोचा क्या जोश है, केरोली का हमारा जोश बढ़ाने के लिए वह यहाँ आया पर बाद में केरोली ने बताया मैं भी तुम्हारे साथ प्रतिस्पर्धा में हूँ यह सुनाकर हैरान ही गए। प्रतिस्पर्धा शुरू हुआ वहाँ सभी निशानेबाजों ने अपने अपने मुख्य हाथ से निशाना लगाया केरोली ने अपने बाएँ हाथ से निशाना लगाया। उस स्पर्धा में केरोली ने स्वर्ण पदक जीता

उसने अपना सपना पूरा करने के लिए प्रशिक्षण जारी रखा पर १९४० की ऑलंपिक स्पर्धा विश्व युद्ध के कारण रद्द ही गई।

सबने सोचा केरोली का सपना पूरा नहीं होगा परंतु केरोली सबसे अलग था उसने अपने सपने के अलावा कुछ भी नहीं दिख रहा था, १९४४ का भी ऑलंपिक विश्व युद्ध के कारण रद्द हो गया सभी को लगा अब तो सचमुच में केरोली का सपना सच नहीं होगा।

केरोली अपने सपने को पूरा करने के लिए कुछ भी कर सकता था। उसने हार नहीं मानी और मेहनत से प्रशिक्षण करते रहा। १९४८ में हुए स्पर्धा ऑलंपिक में उसने प्रवेश किया वहाँ विश्व की सभी अच्छे से अच्छे निशानेबाज आए थे। सभी निशानेबाजों ने अपने सबसे प्रमुख हाथ से निशाना लगाया और केरोली ने अपने बाएँ हाथ से और इस स्पर्धा में केरोली ने स्वर्ण पदक जीता उसने अपने स्वर्ण पदक को जीतकर अपना सपना पूरा किया था। इसने अपने सपने को पूरा करने के लिए उसने पुनः १९५२ में ऑलंपिक स्पर्धा में सम्मिलित हुआ, उसने पुनः स्वर्ण पदक जीतकर वह 'विश्व का सर्वश्रेष्ठ निशानेबाज' नाम से विश्व में मशहूर है। उसने अपने सपनों को पूरा करने के लिए सबसे अधिक मेहनत करके अपने कमजोरी को ताकत बनाया।



खजाना

सागर गौड
FYJC - D

यह बहुत पुरानी घटना है यह घटना काल्पनिक है । किसी गाँव में एक आदमी रहता था । उसका नाम जयसिंह था । वो बेहद गरिबी में अपनी जिंदगी बसर कर रहा था । उसे अक्सर भूखे पेट ही सोना पड़ता था ।

एक गत उसे एक सपना आया । सपने में उससे एक आवाज ने का - “राजधानी जाआ” । वहाँ शाही-महल के पास के पुल के नीचे खजाना खोजो. “वो तो ममहल एक सपना था।” आँखे खुलने के बाद उसने सोचा । फिर उसने उस पर कोई खास ध्यान नहीं दिया । पर वही सपना उसे दुबारा फिर से आया । पर जयसिंह ने उसे फिर से नजरंदाज किया । जब वही सपना तीसरी बार आया तब जयसिंह को जाग । शायद उसमें कुछ सच्चाई हो.” उसके बाद वो अपनी यात्रा पर निकला।

बीच - बीच में उसे कोई मुफ्त की सवारी दे देता पर जयसिंह ने ज्यादातर सफर पैदल ही तय किया । जयसिंह ने लगातार अपना सफर जारी रखा । वह कभी जंगल से होकर गुजरा तो उसने कभी गर्व से तने हूए उत्साही पहाड़ पार किए। उसे एक पल ऐसा लगा की वह अपनी उम्मीद हार देगा परंतु वह अंत में “राजधानी” पहुँचा, पर जब वो शाही-महल के नजदीक वाले पुल पहुँचा तो पुल चौबीसो घंटो का पहरा लगा था । फिर खजाना खोजने की उसकी हिम्मत ही नहीं

हुई। फिर भी वो रोज सुबह पुल पर आता और शाम तक उसके आसपास ही घूमता रहता था ।

एक दिन पहरेदारो के कप्तान ने उससे पूछा कि “तुम यहाँ रोजाना क्यों आते हो?” जयसिंह ने उत्तर दिया- “उसे अपने सपने के बारे में बताया कप्तान यह सुनकर हस पडा । कप्तान ने कहा -” कितनी अजीब बात है, तुमने एक सपने के पिछे अपनी जूते तक घिस डाले,” सुनो मुझे भी एक सपना आया था, उसमें मुझे तुम्हारे शहर में जाकर जयसिंह नाम के व्यक्ति के चूल्हे के नीचे, खजाना छिपा दिखा था ।” जयसिंह यह सुनकर हैरान हो गया वह उसके बाद अपने घर वापस चला गया । वह अपने शहर वापस पहुँचा । अपने घर पहुँच कर जब उसने चूले के नीचे खोदा तो उसे एक बहुमूल्य खजाना मिला । शक्रिया अदा करने के लिए उसने एक प्रार्थना- मंदिर बनवाया । मंदिर के कोने में उसने एक तख्ती लगवाई ।

तख्ती पर लिखा था :

बिल्कुल पास की चीज जानने के लिए ।

कभी - कभी हमें बहुत दूर जाना पड़ता है ॥

जयसिंह ने कप्तान के लिए एक बहुत मंहगा लाल माणिक भेजा । उसने अपनी बाकी जिंदगी बहुत शांती से बिताई । वो दुबारा कभी भी भूखे पेट नहीं सोया ।

माँ

हर खुशी कि शुरुवात है माँ,
हँसी खुशी कि प्यारी इमारत है माँ,
जीवन जीना सिखलाती है माँ,
जग से न्यायी होती है माँ,
भगवान भी है आश्चर्यचकीत देख माँ को,
इतना प्यार करती है माँ,
वो भी चाहते इन्सान में बनता तो, मुझको
भी मिलती मेरी प्यारी माँ

दुनियाँ में सबसे प्यारी होती है माँ
जीवन का सच्चा आधार होती है माँ,
माँ का तो कहना ही क्या
खुशियों कि सौगात होती है माँ

दीपा तुंगारिया
FYJC - M

एक खुश राजकुमार

अरविंद गुप्ता
FYJC - I

एक बार की बात है। किसी एक नगर में एक राजकुमार रहता था। उस नगर में रहने वाले लोग बहुत गरीब थे। राजकुमार उन गरीबों को दान करता था, इसलिए वे लोग राजकुमार को देखकर खुश रहते थे।

एक बार राजकुमार की मृत्यु हो जाती है। सभी नगरवासी बहुत दुःखी हो जाते हैं। एक दिन सभी नगरवासी उस राजकुमार का पुतला बनाने के लिए सोचते हैं। सभी लोग पुतला बनाकर उसे सोने, हीरों तथा मोती से सजा देते हैं। उन लोगों के पास जो भी सोना, हीरे तथा मोती रहते हैं, वह खत्म हो जाते हैं और वे फिर गरीब हो जाते हैं। कुछ दिनों के बाद उसी नगर में इजिप्त में उस समय बहुत ठंडी रहती है। उनमें से एक गौरैया उस राजकुमार के पुतले के नीचे बैठी रहती है, तभी उसके ऊपर पानी के कुछ बूँदे गिरती हैं। वह सोचता है कि यह पानी कहाँ से गिर रहा है? वह देखता है कि राजकुमार रो रहा था। गौरैया उससे पुछती है, कि तुम रो क्यों रहे हो? तब राजकुमार कहता है कि इन नगरवासियों की दयनीय हालत देखकर रो रहा हूँ। राजकुमार उस पक्षी से कहता है कि क्या तुम मेरी मदद करोगी। गौरैया कहता है नहीं अब मेरा इजिप्त जाने का समय हो गया है और यहाँ पर

ठंडी बढ़ी रही है। राजकुमार उससे प्रार्थना करता है कि कृपया मेरी मदद कर दो, फिर बाद में चले जाना। वह एक ऐसी औरत को बताता है, जिसका बच्चा कई दिनों से भूखा रहा है, लेकिन वह औरत उसके लिए कुछ नहीं कर पाती है और वह आत्महत्या करने के लिए सोचती है। गौरैया को यह पता चलता है। राजकुमार उसे अपने आँख में लगे हुए हीरे को निकालकर उस औरत को देता है। फिर राजकुमार को कहता है, कि अभी ठंडी बढ़ रही है, मैं जा रहा हूँ और आते समय मैं तुम्हारे आँख की तरह एक हीरा लाकर लगा दूँगा। फिर राजकुमार सभी नगरवासियों की स्थिति उसे बताता है। अपनी मदद के लिए उसे रोकता है। गौरैया उसकी मदद करने के लिए रुक जाता है और एक-एक करके उसके शरीर से हीरे निकालकर पूरे नगरवासियों को दे-देता है। और फिर सब अमीर हो जाते हैं। तब तक ठंडी बढ़ जाती है और गौरैया मर जाता है। वह अपने स्वार्थ के लिए कभी चिंतित नहीं था।

इस कहानी से हमें यही शिक्षा मिलती है, कि कभी स्वार्थी नहीं होना चाहिए तथा दुसरो की हमेशा मदद करनी चाहिए।

काश की ये कास्ट ना होता

काश की ये कास्ट ना होता ।
कास्ट की झनझट में फिर ये कास्ट ना होता ।
यहाँ मोहब्बत होती, सर-ए-आम होती ।
हर किसी के दिल में फिर कोई बात ना होती ।
बंध जाती ये दुनिया एक दूजे की मोहब्बत से ।
बस इस दुनिया में,
काश की ये कास्ट ना होता ।

ना धर्म होता, ना जात होती ।
मजहब के नाम पर, ना फिर यहाँ कोई लड़ाई होती।
जिंदगी भी कितनी हसीन और खुशनुमा सी लगती।
किसी जन्नत में हों हम, शायद कुछ ऐसी लगती ।
मेरे दिल में सब होते और सबके दिल में मैं होता ।
बस इस दुनिया में,
काश की ये कास्ट ना होता ।

- नजीर हुसैन
TYBSC

सोशल मिडिया : फायदे और नुकसान

अवनी गोरी

FYJC - D

सोशल मिडिया !! सोशल मिडिया आज के युग के लिए एक ऐसा आकर्षण है जिसके बिना बच्चे दो पल नहीं गुजार सकते । वह सब अपने भ्रमणध्वनि में इतने व्यस्त हो चुके हैं कि उन्हें किसी और चीज़ की कोई खबर ही नहीं है।

वैसे तो सिर्फ बच्चे ही नहीं बड़े भी इस सोशल मिडिया के चंगुल में फस चुके हैं । और ऐसे फसे हैं कि वापस बाहर निकलना बहुत कठिन हो चुका है । वैसे तो कहते हैं कि सोशल मिडिया से बहुत से फायदे भी होते हैं । लोगों के दिलों-दिमाग में वह इस तरह गुस चुका है जैसे एक पागल इन्सान पर पागलपन सवार होता है ।

सोशल मिडिया में बहुत से अजिब प्रकार भी हैं जिसके पीछे आज-कल के बच्चे अपना सब कुछ मानते हैं । फेसबुक, इंस्टाग्राम, वॉटसेप, हाइक आदि इन सब के कारण बच्चे पढ़ाई कम और भ्रमणध्वनि के साथ दिखाई देते हैं ।

यह बात सही है कि हमें जो वस्तु मिली है उसका उपयोग करना चाहिए परंतु हमें उसका गुलाम नहीं बनना चाहिए । जो लोग इनके गुलाम बन जाते हैं उनका भविष्य सिर्फ और सिर्फ उसके साथ ही बितता है परंतु जो लोग अपनी बुद्धि का उपयोग करना अच्छे से जानते हैं और जो भ्रमणध्वनी के बगैर नहीं रह सकते वह लोग अपना खुदका रास्ता बनाकर इसपर चल देते हैं । और यह करने से वह पैसे भी कमा लेते हैं और उसी अपना शोक भी पुरा कर लेते हैं और ऐसा करने से उनपर या उनके भविष्य पर कोई आँच नहीं आती । आज-कल के माता-पिता ने अपने बच्चों को इतनी छुट दे रखी है कि वह उसका गलत फायदा उठाते हैं और गलत मार्ग पर चल देते जिसके कारण आगे जाकर उन्हें बहुत सी मुसिबतों और कठिनाइयों का सामना करना पड़ता है । छोटे से छोटे बच्चे को भा पता होता है कि भ्रमणध्वनी किस तरह

इस्तेमाल करते हैं । कमप्यूटर किस तरह चलाते हैं । यह सब उन्हें सिखाया नहीं जाता पर उन्हें खुद आत्मसात हो जाता है क्योंकि यह एक ऐसा नशा है जो छुड़ाने पर भी छूटता नहीं और जिसका गुलाम बनने में ज्यादा समय नहीं लगता । यह सब तो सोशल मिडिया के नुकसान हैं जो आज तक देखे हुए हैं । परंतु लोग इसमें इस तरह खो चुके हैं कि उन्हें दुनिया के बारे में कुछ ज्ञान ही नहीं है । उन्हें सिर्फ इतना ज्ञान है कि सोशल मिडिया पर क्या चला रहा है । लोग अपने काम पर भी जाते हैं तो दुनिया को दिखाते हैं कि वह कितना काम करते हैं । इसका नशा उनपर ऐसे पढ़ चुका है कि उन्हें कुछ और समझ ही नहीं ।

यह तो सब हो गया नुकसान परंतु इसके कुछ फायदे भी हैं अगर सही तरह से उनका उपयोग किया जाए तो । इससे हमें दुनिया की सारी खबरें मिलती हैं । किस जगह पर क्या चल रहा है इन सब चीज़ों का बोध हमें होता है । कोई भी वस्तु के बारे में कोई जानकारी चाहिए तो हमें चुटकियों में मिल जाती है।

यह तो कुछ नहीं है आज के युग के बच्चे तो सिर्फ इसके गुलाम बने हैं पर आने वाले युग में तो लोग भी एक दुसरे को नहीं पहचानेंगे होंगे कि उनको किसी भी चीज़ की जानकारी नहीं होगी । आज भी लोग सबको दिखाने के लिए ही जी रहे हैं । जितना बड़ा उनका फोन उतना उनका स्टेट्स ऐसा जमाना आ चुका है ।

अंत में बस इतना ही कि हर चीज़ का उपयोग पर इतना नहीं की वह आपको खुदके वश में कर ले यह करने से फायदा आपका ही है और नहीं किया तो नुकसान भी आपका ही है । आगे तो आपकी मर्जी है क्योंकि अंत में तो वही होगा जा चला आ रहा है ।



दोस्त

'दोस्त' सुंदर है यह नाम,
कई करते इसका अपमान,
दोस्त तो होता है सच्चा
और इसका बंधन होता है पक्का,
विश्वास होती है इसकी नींव,
प्यारी है इसकी बोली
दोस्त देता है हर मुश्किल में साथ,
वही होती है सच्ची दोस्ती की बात,
जिससे सजती दोस्ती कि सौगात,
दोस्त होता है ईश्वर की देन,
जिसमें नहीं होता थैक यू, सॉरी
जैसे शब्दों का लेन-देन ।
यदि बार-बार होता झगड़ा दोस्ती में,
तो सच्चा प्यार होता है दोस्ती में,
जिंदगी बहुत लंबी है, दोस्त नए बनाते चलो,
सभी के मन में दोस्ती के प्रति विश्वास जगाते चलो,
पुराने दोस्तों को भूल न जाना,
उनका भी प्यार साथ लेकर चला ।
कई दोस्ती के रिश्ते चलते बाजार तक,
कई चलते शमशान तक,
पर अपनी दोस्ती को संभाल के रख,
मेरे दोस्त,
हमें चलानी है संसार के बाद तक ।
ऊपर भी मिलना दोस्त,
साथ में भगवान से मिलेंगे,
क्यों नहीं कि हमारी दोस्ती अमर,
इस बात पर दोनों मिलकर लड़ेंगे ।

दीपा तुंगारियाँ
FYJC - M

शिक्षक

शिक्षा है यह जिंदगी
खास इसका राज है,
राज इसका है यही,
जिंदगी का यही ज्ञान है,
शिक्षक कुछ खास है इनमें
श्रेष्ठ इनका दर्जा है,
शिक्षा ही तो प्यार इनका
इस प्यार का ही तो कर्जा है,

माता - पिता देते जन्म
दूनिया में हम को लाते है
इस दूनिया में कैसे रहना,
शिक्षक ही सिखलाते है,

जीवन के अंधेरे में रोशनी कि
किरण दिखाते है शिक्षक
बंद हो जाए सब दरवाजे,
तो नए रास्ते दिखाते है शिक्षक,
सिर्फ किताबी ज्ञान नहीं देते,
जीवन जीना सिखाते है शिक्षक
भगवान के स्वरूप में,
दूसरा रूप है शिक्षक,

दीपा तुंगारियाँ
FYJC - M



काव्य 'लेखन'

हर खुशी हैं लोगों के दामन में,
पर एक हँसी के लिए वक्त नहीं ।
दिन रात दौड़ती दुनिया में,
जिंदगी के लिए ही वक्त नहीं ।
माँ कि लोरी का एहसास तो हैं,
पर माँ को माँ कहने का वक्त नहीं ।
सारे रिश्तों को तो हम मार चूकें,
अब उन्हें दफनाने का भी वक्त नहीं ।
सार नाम मोबाईल में हैं,
पर दोस्ती के लिए वक्त नहीं ।
गैरों कि क्या बात करें ?
जब अपनों के लिए ही वक्त नहीं ।
आँखों में हैं नींद बड़ी
पर सोने का वक्त नहीं ।
दिल है गमों से भरा हुआ,
पर रोने का भी वक्त नहीं ।
पैसों कि दौड़ में ऐसे दौड़े,
कि थकने का भी वक्त नहीं ।
परायें एहसासों कि क्या कदर करें ?
जब अपने सपनों के लिए हि वक्त नहीं ।

जिज्ञाशा बाबरीया

FYJC - D

माँ तेरी ये कैसी माया

दफ्तर से आओ,
तो पत्नी पुछती है "कितना कमाया?"
पिताजी पुछते हैं "कितना बचाया?"
पर केवल माँ है जो कहती है 'बेटा कुछ
खाया?'
ये होती है माँ की माया...।
अपने प्राण बच्चों पर न्योछावर करती
हमें कोई दूसरा डाँट ये कभी न सहती
माँ तेरे अंदर प्रेम का सागर है समाया
माँ तेरी ये कैसी माया...।
याद है जब पिताजी की डाँट ने रुलाया
तो तेरी ममता ने मेरा दिल बहलाया
निराश और हताश होता था मैं जब-जब
मेरे कंधे पर तेरा हाथ पाता था मैं तब-तब
सारे डर से तुने लड़ना है सिखाया
माँ तेरी ये कैसी माया...।
सोच भी न सकूँ क्या होता तेरे बीन मेरा
माँ शब्द का अर्थ ही है सुरक्षा घेरा
आज तक तेरे वात्सल्य को मैं समझ न पाया
माँ तेरी ये कैसी माया...
माँ तेरी ये कैसी माया

साहिल मिश्रा

FYJC (XI - B)



मैं और मेरा भारत

मैं तो अपने सपनों में अपनी कहानी का नायक नहीं,
मैं तो वो बेचारा शायर हूँ,
जो पल-दो-पल के भी लायक नहीं ।

मैं और मेरा भारत अक्सर यह बातें करते हैं,
इस देश को आखिर हुआ क्या है, आखिर
लोग किन-किन बातों पे मरते हैं,
मुल्ला और ताऊ में तभी बनती है,
जब निर्भया जिन्स पहनती है ।
वरना किसीको सूर्य नमस्कार से परेशानी है,
किसी को घर वापसी से है करवानी ।

कोई अफजल के मौत पे है शरमिंदा,
क्यों, दाऊद भी है आज भी जिन्दा

कोई देश के टुकड़े चाहता है
कोई अखंड भारत चिल्लाता है ।

दादर से लेकर दादरी तक,
श्रीनगर से लेकर बाबरी तक,
चन्नई से पहुँचे बंगाल,

भारत तेरा हुआ क्या ये हाल ?

कोई जलीकट्टू को माने रिवाज़,
पर बीफ खाने पे है नाशज़ ।

कोई जातीवाद पे है गुस्सा,
पर आरक्षण में है मांगते अपना पूरा हिस्सा ।
किसान आज भी मरते हैं, बारीश को लेकर डरते हैं ।

ऐ भारत जरा रुक जा तु ।
मंगलयान तो चला गया,
पर आजादी की शपथ है अधुरी ,

अबकी बार है मोदी सरकार,
५ साल है केजरीवाल,
काँग्रेस है कर्नाटक में
सब मिले-जुले है इस नाटक में ।

ये मेरा भारत नहीं है ।

ये मेरा भारत नहीं है ।

रितेश भानुशाली
FYJC

देवी

रात भीग चुकी थी। मैं बरामदे में खड़ा था। सामने अमीनुद्दौला पार्क नींद में डूबा खड़ा था । सिर्फ एक औरत एक तकियादार बेंच पर बैठी हुई थी । पार्क के बाहर सड़क के किनारे एक फ़कीर खड़ा सहगीरों को दुआयें दे रहा था - खुदा और रसूल का वास्ता... राम और भगवान का वास्ता - इस अन्धे पर रहम करो । सड़क पर मोटरों और सवारियों का तांता बन्द हो चुका था । इक्के-दुक्के आदमी नजर आ जाते थे । फ़कीर की आवाज जो पहले नक्कारखाने में तूती की आवाज थी, जब खुले मैदानों की बुलन्द पुकार हो रही थी । एकाएक वह औरत उठी और इधर-उधर चौकझी आंखों से देखकर फ़कीर के हाथ में कुछ रख दिया और फिर बहुत धीमे से कुछ कहकर एक तरफ़ चली गई । फ़कीर के हाथ में कागज का एक टुकड़ा नजर आया जिसे वह बार-बार मल रहा था । क्या उस औरत ने यह कागज दिया है ? यह क्या रहस्य है ? उसको जानने के कुतूहल से अधीर होकर मैं नीचे आया और फ़कीर के पास जाकर खड़ा हो गया । मेरी आहट आते ही फ़कीर ने उस कागज के पुर्जे को उंगलियों से दबाकर मुझे दिखाया और पूछा - बाबा, देखो यह क्या चीज है ? मैंने देखा-दस रुपये का नोट था । बोला- दस रुपये का नोट है, कहाँ पाया ? मैंने और कुछ न कहा । उस औरत की तरफ़ दौड़ा जो अब अन्धेरे में बस एक सपना बनकर रह गई थी । वह कई गलियों में होती हुई एक टूटे-फूटे मकान के दरवाजे पर रुकी, ताला खोला और अन्दर चली गई । रात को कुछ पूछना ठीक न समझकर मैं लौट आया । रात भर जी उसी तरफ़ लगा रहा । एकदम तड़के फिर मैं उस गली में जा पहुँचा। मालूम हुआ, वह एक अनाथ विधवा है । मैंने दरवाजे पर जाकर पुकारा- देवी, मैं तुम्हारे दर्शन करने आया हूँ । औरत बाहर निकल आई - गरीबी और बेकसी की जिन्दा तस्वीर । मैंने हिचकते हुए कहा- रात आपने फ़कीर. देवी ने बात काटते हुए कहा- अजी, वह क्या बात थी, मुझे वह नोट पड़ा मिल गया था, मेरे किस काम का था । मैंने उस देवी के कदमों पर सिर झुका दिया ।

- प्रेमचंद

ત્યાગ

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

ના આંસુથી, ના ગુલ્મથી,
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 બુરજે 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 ઊભિઓ ગણતું નહીં.

સુરસિંહજી તખ્તસિંહજી ગોહિલ (કલાપી)

દિકરી તુલસીનો ક્યારો

દિકરી નથી ભારનો ધ્યાલો,
દિકરી તો છે, તુલસીનો ક્યારો

જ્યાં આ સમગ્ર વિશ્વમાં, પુરૂષોનો મહત્ત્વનું સ્થાન આપવામાં આવે છે. ત્યાં આજના ૨૧મી સદીમાં મહિલાઓ પણ પાછળ નથી રહી, આજના યુગની મહિલાઓ પુરૂષો કરતા પણ વધુ નામ મેળવે છે અને બધા વૈજ્ઞાનિક થી લઈને ખેલના ક્ષેત્રોમાં પણ આગળ વધી રહી છે.

આ સદીની મહિલાઓ પુરૂષો સાથે ખભે ખાભા મળાવીને ચાલે છે. આપણ આ મહાન ભારતની જ મહિલાઓનું ઉદાહરણ લઈએ તો રાજધાનીમાં સોનિયા ગાંધી, બેડમિન્ટનમાં સોનિયા મિરઝા, આપણા શિક્ષણમંત્રી પણ સ્મૃતિ ઈરાની, કેવલ આજ નહી પણ આજની છોકરીઓ તો ચાંદ સુધી પહોંચી ગઈ છે. જેમ કે સુનિતા વિલ્લીયમ્સ મહિલાઓ ખાલી આ બધા જ ક્ષેત્રો માં નહિ પણ ઘણા અગણિત ક્ષેત્રોમાં આગળ વધી છે. તેઓ ઘર સંભાળે, બહારકામ સંભાળે અને હજી આટલું જ નહિ પણ બાળકોને પણ સંભાળે છે. અને જો એક શ્રેષ્ઠ માં અને એક શ્રેષ્ઠ ખેલાડીનું ઉદાહરણ આપી એ તો સૌથી શ્રેષ્ઠ ઉદાહરણ છે મેરી કોમા જેણે ત્રણ બાળકોની માં છે અને ઓલમ્પીકમાં તે ભારતને પદક મળ્યું છે.

આજની મહિલાઓને પણ તને ઓછી નહી સમજતા જો એ ઈચ્છે તો ચાંદ શુ એનાથી મોટી સિદ્ધી પણ પ્રાપ્ત કરી શકે છે.

જેને ઘરે દિકરી જન્મ થાય છે તે લોકોને તે ભાર

લાગે છે, કારણ એ લોકો વિચારે છે કે તે આપણને થોડી કામ આવવાની છે તે તો પરણીને ચાલી જશે, પણ આખેર માં તો એ લોકોની દિકરી જ કામ આવે છે. આવા માણસો દિકરાનો મોહમાં દિકરીનું મોલ ભૂલી જાય છે. પણ અંતે દિકરો લાત મારીને કાઢી મૂકે છે અને આવા મા-બાપને દિકરીઓજ સહારો આપે છે.

મે મારા જીવનમાં ઘણા દાન જોય છે અને કર્યા પણ છે જેમ કે બધી વસ્તુ અને ખાવાનું દાન કરે પણ આપણા દેશમાં પિતા કન્યાનું દાન કરે છે. જેને આપણે કન્યાદાન કહીએ છીએ. હું આ વાતની એકદમ જ વિરુદ્ધ છું કે દિકરીનું પોતાનું કોઈ અસ્તિત્વ હોઉં જોઈએ.

લગ્ન પહેલા પિતાનું નામ, લગ્ન પછી પતિનું નામ, આ બધામાં નામોના વચ્ચે દિકરી પોતાનું નામ ભૂલી જાય છે. જ્યાં એક તરફતો આપણે બધા દિકરીઓની કે દેવીઓની પૂજા કરે છે. ત્યાં જ બીજી બાજુએ તે દિકરી ઉપર બળાત્કાર એ તેનું શોષણ કરે છે. આ વાત સાંભળી મારું હૃદય કાંપી ઉઠે છે. કે જેનો આપણે આદર, સત્કાર કરવો જોઈએ તેનું આપણે આ હાલ કરીકે છીએ.

જ્યાં આ દેશમાં બાપ પાસે દિકરીને ભણાવવાના પૈસા નથી તો પિતાપાસે દિકરીના લગ્ન કરવા માટે લાખો રૂપિયા છે. મારી તો એક જ વિનંતી છે બધાથી કે દિકરીને દિકરાનો સ્થાન આપી જોવો તે તમને નિરાશ નહી કરે ...

“દિકરી દિકરા એક સમાન

કુદરતના રમણીય અને રોદ્ર સ્વરૂપો

કુદરતમાં અપાર વૈવિધ્ય રહેલું છે. વસંત, ગ્રીષ્મ, હેમંત, શરદ અને શિશિરમાં કુદરતના જુદા જુદા શણગાર સજે છે. કુદરતના રમણીય અને રોદ્ર એમ બંને રૂપોનો અનુભવ થાય છે.

શરદઋતુમાં કુદરતના પ્રફુલ્લ વદને સ્મિત વેરે છે. ખેતરોમાં રેલાતો સોનેરી રંગનો તડકો, હવાથી ડોલતી ફસલો વગેરેમાં કુદરતના રમ્ય સ્વરૂપોના દર્શન થાય છે. જુવાનિયાઓ દાંડિયારાસની રમઝટ રેલાતીને કુદરતના

સૌંદર્યને માણે છે. વસંતઋતુમાં ખીલી ઉઠેલા પુષ્પો અને ડાળીએ ડાળીએ ફૂટેલી ફૂંપળો દ્વારા કુદરતના રમ્ય સ્વરૂપોનો અનુભવ થાય છે. તેથી જ કોઈએ સત્ય જ કહ્યું છે,

એ શ્રાવણ નીતર્યો સરવડે કોઈ ઝીલો જી
પેલાં રેલી ચાલ્યાં રૂપ કોઈ ઝીલો જી

વસંતઋતુમાં કુદરતના રમ્ય સ્વરૂપોની ઉદાહરણ પામે છે. ખળખળ વહેતા ઝરણાનો કલકલ ધ્વનિ, ખેતરોમાં લહેરાતો હરિયાળી મોલ, મચ્છરોનું મનમોહક નૃત્ય, આકાશને સપ્તરંગે રંગી દેતું મેઘધનુષ્ય વગેરે દ્વારા કુદરતના રમ્ય સ્વરૂપના દર્શન થાય છે. રાતના અંધકારમાં ટમટમતા તારલા, ઝબૂક ઝબૂક થતા આગિયા અને આકાશ ગંગાની આભા વગેરે દ્વારા પણ કુદરતના રમ્ય સ્વરૂપના દર્શન થાય છે. કુદરતના હાસ્ય વેરતાં રમણીય સ્વરૂપો આપણને સ્વર્ગીય આનંદ આપે છે.

કુદરતનું એક સ્વરૂપ રમણીય છે, તો બીજું ચૈદ્ર સ્વરૂપ પણ છે. કુદરત આપણને ક્યારેક તેના ચૈદ્ર સ્વરૂપનું અનુભવ પણ કરાવે છે. વર્ષાઋતુમાં ક્યારેક અતિવૃષ્ટિ થાય છે. પૂરોના પાણી ગામોમાં અને ખેતરોમાં ફરી વળે છે. જાન માલની ભારે હાનિ થાય છે. તો ક્યારેક વર્ષાઋતુ વરસ્યા વિના જ પસાર થઈ જાય છે? ત્યારે પાણીની ભયંકર અછત સર્જાય છે. ખેતરો વેરાન થઈ જાય છે. ખેતરોમાં અનાજ પાકતું નથી, કાળનોય કાળ એવો દુકાળ અનેક માનવીઓ અને પશુઓનો ભોગ લઈ લે છે.

ક્યારેક કુદરત વાવાઝોડું ફુંકીને તેની વિનાશલીલાનો પરચો ખતાવે છે. વાવાઝોડા વખતે કુદરત તાંડવ નૃત્ય કરે છે. કેટલાંય તોર્તિંગ વૃક્ષો જડ-મૂળમાંથી ઉખડીને ઘરાશયી થઈ જાય છે. દરિયાના મોજાં ઊંચે ઊછળે છે, ત્યારે હોળીઓને દરિયાના પેટાળમાં પધરાવી દે છે. મકાનો તેમજ ટેલિફોન અને વિજળીના થાંભલા જમીન પર પડી જાય છે.

ક્યારેક કુદરત ભૂકંપ કે જવાળામૂખી વડે તેના ચૈદ્ર સ્વરૂપોનો અનુભવ કરાવે છે. ભૂકંપને લીધે નાની મોટી ઈમારતો જમીનદોસ્ત થઈ જાય છે. ત્યારે માનવ ખુવારી થાય છે. રસ્તાઓ તૂટી જાય છે. જ્યાં જળ હોય ત્યાં સ્થળ એ જ્યાં સ્થળ હોય ત્યાં જળ થઈ જાય છે. નદીઓની દિશા પણ બદલાઈ જાય છે. તો ક્યારેક ગીચ વસ્તીમાં આગ ફાટી નીકળે ત્યારે ભારે તારાજી થાય છે. આમ આ બધી ઘટનાઓમાં કુદરતના ચૈદ્ર સ્વરૂપોનો અનુભવ થાય છે.

કુદરતના રમણીય અને ચૈદ્ર એમ બંને રૂપોના દર્શન કરાવીને તેની અગાદ શક્તિનું અને માનવીની પામરતાનું ભાન કરાવે છે. કુદરત આગળ માનવીનું શાણપણ હંમેશાં નિરર્થક પુરવાર થયું છે. તેથી જ કવિ કલાપીએ કહ્યું છે કે....

“જે પોષતુ તે મારતું, શું એ કમ કુદરતી ?

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સિદ્ધી તેને જઈ વરે જે પરસેવે ન્હાય

“સૂર્ય વિના પ્રભાત નહિ,
ચંદ્ર વિના રાત નહિ,
શ્વાસ વિના જીવન નહિ,
તેમ જ મહેનત વિના ફળ નહિ.”

મનુષ્ય આજે સિદ્ધી મેળવવા માટે ખૂબ જ આતુર બની ગયો છે તેને મહેનત વિના મીઠાં ફળ ખાવાની ઈચ્છા છે. માટે જ ઉપયુક્ત પંક્તિમાં ઉદાહરણ દેતાં કહું છું કે આ જગતમાં મહેનત વિના કંઈ જ નથી.

જે મહેનત કરે છે તેને હંમેશાં સિદ્ધી મળે છે. જે નથી કરતો તેને અસિદ્ધી મળે છે. આપણે હંમેશાં સૂર્ય જેવા થવું જોઈએ, કારણ કે સૂર્યને પોતાના પ્રકાશ માટે કદી કોઈનો આધાર લેવો પડતો નથી. જેમ ચંદ્રને પોતાની ચાંદની માટે સૂર્યનો આધાર લેવો પડે છે. આજના તંત્રજ્ઞાન યુગમાં મનુષ્ય યંત્ર પર આધારિત રહે છે. યંત્ર પર પૂર્ણ રીતે આધારિત રહેવાથી કંઈ નફો નથી આપણે આજ કાલ સમયને માન દેવાનું ભૂલી ગયા છીએ. માટે જ શ્રી.

હરિભાઈ કોઠારી પોતની પંક્તિ દ્વારા સમયનો કંડાર કરી ગયા છે કે...

“કામ કરો કામ કરો ભાઈ, ખોટો ખોટો ના પ્રમાદ કરો ભાઈ..”

બીજા પર આધાર રાખશું તો કદી ન કદી નિષ્ફળતા મળશે જ. જાત મહેનત હંમેશા સફળતા ના માર્ગ પર જાય છે. સૌને આજે સફળતા જોઈએ છે. ધનવાન બનવું છે. મોટાં મકાન, વાહનો વગેરે વસ્તુઓ ઝડપથી જોઈએ છે. માનવી કરતાં પહેલાં પરિણામની ચિંતા ખૂબ જ કરે છે? શ્રીકૃષ્ણ ભગવદ્ગીતામાં અલંકૃત કરી ગયા કે

“માનવીએ કદી મહેનત નો સાથ છોડવો નહિં, ફળની અપેક્ષા રાખવી નહિ.”

મહેનત કરીને આગળ વધનારા વિશ્વમાં પોતાની અલૌકિક છાપ છોડી જાય છે જેમ કે એ.પી.જે. અબ્દુલ કલામ, શિવાજી મહારાજ, કવિ કાલિદાસ, મહાત્મા ગાંધી વગેરે એ પોતાની મહેનત દ્વારા પોતાની છાપ દુનિયામાં છોડી ગયા. માનવી પોતાના પર દટ વિશ્વાસ, કંઈક કરી છૂટવાની ભાવના રાખે તો તે ગગનચુંબી સફળતા પ્રાપ્ત કરી શકે છે.

માનવી મહેનત કરીને ઘણીવાર નિષ્ફળતા પ્રાપ્ત કરે છે. પરંતુ,

નિષ્ફળતા એ જ સફળતાની ચાવી છે.

એ.પી.જે. અબ્દુલ કલામ પણ પોતાના વિચારો વ્યક્ત કરતાં કદી ગયા કે

F — First
A — Attempt
I — In
L — Learning

મહેનત કરશું તો નિષ્ફળતા નહિ તો સફળતા મળશે. માનવી એ કદી પણ પોતાના ઉપર અવિશ્વાસ ન કરવો. મહેનતનો સાથ અને સમયનો હાથ કદી ન છોડવો. ફળ અવશ્ય મળશે પણ તેના માટે કદી વ્યથિત ન થવું.

“શું ધાર્યું તું, શું થઈ ગયું,
કા એમ તું બોલ્યા કરે,
આ સૃષ્ટિતણા સંસારમાં
ગમે તેમ થયાં કરે”

અંતમાં ફક્ત એટલું જ કદીશ કે તારાઓ હંમેશાં અંધકારમાં જ પ્રકાશ આપે છે. સૃષ્ટિનો નિયમ છે સુખ પછી દુઃખ આવે દુઃખ જોઈશું તો સુખનો સમય આવશે. જીવનમાં મુશ્કેલીઓ આવે તો વૃક્ષની જેમ અડીખમ ઊભા રહી તેનો સામનો કરવો અને હંમેશા યાદ રાખવું કે

પરિશ્રમ એ જ પારસમણી.

મૈત્રી

હર્ષદા સંજય જેઠવા

૧૨ - બ, (SYJC-B),

૨૦૧૩ (૨૦૧૩)

શિળાયાની ઠંડી ની, ચાહ જેવી મૈત્રી,
ઉનાળાના તડકાનો, છાવ જેવી મૈત્રી,
વરસાદના પાણીની, મજા જેવી મૈત્રી,
બધી ઋતુમાં દેતી સાથ, એવી છે દિલોખન જેવી મૈત્રી,

ફેબ્રુ, સખી, મિત્ર, વગેરે નામોથી મૈત્રી ઓળખાય છે. મૈત્રી ઓળખાય છે મૈત્રી આ એક જ એવો સંબંધ છે, જે આપણે આપણી પસંદગીથી કે સ્વર્ણસ્થિત બનાવી શકીએ. મૈત્રી એટલે ફક્ત દોસ્તી કરવી કે વાતો કરવી

એ નહીં પણ મૈત્રી એટલે એક બીજા પર રાખેલો વિશ્વાસ, એકબીજાના લાગણીઓની કદર વગેરે રીતે મૈત્રી ઓળખાય છે.

મૈત્રી કરતી મિત્ર બનાવવા એ કંઈ અઘરી વાત નથી. જન્મ થતા જ આપણી પહેલી મિત્ર એટલે આપણી માતા. માતા જ આપણા પૂર્ણ આયુષ્યની સૌથી પહેલી, સારી અને કદી ન તૂટે એવી (મૈત્રી) મિત્ર હોય છે. તેમની પાસે આપણી દરેક બાબતની બાણકારી હશે આપણને શુ ગમે, શુ ભાવે છે, આપણી પસંગ, નાપસંદ વગેરે ઘણી બધી બાબતની ફક્ત માતાને જ બાણકારી હોય છે. તે આપણને રોકે છે. ટોકે છે, ક્યારે મારે પણ છે. પણ તે આપણા સારા માટે તો કરે છે એટલે આપણે ભવિષ્યમાં તે બાબત માટે કોઈબીજા ટોકે નહીં. શાળા દરમ્યાન આપણા અનેક મિત્રો બને છે. શિક્ષક પણ આપણા સારા મિત્ર હોય છે. કારણ કે શિક્ષક જ આપણને સારી, ખોટી કે સાચી બાબતોની ઓળખાણ કરાવે છે. તે કહે છે ત્યારે આપણને ગમતું નથી. પણ તે બાબત આપણને ભવિષ્યમાં ખૂબ મદદરૂપ થાય છે. વર્ગમાં મિત્રો સાથે તો આપણે સંપૂર્ણ દિવસ શાળામાં રહીએ છીએ. તેમની સાથે કચેલી મસ્તી, વાતો વગેરે જૂદા થયા પછી ખૂબ યાદ આવે છે.

અમારા પૂર્ણ વર્ગની મૈત્રી ખૂબ સારી હતી. બધા એક બીજા સાથે હળી મળીને રહેતા, કામ (પ્રોજેક્ટ) કરતા, જમતા, રમતા, ભણતા અને ખૂબ મજા કરતા અને જે ક્યારે વટ (શિક્ષા) ખાવી પડે તો બધા સાથે મળીને સાંભળતા. એક વખત વર્ગમાં શિક્ષક ન હતા, અમે બધા વાતોમાં એટલા ખોવાઈ ગયા કે ધ્યાન જ ન રહ્યું કે બાબુમાં બીજા વર્ગ ભણે છે. ત્યારે અમારા વર્ગ શિક્ષિકા બહેને અમને બધાને બેચ્ચ પર ઉભા રાખ્યા હતા. તે શિક્ષા ભોગવવાની પણ એક અલગ જ મજા હતી. પરંતુ અમારા વર્ગમાં એકતા હતી. અમારો વર્ગ મસ્તી અને ભણવામાં બંનેમાં પહેલો નંબર લાવતો. એવી અમારી મૈત્રી હતી. શાળાની દરેક ટ્રીપમાં હંમેશાં બધા સાથે જતા. કોઈ મૈત્રીને પૈસાની તકલીફ રહેતી તો અમે બધા થોડા થોડા કરીને

જમા કરતા અને તેને પણ અમારી સાથે ટ્રીપમાં લઈ જતા. શાળાની ટ્રીપ હોય કે શાળાનો કોઈપણ કાર્યક્રમ અને સૌ ખુશી ખુશી તેમાં ભાગ લેતા.

૧૦મા ધોરણની બોર્ડની પરીક્ષા સમયે અમારા વર્ગનું ૧૦૦ ટકા પરિણામ આવેલું. જેથી અમારા આચાર્ય ખૂબ ખૂશ થયેલા. કારણ અમે બધા મળીને ગ્રુપમાં ભણતા એટલે બીજાને શિખવાડી પણ શકાય અને પોતાનું પુર્નરાવર્તન થઈ જાય. આવી હતી અમારી શાળાના મિત્રોની મૈત્રી. હવે શું ખબર આવી મિત્રતા ક્યા અને ક્યારે મળશે એની કંઈ જ ખબર નથી. કોલેજમાં આવ્યા છતાં પણ અમે સૌ ક્યારે ને ક્યારે મળતા રહીએ છીએ અને હાલમાં પણ અમારા મિત્રો અને મિત્રતા એવી જ છે કંઈજ ફરક પડ્યાં નથી. તેવી જ મસ્તી, તેવી જ હેરાન કરવાની આદત.

મૈત્રી એટલે એવી સંબંધ કે જે સારો હોય તો ભવિષ્ય સુધારી દે છે પણ એક જ ફક્ત એક જ ખોટી મૈત્રી ભવિષ્યને ખરાબ પણ કરી નાખે છે. સારા ૧૦૦ મિત્રોની સંગાથ રાખવી પણ ખરાબની એકપણ નહીં રાખવી. ખરાબ મિત્રોની સંગાથથી આપણું ભવિષ્ય, વર્તમાન બધી રીતે ખરાબ થાય છે અને એની સાથે રહેવાથી આપણા ચરિત્ર પર પણ સવાલ આવે છે. માટે હંમેશા મિત્ર એવા શોધો કે જેને તમારી કે તમારા ભવિષ્યની ચિંતા હોય એટલે કોઈ મહાન કવી કહ્યું છે “મિત્ર એવા શોધો સુખમાં પાછળ પડી રે, દુઃખમાં આગળ હોય”.

એટલે મિત્રતા કરો પણ એવી વ્યક્તિ સાથે જે આપણને આપણા ભવિષ્યમાં પ્રગતિના પંથ તરફ લઈ જાય અને હંમેશા મિત્રતા સાચવી રાખવી જોઈએ. મિત્રતા એ પણ આપણા જીવનમાં એક મહત્વનો ભાગ ભજવે છે. એટલે તો કહેવાય છે.

“યારો દોસ્તી બડી હી હસીન હૈ, ચે નાહો તો ફીર બોલો ક્યા ચે ઝીંદગી હૈ ”

TOPPERS



Raveena J. Biswas
Botany, TY BSc. SEM V/VI



Laxmi Prajapati
Chemistry, TY BSc. SEM V



Anjila Siddiqe
TY BSc SEM VI



Sumit Raghunath Pai
Geology, TY BSc. SEM V/VI



Mr. Shailesh Singh
Mathematics, TY BSc. SEM V/VI



Shivani Parab
Microbiology, TY BSc. SEM V/VI



Mr. Amish Parmar
Physics, TY BSc. SEM V/VI



Mr. Usmani Ayesha
TY BSc. SEM VI



Mr. Vinay Jadhav
Statistics, TY BSc. SEM V



Mr. Ashish Gurunat Mahatre
TY BSc. SEM VI



Megha Gupta
Botany, MSc. III/IV



Allan Dunn
Chemistry (Physical), MSc. SEM III/IV



Chandrakala S. Prajapati
Chemistry, (Inorganic) MSc. SEM III



Shabana Abukalam
MSc. SEM IV



Forum Joshi
Chemistry (Organic), MSc. SEM III



Sunita Chaudhary
MSc. SEM IV



Suraj Shivaji Sawant
Chemistry (Analytical), MSc. SEM III/IV



Dhadi Arun Laxman Shobha
Geology, MSc. III/IV



Kiran Maurya
Microbiology, MSc. III/IV



Ms. Shifa Sofewala
Physics, MSc. III/IV

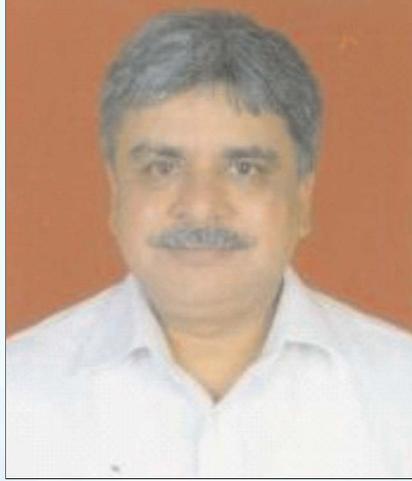


Mr. Simab Khan
TY BSc. SEM V

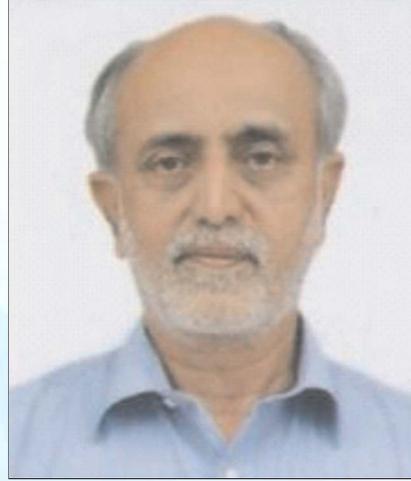


Ms. Azellia Lopez
MSc. III

BIDDING FAREWELL



Dr. Vijay Joshi
Principal



Dr. Rajendra Nayak



Mrs. Shailaja Girishankar



Dr. Bhanu Raman



Mr. V. Pachupute



Mr. Y. P. Athawale



Mr. R. Kule



Department Reports



Department of Biochemistry

- The results from the department for the academic year 2017 – 18 examinations were 100% at the T.Y.BSc and M.Sc level.
 - An alumni talk by Ms.Himani Chowhan was conducted in the Department of Biochemistry on 15th July 2017, where she interacted with the M.Sc students. She shared her experiences about the nature of the work she does and provided guidance to the students about various career opportunities in management and other fields after completion of the studies.
 - The department of Biochemistry had organized an interaction with the parents of T. Y. B. Sc. and M.Sc. Biochemistry students on, 29th July 2017. There was an open dialogue between - Dr. S. M. Pawaskar, Head, Department of Biochemistry and the parents about the subject, departmental strategies and the future prospects of Degree and Post degree courses in the subject of Biochemistry and related areas, in India and Abroad.
 - An interactive session by Mr.Satish Gupta (Senior Assessor/ Food Scheme Manager, Indian Register Quality Systems (IROS), Mumbai) was conducted in the Department of Biochemistry on 4th August 2017 for T.Y.B.Sc and M.Sc students. He provided valuable insights about careers in Food Auditing.
 - Department conducted Food product development practicals with a theme for healthy sweets for Ganpati festival.
- Output:** Two media coverages:
- I. Marathi newspaper “Mumbai Maharashtra Times (Advertorial, entertainment promotional feature, page 1)” Thursday 31st August 2017
 - II. Bombay Times, The Times of India page 8 Friday 1st September 2017.
- Nutritional awareness program was organized on 11th, 12th and 13th January 2018 under the banner of “Health Fair 2018” in association with Maker mela. It was based on the theme” We are What we eat – Let food be your medicine”. Three Exhibition stalls were rolled out for spreading general awareness about health, healthy food habits and role of nutrition in maintaining good health. Overall More than 2000 visitors from different fields visited “ Health Fair 2018”.
- Output:** The entire activity was supported by Aakash Vani 106.5 FM Gold by interviewing Dr. S. M. Pawaskar, Head, Dept. of Biochemistry on 10th January’ 2018 on their esteemed channel.
- Biochemistry department had organised a ‘Routine Biochemical tests package’ for the entire staff, students of Somaiya Vidyavihar and staff of Somaiya Head office on 11th, 12th and 13th January 2018.
 - Dr. S.M.Pawaskar was a Resource person for a lecture, “Research and consultancy promotion” at the workshop “Academic Excellence and Autonomy” conducted by Mithibai College on 7th April 2017.

Student’s Activities (Participation in Competitions/Cultural activities/Sports / Curricular/Co-Curricular Extra-Curricular activities)

Sr. No.	Name of the student	Class	Name of the event	Date	Venue	Awards/Prizes, If any
1	Nidhi Sachdev	TYBSc	Microscope -2017	19 th August 2017	KJSSC	2nd in Biomimic
2	Khushi	TYBSc	Microscope -2017	19 th August 2017	KJSSC	2nd in Biomimic

3	Priyanka Panchal	TYBSc	Microscope -2017	19 th August 2017	KJSSC	Participated in Art Attack
4	Parth Patel	TYBSc	Microscope -2017	19 th August 2017	KJSSC	Participated in Art Attack
8	Khusbhu Doshi	TYBSc	Biotechnova'17	4 th Dec 2017	KJSSC	1st Runner up in Spotlight
9	Nidhi Sachdev	TYBSc	Biotechnova'17	4 th Dec 2017	KJSSC	1st Runner up in Spotlight
10	Sani Elizabeth	TYBSc	50th inter-collegiate/ intitute/ Department Zonal/ District Youth Festival	18th August 2017	Bunts Sangha's S. M. Shetty College	2nd rank in Indian group Song
11	Sani Elizabeth	TYBSc	50th Youth Festival	7 th September 2017	Sir cowasjee Jehangir convoca-tion Hall, Fort	
12	Aradale Kiran Mukund	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
13	Bandekar Aditee V	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
14	Chavan Rahul P	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
15	Chavan Sukanya Suresh	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
16	Dutta Soma Anupkumar	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
17	Harne Manisha Maruti	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
18	Jaorawala Humaira T	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
19	Kakhandki Laxmi J	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	

20	Muni Shreemant Praful	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
21	Padhi Shrihari Parikshit	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
22	Palan Kunal Dilip	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
23	Panda Krutika	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	Won 2nd prize best poster award
24	Salve Renuka Mahendra	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
25	Sanaye Sanjana G	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
26	Shah Drashti Dhiren	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
27	Shinde Shailaja D	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
28	Sutar Sampat Shelar	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
29	Wadagbalkar Pallavi S	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	
30	Aishwarya Ramesh	MSC II	Poster competition on the occasion of National Science Day	28th February 2018	KJSSC	

Department of Biotechnology

- “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 power-point presentations by the S.Y.B.Sc. and T.Y.B.Sc. students on related biological topics. Every year the theme is changed and selected as pertaining to their respective syllabi.

This year „Biozone was held on 19th and 20th July 2017. The topics selected were “Enzymes” for S.Y.B.Sc and “Traditional foods and their nutritive value” for T.Y.B.Sc. The topics were given well in advance (during their summer break) to ensure maximum preparation of the students. 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 students of SYBSc and TYBSc performed exceptionally well .

- On 24th July 2017, a one day visit to Green roots farm- Mushroom cultivation farm, located at Shahapur, Asangaon-West was organized by Department of Biotechnology for the students of T.Y.B.Sc and M.Sc part-2. They were explained the requirements and procedure for cultivating Oyster mushroom (*Pleurotus sajor caju*) by Mr. Yash Jaisinghani and Ms. Nandita Iyer. They were also demonstrated the procedure for bag filling.
- The students of SYBSc and TYBSc Biotechnology are required to visit industries and research related establishments as a part of their curriculum. Pune is a place which houses a multitude of national and private biotechnology industries and institutes. Keeping this in mind, the department organised an industrial visit to Pune from 18th August 2017 to 22nd August 2017. Two faculty members, viz. the HOD, Dr. Kamalrookh Marolia and Dr. Jacinta George accompanied 20 Biotechnology students, 11 of SYBSc and 9 of TYBSc on this visit.

During the visit, they went to three biotechnology based industries, viz. Kumar Florists Bioplants, Deccan Winery and Thopte Biotech along with one research institute, viz. Vasantdada Sugar Institute. **Kumar Florists Bioplants** is one of the largest biotechnology industries in India with international tie ups. General introduction followed by rounds of the various facilities such as PTC aseptic unit, hardening units with specialised fan pad systems were shown. Students learnt about different types of plant culturing methods especially that of hydroponics which they were using for rose production. **Thopte Biotech** also gave them a similar background where they additionally saw production of various nursery horticultural plants. **Deccan Winery** is a large organisation under which they have different industries such as wine making, corn industry, etc. The students received a very good industrial exposure at this place where the entire process from farming of the raw material (crops) through

processing to marketing was very aptly portrayed and explained. Huge fermenters, corn peelers were among some of the industry-scale equipments witnessed. At **Vasantdada Sugar Institute**, they were given a very elaborate tour of the various units like biofertilizer unit, plant tissue culture unit, molecular biology unit and bioprocessing unit. Additionally they had an exposure to high-end instruments such as Gene gun, HPLC, GC, FTIR among others.

The industrial visit could be summed up as being an extremely rewarding exercise – a perfect blend of learning and adventure. The students returned enriched with an experience of the avenues biotechnology offers giving them confidence of a bright future.

- **BIOLUTION 2017** was held on 9th December 2017 at **Sophia college Bhabha Auditorium**
Organized by: Biosolutions 2017 It was
Invited audience: Colleges from Mumbai

The inauguration was followed by a video message from founder of Biocon Ms. Kiran Mazumdar – Shaw and letting them know how even students can be part of big world, do great things and leave a mark on this society. The second person to address the students was Mr. Tavinderjit Singh Vasudeva who linked up on Business aspect related to biotechnology. He had background of working in a Pharma Company for 24 years and explained how the work ethic and constant hard work can head us to somewhere really big. His advice on entrepreneurship helped several young minds in crowd to look at biotechnology in a business startup view. Then Dr. Gary Hix from University of Wolverhampton spoke on global opportunities in Biotechnology, and about research at their university. This helped students understand how doing to higher studies in abroad can benefit them. All lecture series was followed by a questionnaire from students to respective professor on topics he taught. The next lecturer was Dr. Dwarkesh Parihar as he taught us the food and agriculture Biotechnology and why BT cotton is not grown that much in India. The next lecture was by speaker Ms. Pooja Ramchandani, who spoke on Genetic counselling and its important who explained.

The session started soon by company members of Borosil about various techniques and process their glassware undergoes to provide us the best

glassware's. The next lecturer was Country President of Novartis India Mr. Jawed Zia, who explained the told us about working in globalized work, the value of smart work and the efforts that their company takes along with a beautiful video of a man who was treated under efforts of their company. The

last session was by Sreesha Srinivasa from Biocon company who spoke about Medical Biotechnology and also brief us a bit a about their research in Biocon. The crowd was really happy to ask questions as they felt that they could seek solutions from experts in the field.

Department of BFM / BMS / BCAF

The department initiated a tree planting drive in July 2017. The students and teachers brought a wide variety of saplings and planted them at various places in the locality. They took a pledge to nurture those plants. With the help of this plantation programme they are able to contribute some part towards our environment on the event of "Vanrishi mahotsav" which was announced by the Prime Minister Mr. Narendra Modi. *They planted nearly 150 saplings namely:-*

1) *Lantana* 2) *Panphuti Shrubs* 3) *Lemon*
4) *Murraya Koenigi* 5) *Mimosa* 6) *Pentas* And
7) *Sadaphuli*.

• The International Yoga Day was conducted by a Yoga instructor Miss. Jaishri Joshi in June 2017. There was a large participation of students for yoga day. The Yoga session started with some basic exercise to warm up the body along with involvement of the students. Our teaching faculty was also a part of this amazing yoga session. During the whole yoga demonstration every one learnt different types of asana and their importance in their lives.

• Induction programme on 25th July, 2017: -

Students of FYBFM, FYBMS, FYBAF courses attended the induction programme on 25th July, 2017. This programme provided the detail information on add on courses and evaluation pattern of Regular and ATKT exams.

• On 8th September, 2017, teacher's appreciation was done by writing poems, letters or notes of appreciation, A lot of activities including dance, dramas were organized by the students to make the occasion a grand affair for their teachers. This provided an opportunity for the students to show their respect and love for their teachers. The celebration was enjoyed by both students and teachers with great zeal and enthusiasm.

• November 26 would go down in history as a black day. All students came together to pay their respect to the ones who fell during the terror attacks. candle-lit memorials were held by our Students along with singing National anthem

• The students presented on GST and had published research papers in the ISBN Journal. The Goods and Service Tax Act was passed in the Parliament on 29th March 2017. The Act came into effect on 1st July 2017. The following students had presented papers: -

Mr. Vikas Tiwari, TYBFM, Presented paper on GST

Mr. Ashutosh Ganatra, TYBMS, Presented paper on GST

Mr. Dhruvin Rambhia, TYBMS, Presented paper on GST

Mr. Pratik Mehta, TYBMS, Presented paper on GST

Mr. Mohammed Badami, TYBMS, Presented paper on GST

Mr. Sanket Jain, TYBMS, Presented paper on GST

• Students from BAF, BFM & BMS have participated in many sports games. The FYBFM Students who prizes on sports day are :-

Rishikesh - FYBFM

Abhinav - FYBFM

Ben Mathew - FYBFM

• The Department of BCAF, BFM & BMS had jointly organized, the "Empresa" Intercollegiate fest on 15th and 16th December, 2017. The fest was organized with the objective to provide platform for the students to showcase their talents. The sponsors of the event were Rambhia Foods, Snow Kingdom, Movie Maker. On 15th December, 2017, the first day started with the following competitions:-

- Debate, Crack it, Quiz, Cricket, Football, Photography, Mehendi & Nail Art

On 16th December, 2017, the second day of the event commenced with the following events: -

- Mr. & Ms. Empresa, Dance

The two-day event which got an overwhelming response saw the participation of the students from nearby colleges. Overall students learned to organize events from persuading sponsors, pre- event flash mob, informing the program to other college students through social media and campaigns.

The Department of Accountancy and Department of BFM, BCAAF & BMS and B.Com jointly organized a visit to Bombay stock Exchange in December, 2017 for the students of K.J.Somaiya College of Science & Commerce. 85 students visited BSE along with three faculties:- Ms. Pooja Matlani, Mr. Satish Bhor, Mr. Nikhil Phansekar.

The training session started at with lecture by Prof. Anita Toshniwala from BSE Institute. She spoke about the events affecting stock markets. She gave examples of the current scenario of demonetization, and how the market sentiments will change the trading volume on the stock exchange. She also spoke on international events which have a ripple effect on the Indian stock market. This was an interactive and enlightening session. The most interactive students from TYBAF, TYBMS and TYB.Com bagged prizes during the session.

- Students have prepared posters on the current topics and presented on 28th Feb, 2018. Students of TYBFM participated in the poster presentation are :-

Ms. Ritika Jain

Mr. Pratik Sadlapur

Ms. Shivani Hebbali
Mr. Suraj kumar Yadav
Ms. Khushboo Tiwari
Mr. Ashutosh Ganatra
Ms. Pooja Shilpi
Mr. Dhruwin Rambhia

- The following is the list of companies who had conducted aptitude test and interviews for shortlisting candidates from our third year batch: -

- WNS company had shortlisted 17 students from the Third Year Batch
- Finrex company had shortlisted 2 students from the Third year Batch
- Kira -9 for content writing and Relationship management. This company had shortlisted 5 students from the Third year Batch
- Furtadous music school for HR and Marketing profile have conducted interview of the students
- Tata AIA Insurance for sales and Business Development
- Ghabawala CA firm for filing of returns, finance and Accounting
- Gift Station, customized gift for the Generalist – managing online portals & inventory management, accounts, admin and marketing (online/ offline)
- Constellation Blu for the job role of accounting, taxation and Due Diligence
- SBA, CA firm for the job profile of accounting, taxation and audit.

Department of Botany

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

- Parent Teacher's meeting was organized on 29th July 2017 for S.Y.B.Sc. and T.Y.B.Sc students. During this session the parents interacted with the teachers. Various activities of the department

for students, attendance remedial coaching , tutor mentor scheme, attendance, certificate course were discussed.

Invited Talks /Workshops.

- Motivational talk by Dr.Shrirang Joshi, Psychiatrist was organized on 20th June 2017. T.Y.B.Sc and M.Sc students attended the same.

- One day workshop on “ Ikebana- Flower arrangement “ by Mrs.Priyanka Khandekar was organized on 18th July 2017 .Total 20 students participated in the workshop.
- A One day workshop on “Fruit and Vegetable carving “ by Mrs. Ashwini Oak was organized on 14th August 2017 .Total 21 students participated in the workshop.
- Motivational talk By Dr. Radhakrishnan Pillai was organized on 13th Jan 2018. T.Y.B.Sc and M.Sc students attended the same.
- A lecture on “ How to document a scientific Research “was delivered by Dr.Ketan Thatte on 10th March 2018.16 students attended the same.

Conferences / Seminars /Workshops attended.

- Mrs.Supriya Janbandhu, Dr. Veena Salvi and Dr.Vinaya Rane attended a three days workshop on Flipped learning Pedagogy from 8th June to 10th June 2017 at K.J. Somaiya college of Science and Commerce.
- Mrs.Supriya Janbandhu ,Dr.Meena Patankar and Dr.Vinaya Rane attended a one day workshop on Curriculum Designing for degree college teachers on 14th July 2017 at K.J Somaiya college of Science and Commerce.
- Dr.Veena Salvi attended a workshop on Bioinformatics from 14th July to 16th July 2017 at Dept of Microbiology, KJSSC.
- Dr.Veena Salvi attended a workshop on Statistical Analysis using R-Software on 22nd July 2017 at Dept of Statistics ,KJSSC.
- Mrs.Supriya Janbandhu attended a workshop on STEM Teachers training based on pedagogical tools from 6th Oct. to 9th Oct.2017 at Pt. Ravishankar Shukla University, Raipur.
- Mrs.Supriya Janbandhu attended a workshop on Self-development in the context of spirituality from 30th Jan to 3rd Feb 2018, IQAC, KJSSC.
- Mrs.Supriya Janbandhu and Dr. Meena Patankar attended a workshop on Promoting Agristartups in Maharashtra state on 21st Feb. 2018 at The Indian Merchants’ Chamber.

- Mrs. Supriya Janbandhu attended a conference on Curriculum Design and evaluation on 12th and 13th Jan .2018 at KJSSC.
- Mrs. Supriya Janbandhu and Dr.Ketan Thatte attended a workshop on Career opportunities in waste management on 7th April 2018 at PMA,Pune.
- Dr. Veena Salvi and Dr.Ajit Katdare attended conference on STEM cells and cancer –INDIA 2018 on 5th Feb .2018 at Somaiya Vidyavihar.
- Dr. Ajit Katdare attended a conference on Emerging trends in Mycotechnology on 5th and 6th Jan 2018 at Momin college.
- Dr. Ketan Thatte attended a workshop on Lecture series in biotechnology on 21st and 22nd Sept. 2017 at DY Patil school of Biotechnology.

Field visits and excursions :

- A one day excursion was organized on 1st July 2017 at BPT garden, Colaba and Jijamata Udyan, Byculla for T.Y.B.Sc students. Dr. Meena Patankar and Dr. Vinaya Rane accompanied the students.
- One day excursion to Kankeshwar, Alibag was organized for S.Y.B.Sc and T.Y.B.Sc students on 15th July 2017. Mrs. Supriya Naik, Dr. Meena Patankar Dr. Vinaya Rane and Dr. Ketan Thatte accompanied the students.
- Field visit to rice research center at Karjat was organised for M.Sc. Botany part I and part II students on 15th September 2017. 5 students of Part II and 9 students of part I were accompanied by two staff members of the department for the visit.
- Field visit to Nareshwadi, Dahanu was scheduled on 24th October 2017. Three faculty members and one student of M. Sc. Part I visited the site. The 154 acres of land is under the cultivation of Chickoo plantation. The members decided to visit the site to determine the suitability of intercrop. Three plots were assigned for the project research work within the chickoo plantation.
- Four staff members of Botany department visited the ‘Godavari Biorefinary’ at Sakarwadi

on 3rd November 2017. The Project about soil restoration was discussed with Mr. Atak

- Long excursion was organized between 16th Dec to 24th Dec 2017 for T.Y.B.Sc, S.Y.B.Sc and M.Sc students to Mangalore, Coorg and Ratnagiri. Mrs. Supriya Naik and Dr. Meena Patankar accompanied the students.
- Sakharwadi visit for M.Sc. Botany students was organized by Department of Botany on 24th to 26th January 2018. Eight M Sc students were enrolled for the visit accompanied by one faculty member. This visit was scheduled for the students to make them aware about different ecological conditions, the effects of pollution of plant habitat, effects on the ecosystem and biodiversity study.

Department fest :

Department had organized an intercollegiate fest "Folium" on 13th Jan. 2018. There were about 250 participants, 50 from other colleges of Mumbai. Various competitions like Zayqa, Flip N Fit, Snap me pretty and Juggad were organized as a part of the fest.

Student's Participation.

- On 22nd July 2017, The Somaiya school had

organized a science exhibition BEAMS 2017 in which T.Y.B.Sc and S.Y.B.sc students of Botany department displayed and explained their projects like Terrarium, Bio-composting, Organic terrace farming, seed banking and grafting.

- A Science Academie's lecture workshop on 'Biotechnology for Crop Improvement' was organised by D. Y. Patil School of Biotechnology, Belapur on 21st and 22nd September, 2017. 6 students of M. Sc. part II and 7 students of M. Sc. part I attended the workshop. The students were enlightened about the use of biotechnological approaches for the crop improvement.
- Visit to National Institute of Oceanography, Andheri, Mumbai was organised on 26th September, 2017. 10 students of M. Sc. part I visited the institute. Scientists from various departments interacted with the students. Instrumentation facility available for the research was explained to the students. The institute encouraged the students to take up the research projects in various labs.

Department of Business Communication

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

I) Activities in College:

1. Workshops in Basic English: Dr. Bhagwat conducted 3 Basic English programmes for the students of Chemistry, Microbiology, Physics and Mathematics in June 2017.
- 2) A workshop on Group Discussion was organized for M Sc Chemistry Students .
- 3) Was invited as the judge for the essay writing competition at Avsar festival in College.
- 4) She was member, organizing Committee for the National Conference on GST held on 28-29 November 2017.

- 5) She was invited to be a member, Organising Committee for conference on Cancer and Stem Cells on February 5, 2018.

II) University Assignments:

- 1) Invited as the chairperson, paper-setting for FYBCom Business Communication and SYBA Business Communication.
- 2) Invited as the vice chancellors nominee, subject expert for the interviews of selection and promotion of teachers at various colleges.

II) Invited Lectures and other academic assignments:

- 1) Invited as the resource person at the syllabus revision workshop conducted by Rizvi College in association with University of Mumbai in July 2017.

- 2) Invited to conduct a session on Resume writing and interview techniques at Mahatma Education Society's Night College on 7th March 2018.
- 3) Invited as the subject expert to be on BOS, English, of Ruia College.

III) Research/Publications/Conferences:

- 1) Invited to be a chairperson at the International Conference on Literature of Protest on 3rd February 2018.
- 2) One student awarded Ph D in March 2018.
- 3) Two papers published in refereed journals.

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Department of Business Law

The Department of Business Law organized a talk on 'Rights of Men'. It was delivered by Mrs Parul Vedak, practicing Advocate in the Family Court and a marriage counselor.

Mrs. Parul Vedak highlighted on the various aspects of the Criminal Procedure Code and scope of manipulations in the chargesheet. Section 498A of the IPC was discussed at length and the introduction of Family Welfare Committee for the same and teachers attended the student talk. There were 91 participants .

The department also organized a students' visit to the High Court. 33 Students were taken on a visit to the High Court to give them an exposure to the functioning of the court. They were taken to various courtrooms to show the procedure followed. They also visited the museum where they were enlightened about the history of courts in India and the contribution extended by legal luminaries to name a few Chief Justice M.C. Chagla, Chief Justice Gajendragadkar, by our freedom fighters like Lokmanya Tilak, Sardar Vallabhbhai Patel and the nation's first law Minister Dr Babasaheb Ambedkar.

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Department of Chemistry

“SAFETY IN CHEMICAL LABORATORY”

The department of chemistry organised workshop on “Safety in Chemical Laboratory” on 12th August 2017. This workshop was organized for S.Y.B.Sc (Chemistry) students to promote safety awareness and encourage safety working practices in laboratories. It was conducted by eminent speaker Dr. Dinesh Navale, Assistant Professor, V.E.S. College gave a brief idea about “Basic laboratory safety practices and “Transport of chemicals and safe disposal of chemicals”. Finally to give “Real world” approach to safety issues in laboratories, Mr. D.G. Phondekar, Associate Professor, K. J. Somaiya College, conducted a session on “Fire extinguishing”.

253 students and 13 teachers participated in this 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.

“Job opportunities in Industry and Interview Techniques”

Chemistry department organised guest lecture for M.Sc.-II (Chemistry) students on 1st July 2017 to create the awareness about Job Opportunities in Industry and Interview Techniques. It was conducted by eminent speaker Dr. Parag Gadkari, Vice President- Analytical Research & Development for M.Sc. students. Dr. Gadkari gave a brief idea about Industry Options after Bachelor's/Master's. He also enlightened the students the desired qualification required by chemical industry which will go long way in designing the career of the students. He provided different options available in industries such as Food, Pharmaceuticals, Paints, Fertilizers, Agrochemicals etc. He briefly explained prospective functional areas like Research and Development, Quality Control, Quality Assurance, Regulatory Affairs, Operations etc. Finally he gave idea about Intellectual Property Rights. Packaging and various P.G. Courses in Regulatory affairs. About 60 students participated in this guest lecture. This lecture gave an overview of the Job Opportunities in Industry and Interview Techniques for the students.

Global Trends and Opportunities in Green Chemistry

A workshop for Students on 'Global Trends and Opportunities in Green Chemistry' is organized by Industrial Green Chemistry World (IGCW) in association with Department of Chemistry, K. J. Somaiya College of Science and Commerce on **8th October, 2017**. The workshop was conducted in Smt. Sakarben Karamshi Somaiya Sabhagruha, near K. J. Somaiya College of Engineering, Vidyavihar.

The 240 participants of the workshop include 205 students and faculty attended the workshop enthusiastically.

Dr. Vijay Joshi, Principal, K. J. Somaiya College of Science and Commerce welcomed the dignitaries to the stage. Welcome address was given by Shri. Samir Somaiya, CMD, Godavari Biorefineries Ltd. In the welcome address he emphasized the importance of attending the workshop with globally renowned speakers.

Workshop on Stereochemistry

Stereochemistry may seem like a trivial subject because differences between stereoisomers are usually subtle. In nature, however, and most importantly, in biological systems such as the human body, these subtle differences have sweeping implications. Most drugs for example, are often composed of a single stereoisomer of a compound, and while one stereoisomer may have positive effects on the body, another stereoisomer may be toxic.

To understand the importance aspect of this topic chemistry department organized the workshop for M.Sc (Chemistry) students. It was conducted by eminent speaker Dr. Mayur Desai from Gogate College. He covered all conceptual examples from M.Sc. Part I and part II syllabus. His lucid presentation and expertise in this field was commendable.

75 M.Sc. Part I students and 20 M.Sc. Part II students attended this workshop. This workshop was well received and liked by students as well as staff.

CONTECH-17/18

CONTECH-2017/18 was conducted in our college on 25th January, 2018 during 1.00-3.00 pm.

198 students from FY, SY and TY B.Sc classes had registered and out of which 169 students appeared for the exam enthusiastically. Dr. Nishamol Kanat, Department of Chemistry was the College Coordinator for this exam. Dr. Aniket Pawanoji, Dr. Amol Pawar, Mr. Dilipkumar Yadav, Dr. Mithun Mondol and Mr. Srikant Billa were the invigilators cum examiners for the exam. This test finds its usefulness to teachers and students in knowing the pulse of chemistry teaching and learning at UG level and thus helps teachers to take appropriate action.

Rasayan 2017

Annual chemistry fest of rasayan began with the inauguration starting with the campus prayer after which our principal Dr Vijay Joshi sir gave a brief speech and declared rasayan open.

Learn From Stalwarts

The department of chemistry, KJSSC organised a two day lecture series on 28th Feb 2018 and 1st march 2018 for postgraduate students and teaching staffs to upgrade their knowledge on various contemporary topics of chemistry. The Welcome address was given by Dr. Vijay Joshi, Principal, K. J. Somaiya College of Science and Commerce followed by the felicitation of the dignitaries. The sessions started with talk by the Chief Guest "Prof. A. V. R. Reddy, Ex Head, ACD, BARC on "Nuclear chemistry".

During the session various elite researchers and academician from premier institute i.e. BARC and IIT Mumbai delivered the lectures and make the students motivated towards the research and thorough on various topics.

The speakers who enlightened the audience were Dr. A. V. R. Reddy, Ex Head, ACD, BARC on Nuclear Chemistry

Dr. Pramod Sharma, BARC, Mumbai on Mass Spectrometry Dr. Suvaran Kulkarni, IIT, Mumbai on 2 D NMR

Dr. S. Mula, BARC, Mumbai on Photo physics

Dr. M. S. Balakrishna, IIT, Mumbai on Organometallics

Dr. Sangita D. Kumar, Section Head, BARC on Chromatography

Dr. S. P. Gejji, Head, Pune University on Quantum Chemistry

The lecture series also included career counselling for postgraduate students to realise the importance of natural science. Overall it was good learning experience from prominent researchers and also was well appreciated by all the participants.

Workshop on Spectroscopy

The department of chemistry, KJSSC organised a two days workshop on Spectroscopy on 3rd March 2018 and 5th March 2018 for postgraduate students and teaching staff to make them understand the basics of spectroscopic technique such as Molecular, IR, ESR, 1H, 13C NMR. The Welcome address was given by Dr. Bright O'Philip, The sessions started with Dr. Sushil Dhanmane Asso. Prof. Willington College Sangli, on NMR spectroscopy.

During the session various elite academicians from premier institute i.e.

Dr. Sushil Dhanmane, Willington College Sangli spoke on NMR Spectroscopy

Dr. Harichandra Parbat, Wilson College Mumbai spoke on Molecular Spectroscopy

Dr. Suresh Pawar, University of Mumbai spoke on Electronic Spectroscopy

104 M.Sc. Part I and II students attended this workshop.

Overall this workshop provided an overview of the basic principles and new frontiers of spectroscopic techniques. The speakers also covered various contents related to student's syllabus during this session.

It was an enriching experience for the students and they participated with great enthusiasm.

Teacher's Activity 2017-18

Publications:

- Dr. Rohit Singh Chauhan published two papers in this academic year, details of the same are given below:
 1. "Emerging trends in organotelluroolate chemistry derived from platinoids" in Royal society of chemistry, Vol 7, 2017, 55175

2. "Electronic structures of Mono-oxidised copper and Nickel phosphasalen complexes", 10.1002/chem.201703390.

- Dr. Amol Pawar published paper on "Lead (II) halides cinnamaldehyde thiosemicarbazone complexes as single source precursor for oleylamine-capped lead sulphide nanoparticles" J Mater Sci: Mater Electron, DOI 10.1007/s10854-017-8056-2.

Workshops Attended:

- "Flipped Learning" three days workshop (8th June- 10th June, 2017) were attended by seven teachers from Chemistry Departments, Dr. Pradnya Prabhu, Dr. Nisha Kanat, Dr. Rohit Singh Chauhan, Dr. Trupti Tawde, Dr. Aniket Pawanoji, Dr. Dilip K. Yadav and Dr. Nanabhau Karanjule
- "CAS for Degree College Teacher" one day workshop on 22nd June 2017 at R.J. College was attended by Dr. Chandana Basu
- "Curriculum Designing for Degree College Students" one day workshop on 14th July 2017 organised by IQAC. Mrs. Madhavi Kate, Dr. Pradnya Prabhu, Dr. Bright O Philip, Dr. Chitra Kamath, Dr. Sugandha Shetye, Dr. Veena Khilnani, Dr. Chandana Basu, Dr. Nisha Kanat, Dr. Yogesh Ghalsasi, Dr. Vanita Kulkarni, Mr. Saurabh Shete, Dr. Trupti Tawde, Dr. Rohit Singh Chauhan, Dr. Aniket Pawanoji and Dr. Dilip K. Yadav, sixteen teachers were participated in the workshop.
- "STEM teaching training workshop on Research based pedagogical tools" National level workshop was attended by Dr. Aniket Pawanoji, Dr. Trupti Tawde, Dr. Yogesh Ghalsasi between 11 to 13th Sept 2017 at IIT Gandhinagar
- Dr. Vanita Kulkarni Attended workshop on "Achieving excellence at under graduate level through interdisciplinary approach" on 11th Jan 2018 at Birla College, Kalyan.
- Dr. Chitra Kamath attended workshop on Molecular Docking, Virtual screening and computational Biology on 9th and 10th Nov 2017, at KJSSC.

- Mr. Jaidip Wable attended symposium on “**Stem cells and cancer India 2018**” on 5th Feb 2018 at Somaiya Vidyavihar.
- Mr. Jaidip Wable attended workshop on “**Avishkar Research Conention 2017-18**” on 18th Nov 2018, at Laxmichand Golwala College of commerce and economics.
- Dr. Vanita Kulkarni attended workshop on “**Self Development in the context of spirituality-a practical approach**” between 30th jan to 3rd Feb 2018 at KJSSC.
- Mr Shrikant Billa cleared NET exam in this academic year.

Student Activities: 2017-18

Sr. No.	Date	Activity	Organized by	Number of students participating	Prizes won if any
1	03/08/2017	Luminescence Academic Science intercollegiate Competition	Department of biochemistry, Mithibai College of Arts, Science, Commerce & Economics	Shabeena Khatoon Dharmin Prajapati Ajay Rajbhar Vijay Prajapati Vishal Himanshu Ranga Parth & Jonty	Participated in Fun-Da-Menta, Shutter up, Logo lega, Mind Chef
2	18/11/2017	Avishkar Workshop	L.G. College of Comm. & Eco. Ghatkopar (East)	Rajasi Dravid Aarti Vaishya	Participated
3	12/12/2017	Intercollegiate poster competition	IQAC, Maharashtra College	Rajasi Dravid Uchitya Bhat	Secured 2 nd prize
4	12/12/2017	Intercollegiate poster competition	IQAC, Maharashtra College	Krina Dharmasi Urmi Dhanak	Participated
5	12/12/2017	Intercollegiate poster competition	IQAC, Maharashtra College	Vimal Kumar Mishra	Participated
6	12/12/2017	Intercollegiate poster competition	IQAC, Maharashtra College	Vanita Varshney Vrushal Rajpure	Consolation
7	12/12/2017	Intercollegiate poster competition	IQAC, Maharashtra College	Shruti Joshi	Consolation
8	13/12/2017	Avishkar research convention 2017-18 District Level	Acharya Marathe College	Rajasi Dravid Uchitya Bhat	1 st Prize
9	13/12/2017	Avishkar research convention 2017-18 District Level	Acharya Marathe College	Krina Dharamsi Urmi Dhanak	Participated
10	13/12/2017	Avishkar research convention 2017-18 District Level	Acharya Marathe College	Shruti Joshi	Participated
11	13/12/2017	Avishkar research convention 2017-18 District Level	Acharya Marathe College	Aarti Vaishya	Participated
12	13/12/2017	Avishkar research convention 2017-18 District Level	Acharya Marathe College	Shubham Biswal Archana Unnikrishnan Vimal Kumar Mishra Sara Mullaji Zahra Sonkachwala	Participated

13	22-23/ 12/2017	Chemfest React 2017 Chemo-fun (crossword+quiz)	Ramnarain Ruia College Matunga	Suryakant Nagar	1 st Prize
14	20/12/2017	Avishkar research convention 2017-18 University Level	KLE Society's Science & Commerce College Kalamboli	Rajasi Dravid Uchitya Bhat	3 rd Prize
15	17 & 18 Jan 2018	Rasayanam 2018	C h e m - E n i g m a (Forensic Event) ICT, Matunga	Suryakant Nagar Shweta Negi	Participated
16	17 & 18 Jan 2018	Rasayanam 2018 Chem Shodh	ICT, Matunga	Suryakant Nagar Shweta Negi Shraddha Deshmukh Ankita Taware	Participated
17	26 th Jan 2018	Fluorescence CID-Mock	RD National College, Bandra	Suryakant Nagar Shraddha Deshmukh Akram Khan Shraddha Yadav	Participated
18	9 th Dec. 2017	Rasayan 2018 Chem -Relay	K.J.Somaiya College of Science and Comm. Vidyavihar	Suryakant Nagar Shraddha Deshmukh	Participated
19	16 th Jan 2018	Chem Vision 2018 Chem Quize	K.C. College	Akram Khan Suryakant Nagar	Participated
20	16 th Jan 2018	Chem Vision 2018 Poster Presentation	K.C.College	Shraddha Yadav Shraddha Deshmukh	Participated
21	17-18 Jan 2018	Rasayanam 2018	ICT, Matunga	Shraddha Deshmukh Suryakant Nagar	Participated
22	22-23 Dec.2017	Chem fest react 2018	Ruia College	Shraddha Deshmukh Suryakant Nagar	Participated
23	20 th Jan 2018	Fluorescence 2018 Post luck (Chem Quize)	R.D. National College	Shraddha Deshmukh Suryakant Nagar	Participated'
24	9 th Dec 2017	Rasayan 2018 Varbal Vaar (Chem Debate)	K.J.Somaiya College of Science and Comm. Vidyavihar	Suryakant Nagar	2 nd Prize
25	16 th Jan 2018	Chem Vision 2018 Treasure Hunt	K.C. College	Suryakant Nagar Akram Khan Shailesh Bhosale	3 rd Prize
26	17-18 Jan 2018	Rasayanam 2018 Megaminds Chemquize	ICT, Matunga	Shraddha Deshmukh Suryakant Nagar	1 st Prize

27	20 th Jan	Fluorescence 2018 Affiche Poster presentation	R. D. National College	Shraddha Deshmukh Suryakant Nagar	1 st prize
28	22-23 Dec 2017	Chem fest react Chemofun (crossword + quize)	Ruia College	Shraddha Deshmukh Suryakant Nagar	1 st prize
29	20 th Jan 2018	Fluorescence 2018 Forethought Power point presentation	R. D. National College	Shraddha Deshmukh Suryakant Nagar	2 nd prize
30	9 th Dec. 2016	Brain O Philia (Quiz)	K.J. Somaiya College of Sci. & Comm. Vidyavihar	Shailesh Bhosale	2 nd Prize
31	21 st Dec 2016	Chem Quiz – Chem master	N.A. Acharya & D.K. Marathe College	Shailesh Bhosale	Participited
32	22 nd Dec. 2016	Chem Quiz Chem O fun	Ramnarain Ruia College	Shailesh Bhosale	Participited
33	16 th Jan 2018	Name Matter	K.C.College	Shailesh Bhosale	Participited
34	9 th Dec. 2017	Brain O Philia (Quiz)	K.J. Somaiya College of Sci. & Comm. Vidyavihar	Akram Khan Shraddha S.P. Yadav	3 rd Prize
35	9 th Dec. 2017	Treasure Hunt Cross word Chem relay	K.J.Somaiya College of Sci. & Comm. Vidyavihar	Akram Khan Shraddha S.P. Yadav	Participited
36	22-23 rd Dec 2017	Quiz Treasure hunt Chem o fun Situation resolution	Ramnarain Ruia College	Akram Khan Shraddha S.P. Yadav	Participited
37	26 th Jan 2018	Pot Luck	R.D. National College	Akram Khan Shraddha S.P.Yadav	3 rd Prize
38	26 th Jan 2018	Poster presentation Roll the Dice	R.D. National College	Akram Khan Shraddha S.P. Yadav	Participited
39	17 Feb 2018	Research Scholar Meet	K.C. College Mumbai	Leena Shah	Presented the project work
40	17 Feb 2018	(Poster presentation) Annual Extension Work Festival Udaan The Flight of Extension	Dyanganga College of Education Ghodbandar Road Thane (West)	Rutuja Thite Shruti Nikam Leena Shah	2 nd Rank
41	17 Feb 2018	(Street Play & poster competition) Annual Extension Work Festival Udaan The Flight of Extension	Dyanganga College of Education Ghodbandar Road Thane (West)	Shubham Biswal Akansha Sharma Archana Unikrishnan	Participated

Department of Commerce

Department of Commerce established a “**Commerce Club**” in the academic year 2017-18. The aim was to conduct various activities for commerce students and get their active participation. The Commerce club organized a Talk on “Manners and Etiquettes in Corporate” by Mr. Swapnil Parshurami. It was an interactive session and 98 students attended the same.

Mrs. Chitra Subramaniam from Vaze Kelkar College was invited to conduct the Workshop on “Honing Skills of Group Discussion” on 31st July 2017. The objective was to enhance skills of Group Discussion and enable students to express their thoughts in a structured manner. 88 students attended the workshop.

Department of Commerce has contributed towards organizing Two Days National Conference on **GST and Indirect Tax Reform- Impact on Economy** on 29th and 30th Nov 2017. Renowned

speakers were invited for the same and participants from different States, contributed through their Research papers and presentations.

Departmental Fest, “**AVSAR**” was organized by the department on 11th Dec. 2017, to explore talent and capabilities of students. Various events and competitions such as Debate, Elocution, Management Games, Poster making, Ad-Mad show, Photography etc. based on Commerce related themes were conducted. The students gave an overwhelming response to the event. 150 student participants were present for the fest.

On 6th Jan 2018, an Industrial Visit, related to the syllabus was organized to Tata Motors, Pune Production system and Inventory control. Employees participation in management and Employees motivation were the highlights of the visit. It was an enriching experience for the students.

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Department of BFM / BMS / BCAF

The department initiated a tree planting drive in July 2017. The students and teachers brought a wide variety of saplings and planted them at various places in the locality. They took a pledge to nurture those plants. With the help of this plantation programme they are able to contribute some part towards our environment on the event of “Vanrishi mahotsav” which was announced by the Prime Minister Mr. Narendra Modi. *They planted nearly 150 saplings namely: - 1) Lantana 2) Panphuti Shrubs 3) Lemon 4) Murraya Koenigi 5) Mimosa 6) Pentas And 7) Sadaphuli.*

• The International Yoga Day was conducted by a Yoga instructor Miss. Jaishri Joshi in June 2017. There was a large participation of students for yoga day. The Yoga session started with some basic exercise to warm up the body along with involvement of the students. Our teaching faculty was also a part of this amazing yoga session. During the whole yoga demonstration every one learnt different types of asana and their importance in their lives.

• **Induction programme on 25th July, 2017: -**

Students of FYBFM, FYBMS, FYBAF courses

attended the induction programme on 25th July, 2017. This programme provided the detail information on add on courses and evaluation pattern of Regular and ATKT exams.

• On 8th September, 2017, teacher’s appreciation was done by writing poems, letters or notes of appreciation. A lot of activities including dance, dramas were organized by the students to make the occasion a grand affair for their teachers. This provided an opportunity for the students to show their respect and love for their teachers. The celebration was enjoyed by both students and teachers with great zeal and enthusiasm.

• November 26 would go down in history as a black day. All students came together to pay their respect to the ones who fell during the terror attacks. candle-lit memorials were held by our Students along with singing National anthem

• The students presented on GST and had published research papers in the ISBN Journal. The Goods and Service Tax Act was passed in the Parliament on 29th March 2017. The Act came into effect on

1st July 2017. The following students had presented papers: -

Mr. Vikas Tiwari, TYBFM, Presented paper on GST
Mr. Ashutosh Ganatra, TYBMS, Presented paper on GST

Mr. Dhruvin Rambhia, TYBMS, Presented paper on GST

Mr. Pratik Mehta, TYBMS, Presented paper on GST

Mr. Mohammed Badami, TYBMS, Presented paper on GST

Mr. Sanket Jain, TYBMS, Presented paper on GST

• Students from BAF, BFM & BMS have participated in many sports games. The FYBFM Students who prizes on sports day are : -

Rishikesh - FYBFM

Abhinav - FYBFM

Ben Mathew - FYBFM

• The Department of BCAF, BFM & BMS had jointly organized, the “Empresa” Intercollegiate fest on 15th and 16th December, 2017. The fest was organized with the objective to provide platform for the students to showcase their talents. The sponsors of the event were Rambhia Foods, Snow Kingdom, Movie Maker. On 15th December, 2017, the first day started with the following competitions:-

• Debate, Crack it, Quiz, Cricket, Football, Photography, Mehendi & Nail Art

On 16th December, 2017, the second day of the event commenced with the following events: -

• Mr. & Ms. Empresa, Dance

The two-day event which got an overwhelming response saw the participation of the students from nearby colleges. Overall students learned to organize events from persuading sponsors, pre- event flash mob, informing the program to other college students through social media and campaigns.

• The Department of Accountancy and Department of BFM, BCAF & BMS and B.Com jointly organized a visit to Bombay stock Exchange in December, 2017 for the students of K.J.Somaiya College of Science & Commerce. 85 students visited BSE along with three faculties:- Ms. Pooja Matlani, Mr. Satish Bhor, Mr. Nikhil Phansekar.

The training session started at with lecture by Prof. Anita Toshniwala from BSE Institute. She spoke about the events affecting stock markets. She gave examples of the current scenario of demonetization, and how the market sentiments will change the trading volume on the stock exchange. She also spoke on international events which have a ripple effect on the Indian stock market. This was an interactive and enlightening session. The most interactive students from TYBAF, TYBMS and TYB.Com bagged prizes during the session.

• Students have prepared posters on the current topics and presented on 28th Feb, 2018. Students of TYBFM participated in the poster presentation are :

Ms. Ritika Jain

Mr. Pratik Sadlapur

Ms. Shivani Hebballi

Mr. Suraj kumar Yadav

Ms. Khushboo Tiwari

Mr. Ashutosh Ganatra

Ms. Pooja Shilpi

Mr. Dhruwin Rambhia

• The following is the list of companies who had conducted aptitude test and interviews for shortlisting candidates from our third year batch: -

• WNS company had shortlisted 17 students from the Third Year Batch

• Finrex company had shortlisted 2 students from the Third year Batch

• Kira -9 for content writing and Relationship management. This company had shortlisted 5 students from the Third year Batch

• Furtadous music school for HR and Marketing profile have conducted interview of the students

• Tata AIA Insurance for sales and Business Development

• Ghabawala CA firm for filing of returns, finance and Accounting

• Gift Station, customized gift for the Generalist – managing online portals & inventory management, accounts, admin and marketing (online/ offline)

• Constellation Blu for the job role of accounting, taxation and Due Diligence

• SBA, CA firm for the job profile of accounting, taxation and audit.

Department of Economics

The Department organised an Elocution Competition on 21st August 2017

The objective was

To create awareness about current economic issues and to enhance communication skills

Ms. Shailaja G.S. and MS. Renu Bakhshi judged the event

The idea of Elocution competition was implemented in order to make students read, analyse and have an opinion about some of the recent economic issues. The topics were

- Reforms in Indirect Tax Structure

- Changes in Economic Scenario pre and post Modi Government
- Impact of Demonetization on the Indian Economy

The response for the competition was spectacular. 15 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: Bro. Rahul Nadar (T.Y.B.Com)
2. 2nd prize: Sis. Pallavi (F.Y.B.Com)
3. 3rd prize: Sis. Vasudha (T.Y.B.Com)

Department of Environmental Science

Convergence

The Department of Environmental Sciences organized Convergence fest on the 15th & 16th December, 2018. This year the Convergence theme was 'Reconnecting People With Nature.'

The Title Sponsor for Convergence 2017 was Maharashtra Pollution Control Board and the co-sponsors were Sanjay Gandhi National Park, World Wide Fund and Bombay Natural History Society. Convergence was also promoted and appreciated on the Marathi Gold FM.

Convergence was the first Carbon Neutral Event in India in the year 2016 but in 2017, It was the first interdepartmental Carbon Negative Event. Throughout this fest some initiatives were taken which no other event in Mumbai had taken. Team Convergence recognises that the fest emits certain amount of carbon, so new methods were devised to offset the released carbon and make the fest a carbon negative event. Some of the measures were electronic event registration, planting of certain species of carbon scrubbing trees, mangroves, at strategic locations to absorb maximum amount of CO₂ and particulate matter, Use of recycled paper and other recycled products throughout the fest. All the waste produced before and after the fest were recycled.

Convergence 2017 had also vowed to be a low water footprint event. The water footprint gives a solid frame of reference that helps to be more efficient and sustainable with the amount of water used and helps people appreciate the role of water in their lives. At Convergence, awareness is spread about water conservation by promoting use of materials with low water footprints and, by off-setting the generated water footprints.

The aim of this initiative was to increase environmental awareness through a series of academic and non-academic, meticulously designed events that will allow students from all backgrounds to learn while having fun. The aim was to improve the reach of convergence in all sectors of society and make it a grand awareness campaign.

The objective of Convergence was to create a fest that inspires the participants and volunteers to explore their skills and talents, promote innovative ideas, facilitate exchange of knowledge and most important of all, spread the message, 'Nature is not a place to go. It is our home and we must protect it.'

Convergence 2017 consisted of events which involved participation from students of multidisciplinary sciences and they were fun, engaging and yet thought provoking. Events were given a unique name as per the theme and the gist of

it. Events were Paper Prastuti (Paper Presentation), Nature Kalakar (Monoacting), Rang De Jholi (Bag Painting), Jungle Dungal (Debate), Biohousie, Shuttertales (Photography), Cranium Crushers (Quiz) and Treasure Hunt.

Creative Team made use of recycled materials for the decor to be displayed inside the college campus. Campus was filled with beautiful decoration and handmade posters. A very unique registration desk was made out of completely recycled plastic bottles.

Convergence preparations had started 3 months prior to the fest. A very active social media page on Instagram and Facebook was maintained wherein videos of the events, posters of the fest, skits and many such engaging content were regularly uploaded. Audience on social media platform for Convergence was a whopping 1000 People with an average post reach of 300 people. Pre-registrations for events due to social media, on campus and promotion in different colleges were around 500 students.

Fest commenced on 15th December 2017 with inaugural programme hosted by the Masters Of Environmental Sciences students. For Inaugural programme the esteemed chief guests were Dr. Sontakke and Dr. Hajirnis and the occasion was graced by Principal of K.J Somaiya College Of Commerce and Science, Dr. Vijay Joshi. One of Highlights of the inaugural programme was a skit conducted by the MSC students on the great Nobel laureates who worked for the environment.

Events organised on the first day were Paper Prastuti (Paper Presentation), Bio-housie, Nature Kalakar (Monoacting) and Treasure hunt. Paper presentation event had total of three entries with very interesting topics which connected research done in microbiology, zoology and botany to environment. Registration for the same was done in advance as the paper scrutiny needed to be done. It was judged by Dr. Sugandha Shetye and paper of the winner's presentation was assured to be published in a UGC recognised Journal.

Bio-housie was a fun and captivating event which was similar to housie but a twist in it. Pre-registrations for Biohousie were 27 participants but an astonishing 49 students participated in this game. The crowd was filled with enthusiasm as they got to

experience a fun filled game with a blend of impartation of knowledge.

Nature Kalakar was a platform for students to put forth their acting skills. The theme given to them was Reconnecting People With Nature. A total of 7 students participated in this event and each one of them gave a brilliant performance. All of the participants showcased how they feel connected to the nature and gave excellent interpretation of their theme.

Treasure Hunt is one of the most loved event of Convergence, this year had a theme wherein the participants were showed different problems faced by different continents of the world and they were asked to write creative solutions for the same. Each team consisted of three participants and a total of 75 teams participated in this event.

One of the Major attraction of Convergence fest day one was 'Under The Dome' which was a 4D movie on Mystery of evolution of earth with a 360 degree experience inside the dome to the audience. Stupefying 196 students and 20 faculty members watched this movie and loved this amazing experience. Along with the dome, fun fair games were organised which was loved by the participants.

Day two began with the Wildlife Photography Workshop which was arranged by a very famous and experienced photographer Yuvraj Guzar who taught the participants the skills of wildlife photography. It was an interactive session with a total of 7 participants who experienced the magical persona of Yuvraj Guzar.

Events organised for the second day were Rang De Jholi (Bag Painting), Shuttertales (Photography), Jungle Dungal (Debate) & Cranium Crushers (Quiz).

Rang De Jholi got an outstanding response of 73 participants with only 35 pre-registrations. A total of 8 themes related to environment was given to the participants and they had to draw on a paper cloth without using brush or pencils. Props were given to them such as dried leaves, stick, vegetables, waste plastic cups and caps. Each of the participant along with the painted bags also gave a powerful message explaining their design. Since age was no bar, everyone from young to old experienced this joy of painting. All of the participants explored their creativity

and created masterpieces. This event was judged by respected Dr. Shanti Upadhyay.

Shuttertales was a photography event where the participants were supposed to submit 3 to 5 photos which depict a story. A total of 61 participants registered for this event from which 4 were chosen. It was an awe-inspiring experience to see the story behind photograph of each participant which were based on themes Nature in Peril, Seasonal Transition and Conflict in Nature. This event was judged by the talented photographer Yuvraj Guzar.

Jungle Dungal (Debate) got a fabulous response from 22 students studying in different sciences as they came together to voice their concern related to environmental issues. This event was judged by respected Mrs. Pranoti Jayant Joshi.

Cranium Crushers was a quiz event and a total of 42 participants played the quiz. It was a very enriching experience for them as they got to test their

knowledge, find the lacunae and more importantly, reconnect with the nature by learning about the flora and fauna, environmental crisis and also the culture of tribal people and their way of living.

The closing programme ended with a heart warming speech of Principal Dr. Vijay Joshi and the Chief Guest Yuvraj Guzar. The programme was special as alumni of Department of Environmental Sciences shared their experiences. Dr. Sanjay Joshi and President of Convergence 2017, Purva Karmarkar also gave a lovely speech encouraging the participants and appreciating the efforts by the coordinators and volunteers. Last but not the least all the winners were encouraged with exciting prizes sponsored by SGNP, BNHS & WWF.

Convergence 2017 was a grand success with a footfall of 907 participants. The event was diligently organized. There was a soul to it, a soul that was vibrant, contagious and exuberant.

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Department of Geology

Geology Fest “Terra Firma” conducted on 20th December 2017

The geology department of K J Somaiya College organised a geological fest called Terra Firma. Terra firma is a Latin word meaning firm or solid earth. This fest was organised to make people aware about Geology and to have knowledge about fossils, landform and many other Geological formations. The Third year students played a key role in making the preparations of the fest. The fest had exhibition and various games related to Geology.

The chief Exhibits were

Floating stone: - Research says this rock was used to make the Rameshwaram Bridge by Lord RAM. It is pumice which due to its very low specific gravity floats in the water.

Gem stones and economic minerals: - There were many mineral exhibits, few being gem varieties, some being ore minerals also.

Fossils:- There were exhibits of prominent fossils used to know about the past environmental condition. Some of the samples were brought by T.YBsc students from Kutch from their field visit. The visitors

shave shown a lot of interest and were excited to see how fossils are formed.

A game section was organized to have an interactive experience. Games planned were

- **Pin the dinosaur**

A game in which a person is blind folded and they are given a cut out of the dinosaurs hand and are required to put it in the right place

- **Fire in the hole**

In this game there is a geological landscape that contains 2 holes with the help of a hockey stick A person is required to hit a ping pong ball up a ramp and into any of the holes.

- **Volcano pong**

In this game there are 2 volcano models, a person is given 3 chances to try and lob the ping pong ball into the volcanoes

- **3 cups**

A games which contains 3 cups which have a stone under those. The cups are shuffled quickly and the player has to guess under which cup it is.

Department of Mathematics

1. On the occasion of “National Mathematics Day”, Department of Mathematics had organized an annual fest ‘Mathletics 2017’ on 22nd and 23rd December 2017. Inauguration ceremony of this fest was done at the hands of Dr. Samidha Pawaskar (Dean – Research & Consultancy) by cutting a cake which was specially designed on mathematical theme.

Several colleges were invited for this fest. Registration process was both online as well as offline. 197 participants including teachers from 18 different colleges had participated for this fest. 33 volunteers from Junior and Senior college of K.J. Somaiya College of Science and Commerce were involved in this fest. Many mathematical games such as Mind Race, Shortest Path, Code Cracking, Quiz Hour,... based on applications of Graph Theory, Number Theory, Algebra, Calculus... were organized. This fest continued on the second day i.e. on 23rd December with competitions like Mathematical PowerPoint Presentation and Recitation of Mathematical Poetry. Mrs. Vandana Gupta was invited as a judge for this competition.

The fest was a grand success and an experience.

2. Report on Faculty development program

Mathematics department in collaboration with Binay Semantic organised a one day Faculty development program to understand the development and application of the universally acclaimed mathematical software ‘MAPLE’ on 13/9/2017 from 9.00 am. to 11.00 am.

The program was attended by 10 faculties from Mathematics, Physics and Statistics department. Mathematics Students from TYBSC and SYBSC also attended the program. In all there were 11 students.

The Faculty Development Program (FDP) was conducted by Andrew Rourke, Director Teaching Solutions Group – Maplesoft (Canada), He has spent years in the e-learning and Mathematics industry.

This program helps in adopting e-learning and understanding how mathematical softwares can positively impact the pedagogy currently in use.

Program in Brief:

- Introduction of Maplesoft by Mr. Andrew.
- E- Learning, Brief overview of the Maplesoft product suite.
- Few customer Success stories and utility of Maplesoft Tool.
- Product demos; How to Use.

Finally the program ended with the Q&A Session.

The second level to the program is tentatively scheduled in December, where handson training will be provided to the participants and also to those teachers who could not register due to syllabus completion as exams are scheduled after 2 weeks. These teacher participants will also be given 30 days trial period to workout with the software.

2. Prof. Reema Khanna attended a 3 day workshop on flipped class pedagogy in June 2017 and also attended four day pedagogy workshop on Research Based Pedagogical training (National) in December 2017 Gandhinagar.

3. Prof. Subhash Krishnan, Prof. Reema Khanna, Prof. Makarand Niphadkar and Prof. Prabhat Upadhyay attended Faculty training program on Self development in the context of spirituality- a practical approach from in February, 2017.

4. Prof. Makarand Niphadkar was a guest lecturer at Ruia College and Vivekanand college for Madhava Maths Competition in Dec. 2017. He was also a guest lecturer at Ratnam college for students preparing for JAM(IIT) entrance test in Jan 2018.

5. Prof. Makarand Niphadkar is a visiting faculty at ICT . He was also a resource person for INMOTC camp at HBCSE in Dec 2017.

6. Prof Reema Khanna was a organizing committee member for Symposium on Stem cell and Cancer-India 2018 organised in Feb 2018 at K.J. Somaiya Engineering college.

7. Students of FYBSc and TYBSc (Mathematics) attended a one day workshop on “How to think abstract in Mathematics” at Ratnam college in Jan 18.

Department of Microbiology

Enriching Expressions Lecture Series:

A lecture on **Lessons from the real world: Motivation to Students** to consider Health care as a career option was conducted on 6th February 2018 in seminar hall. Dr. Shubham Bardhan was the speaker of the event and it was coordinated by Dr. Lolly Jain. A total of 53 students attended the session.

Microscope-2017: On 19th August, 2017, department organized , State level Inter-Collegiate event MICROSCOPE-2017 sponsored by Euro India Fresh Foods, Ace Tattoos, Hi-Media Laboratories, Jai Ambe International, J. Parekh & Co., The Book Center Ltd., Alumni- 2004 batch, Bon Voyage Tours and Travels, Almeida Journals, Café Coffee Day ,College Fever (Quicklo) RTO Borivali, Kumaraswami Sivan (Alumnus) and Mrs. Shailaja Girishankar.

The event witnessed a huge number of 250 participants from Colleges within and outside Mumbai. Participants were from diverse fields ranging from undergraduate and postgraduate levels having biological as well as non-biological backgrounds. Event began with the formal Inauguration session with dignitaries such as the Principal-Dr. Vijay Joshi, Vice-Principal-Dr. Pradnya Prabhu and Head of the Microbiology Department- Mrs. Shailaja Girishankar on the dias. Inauguration Session was followed by the first Elimination round for Quizophilia event along with Presento event. Presento event saw a large number of participants in which they delivered a Powerpoint presentation on latest topics from Life-Sciences. Judges for Presento (Post-Graduate section) were Dr. Paramjeet Anthappan, Adjunct Professor, Department of Microbiology, Bhavans College along with Prof. Mrs. Supriya Janabandhu, Head-Department of Botany, K.J.Somaiya College of Science and Commerce, and Judges for (Undergraduate section) were Dr. Shilpa Sabnis, from Institute of Science and Prof. Amit Jethva, from Department of Biotechnology, K.J.Somaiya College of Science and Commerce. This was followed by Bio-Humour event in which participants displayed their posters on various biological topics with humour incorporated in it and was judged by Dr. Jayashree Powar from Department of Biotechnology,

Bandodkar College and Dr. Vinaya Rane from Department of Botany, K.J.Somaiya College of Science. Quick-Pick an Extempore was another event in which participants were given a topic and were asked to express their views in a specific time period, this event was judged by Dr. Tara Menon from Department of Biotechnology, SIES College, Prof. Mrs. Shraddha Patel from Department of Microbiology, KBP College. In Art-attack event participants exhibited their creativity using media on petri plate as a canvas. Art-Attack was judged by Dr. Jayashree Powar from Department of Biotechnology, Bandodkar College and Dr. Vinaya Rane from Department of Botany, K.J.Somaiya College of Science. Then there was a second Elimination round for the Quizophilia and the 4 teams for the final round were selected. After this was the Crime Scene Investigation event, which witnessed a large number of participants in which they were given a case study along with some primary evidence and were asked to solve the mystery.

Another event was Biomimic- a skit based on a biological theme, where participants acted as living organisms, cells and presented interesting concepts and processes in life-sciences and was judged by Dr. Sneha Panwalkar from Department of Biotechnology GN Khalsa College and Dr. Shanti Upadhye from Department of Zoology, K.J.Somaiya College of Science from The last event was the final round of Quizophilia in which there were different competitive rounds with increasing difficulty level . Finally the event culminated with the Valedictory and prize distribution ceremony where winners for different events were appreciated and awarded with trophies, certificates and exciting cash prizes.

Dr. Lolly Jain worked as Convener and Mr. Shabib Khan worked as Co-Convener for the event.

17th State Level Microbiolympiad: The Department of Microbiology, K.J.Somaiya College of Science and Commerce organised the Preliminary test for the 17th STATE LEVEL MICROBIOLOGICAL OLYMPIAD (Quiz Competition). Totally 81 Undergraduate students from the Department of Microbiology participated in the

event. 25 F.Y.B.Sc, 37 S.Y.B.Sc and 19 T.Y.B.Sc students participated in the written preliminary Quiz competition (Total 81). Two S.Y.B.Sc students participated in the Microbioslate (Essay writing Competition). Three S.Y.B.Sc students participated in the Microbiocanvas (Poster making competition) too.

Ms. Dimple Gautam of F.Y.B.Sc (Microbiology) scored 68 % marks, Ms. Raajita Bose of S.Y.B.Sc (Microbiology) scored 60 % and Ms. Vaidehi Bhagwat of T.Y.B.Sc (Microbiology) scored 76 % marks. All these 3 students stood first amongst the participants of the college.

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

Nebula: Departmental farewell

Farewell of final year Microbiology students was organized by the department every year. This year it was organised on 12 February 2018 . It was fun filled event with performances, games, and activities. This event was coordinated by Dr. Mrs. Rashmi Thakur and Mr. Shabib Khan.

Journal Club:

Under the Guidance of Dr. Mrs. Unnati Padalia, Head, Department of Microbiology Journal club was started for postgraduate microbiology students, it involved presentation of a research article and a current research topic by a student each week and others would discuss on the topic.

Achievements by students:

Student	Class	Event		Date	Organization	Prize
Megha Waghela Guided by Shabib Khan	MSc-II	SRINJNA Guru Nanak Institute For Research and Development.	Poster presentation	20/01/2018	Guru Nanak Khalsa College of Arts, Science and Commerce	2 nd
Megha Waghela Guided by Shabib Khan	MSc-II	Exploring Microbiome Interactions In Environment And Health	Poster presentation	9/12/2017	Sanjivani Arts, Commerce and Science College	3 rd
Nidhi Sachdev	TYBsc	MICROSCOPE-17	Skit	19/08/2017	KJ Somaiya College Of Science And Commerce	2 nd
Khushbu Doshi	TYBsc	MICROSCOPE-17	Skit	19/08/2017	KJ Somaiya College Of Science And Commerce	2 nd
Hetal Ravaria	TYBsc	MICROSCOPE-17	Skit	19/08/2017	KJ Somaiya College Of Science And Commerce	2 nd
Nidhi Goriwale Guided by Shabib Khan	M.Sc. II	Exploring Microbiome Interactions In Environment And Health	Poster presentation	9/12/2017	Sanjivani Arts, Commerce and Science College	3 rd

Kashmira Sawant Guided by Hemlata C	MSc-II	SRINJNA Guru Nanak Institute For Research and Development	Poster presentation	20/01/2018	Guru Nanak Khalsa College of Arts, Science and Commerce	3 rd
Vishal Shetty Guided by Dr. Seema Sambrani	M.Sc. II	State Level Seminar on Biotechnology for Sustainable Development (Poster Presentation)	Poster presentation	08 th -09 th January, 2018	H.P.T Arts & R.Y.K. Science College	1 st
Arushi P Neeraja K.Priyanka J. Coach: Dr. Rashmi Thakur	M.Sc. II	INST (Agra)	Science competition	29 th January – 3 rd February, 2018	Agra, India	2 nd
Girija Verma Guided by Dr. Seema Sambrani	M . S c . II	Biotechnology for Sustainable Development	Poster presentation	8 th -9 th January, 2018	H.P.T Arts & R.Y.K. Science College	3 rd
Nidhi Goriwale Guided by Shabib Khan	M.Sc. II	National conference on Microbial Technology for Sustainable Development	Poster presentation	2/02/2018	D.B.FDayanand College of Arts and Science	2 nd
Arushi Pandya	Msc II	ZORILLA		6/01/2018	K.J. Somaiya college of Science and Commerce	2 nd
Jill Gada	Msc II	ZORILLA		6/01/2018	K.J. Somaiya college of Science and Commerce	2 nd
Ankita Hatle Guided by Dr.Rashmi Thakur	Msc II	MICROBIAL TECNOLOGY FOR SUSTAINABLE DEVELOPMENT	Poster presentation	2/02/2018	D.B.F. Dayanand college, Solapur	1 st
Pratik Ghag (M.Sc.II)	Msc II	Zonal Competition, University of Mumbai – Youth Festival	Group singing		Local	2 nd
Pratik Ghag (M.Sc.II)	Msc II	Final Round, University of Mumbai – Youth Festival	Group singing		District	Conso- lation

Industrial Visits:

Industry	No of Students	Class	Date	Faculty Members
Dairy Power Pvt Ltd Nashik	97	M.Sc. II S.Y.B.Sc. T.Y.B.Sc.	20/7/2017	Mrs. Hemlata Chakraborty Dr. Lolly Jain Mr. Shabib Khan Dr. Rashmi Thakur Dr. Seema Sambrani
Sula Vineyards Pvt Ltd Nashik	97	M.Sc. II S.Y.B.Sc. T.Y.B.Sc.	20/7/2017	Mrs. Hemlata Chakraborty Dr. Lolly Jain Mr. Shabib Khan Dr. Rashmi Thakur Dr. Seema Sambrani
Haffkine's Institute (Visit to ATC lab)	18	M.Sc. II	15/9/2017	Dr. Seema Sambrani
Haffkine's Institute (Viral inoculation in Chick embryo)	18	M.Sc. II	26/2/2018	Dr. Seema Sambrani
Industrial visit to Rajasthan	47	S.Y.B.Sc. T.Y.B.Sc. M.Sc. I M.Sc. II	12 th Dec 2107 to 19 th Dec 2017	Ms. Hemlata C. Dr. Rashmi Thakur
Visit to Somaiya Blood Bank and Somaiya Pathology Museum.	70	S.Y.B.Sc	14/12/2017	Dr. Unnati Padalia
Enviro-Vigil, Kalwa	56	S.Y.B.Sc.	22 nd December, 2017	Mr. Shabib Khan Dr. Anup Deshpande
BSEB Department, IIT Powai	18	M.Sc. I	13/03/2018	Dr. Rashmi Thakur
Sewage treatment plant, Bhandup	18	M.Sc. I	9/3/2018	-
Visit to Maneesh Pharmaceuticals	34	S.Y.B.Sc. T.Y.B.Sc.	16/01/2018	Dr. Unnati Padalia

The following were the activities of the teaching faculty of the Department

Dr. Unnati Padalia

1. Attended one day International Symposium on Stem Cells and Cancer on 5th February, 2018 at Somaiya Vidyavihar.
2. Attended one local Workshop by Dr. Mrs Vasudha Kamat on Curriculum designing

on 14th July, 2017 at Seminar Hall, K.J. Somaiya College of Science and Commerce, Vidyavihar.

3. Attended Half day Workshop on Professional Skills in effective teaching on 26th February, 2018 at IISER, Pune at state level.
4. Attended one local Workshop on Self-Development in the Context of Spirituality- A Practical Approach in collaboration with agency

Hindustan times at K.J. Somaiya College of Science and Commerce during 23rd February-25th February, 2018.

5. Attended International Exchange Program for Visit of Assistant Dean Dr. Mark T(St. Martin University) on 22nd March, 2018
6. Attended one Public Lecture on Talk by Prof. Valiathan on Training of Physicians: a Process in Evolution on 23rd January, 2018 at Engineering Auditorium at K. J. Somaiya College of Engineering.
7. Attended one Public Lecture on Talk by Prof. John Kurian.(Chancellor's Professor University of California) on Deconstruction of the Ras Switching Cycle through Saturation Mutagenesis on 28th March, 2018 at Engineering Auditorium at K. J. Somaiya College of Engineering.
8. Attended Interactive Session with researchers -Prof John Kurian Discussion on: Deconstruction of the Ras Switching Cycle through Saturation Mutagenesis on 28th March, 2018 at Seminar Hall, K.J. Somaiya College of Science and Commerce, Vidyavihar.
9. Attended a Talk on: How to excel in Academics by Dr. Shrirang Joshi MD, Psychiatry on 30th January, 2018 at Seminar Hall, K.J. Somaiya College of Science and Commerce, Vidyavihar.
10. Attended an Inauguration Program on National Science Day on 28th February, 2018 Somaiya School Auditorium.

Papers Presented At The Conference /Seminar

1. Kishor P. Bari, Unnati Padalia-Title: In-vitro study of therapeutic potential of metabolites of microorganisms from extreme environment at the RSM (Research Scholars Meet) on National Science Day on 28th February, 2018 at K. J. Somaiya College of Engineering, Vidyavihar.
2. Mariam Stevart, Unnati Padalia-Title: Microbiological analysis of minimally processed salad leaves and sprouts at the RSM (Research Scholars Meet) on National Science Day on 28th February, 2018 at K. J. Somaiya College of Engineering, Vidyavihar.

3. Riddhi Gada , Unnati Padalia,Title: In-vitro biosynthesis of silver nanoparticles using citrus limon (Lemon)leaves and its application at the ICNHW-2018 with Conference Proceedings

Posters Presented At The Conference /Seminar

1. Riddhi Gada, Unnati Padalia- Title: Biosynthesis of silver nanoparticles using *Citrus sinensis* (Orange) peels and its application in dye reduction on 20th January, 2018 at SRIJNA Inter-collegiate Poster competition at State level at GN Khalsa College,Arts,Science and Commerce Mumbai.
2. Amod Apte, Unnati Padalia- Title: Production of biosurfactant from *Bacillus subtilis* MTCC 441, on 20th January, 2018 at SRIJNA Inter-collegiate Poster competition at State level at GN Khalsa College,Arts,Science and Commerce Mumbai.
3. Riddhi Gada, Unnati Padalia- Title: Green synthesis of silver nanoparticles using *Citrus sinensis* (Orange) peels and its application during 17th February-19th February, 2018 at Dr. D. Y. Patil Arts, Commerce and Science College, Pune at International conference on microbial technology for better tomorrow
4. Amod Apte, Unnati Padalia- Title: Production of biosurfactant from *Bacillus subtilis* MTCC 441 and its Industrial application during 17th February-19th February, 2018 at Dr. D. Y. Patil Arts, Commerce and Science College, Pune at International conference on microbial technology for better tomorrow
5. Amod Apte , Unnati Padalia -Title: Production of biosurfactant from *Bacillus subtilis* MTCC 441 and its Industrial application at Vigyan Yagynya on National Science Day on 28th February, 2018 at K. J. Somaiya College of Science and Commerce, Vidyavihar.
6. Riddhi Gada, Unnati Padalia- Title: In-vitro biosynthesis of silver nanoparticles using citrus limon (Lemon) leaves and its application at International conference on nanotechnology for Human welfare on 13th February, 2018, at Haribhai V. Desai College, Pune

Resource Persons/Visiting Faculty/ Judges/Etc

1. Organized a talk on Advances in Infectious Diseases by Resource Person Dr. Geeta Natarajan (Professor KEM Hospital) for the event of the Farewell of Mrs. Shailaja Girishankar on 28th November, 2017.
2. Organized a talk on Excelling in a Life by a Resource Person. Dr. Shrirang Joshi (MD Psychiatry) for the Seminar for Post-graduate students on 30th January, 2018
3. Organized a Counselling Session on Neuro-Linguistic Counselling Model by Dr. Paramjeet Anthappan (Prof. Adjunct, Bhavans College) on 24th March, 2018
4. Worked as LIC Member Mumbai University from 20th April, 2018 at Bhavan's College for Extension and Continuation for 15 M.Sc.(R) and Ph.D students
5. Worked as a Member representing Somaiya College for Exchange Program with Aston University from 11th -13th February 2018 at SIMSR
6. Worked as a Member representing Somaiya College for Exchange Program with Edinburgh University on 29th February, 2018 at SIMSR
7. Co-ordinated Internship for M.Sc. students at Somaiya Medical College.
8. Organized Summer Internship program at Godrej Hospital Fortis Hospital Kohinoor Hospital Cellogen in April 2018.
9. Invited as Chief-guest as a Senior Scientist on 20/03/2018 Graduation Day at Cambridge ICSE School.
10. Worked for- Review of research papers, critical analysis of research paper, case study, group discussion, debate, information about recent research in the relevant field, asking questions in the form of buzzers round.
11. Involved in curriculum restructuring/revision/ syllabus development as Chairperson of Board of Studies Dec. 2018-2019 M.Sc. II 2018-19

Papers published in research journals:

Name of the authors and co-authors	Title of the paper	Journal name, Vol.No; mm-yyyy ; page nos	Impact factor	ISBN/ISSN/ Scopus /H-index	Peer reviewed / non-peer/e journal	N/ IN
Bari Kishor P and Unnati Padalia	In-vitro antibacterial property of metabolites of alkaliphilic isolates against Methicillin resistant S. aureus (MRSA).	International Journal for Science and Advanced Research in Technology	4.28	ISSN : 2395-1052	Peer reviewed	IN
Amod Anil Apte and Unnati Padalia	Production of biosurfactant from Bacillus subtilis MTCC 441 and its Industrial and Environmental application.	IOSR-Journal of Pharmacy and Biological Sciences (IOSR-JPBS)	3.83	e-ISSN:2278-3008, p-ISSN: 2319-7676	Peer reviewed	IN
Amod Anil Apte and Unnati	Padalia Production of biosurfactant from Bacillus subtilis MTCC 441.	International Journal of Pharmacy and Biological Sciences	3.1	ISSN: 2321-3272(print) ISSN: 2230-7605 (online)	Peer reviewed	IN

Riddhi Gada and Unnati Padalia	Biosynthesis of silver nanoparticles from citrus fruits	International Journal of Pharmacy and Biological Sciences	3.1	ISSN: 2230-7605 (online)	Peer reviewed	IN
Riddhi Gada and Unnati Padalia	Green synthesis of silver nanoparticles using citrus sinesis (Orange) peels and its application	International Journal for Science and Advanced Research in Technology	4.28	ISSN : 2395-1052	Peer reviewed	

Research Consultancy:

Name of the teacher/s	Title of the project	Name of the company/ Firm	Ref No. and date	Duration From - to (year)
Dr. Unnati Padalia	Testing a Classical Liquid Alcohol preparation	RA Poddar Medical College (AYU) Worli Mumbai 18	17/01/2018	1 week

Awards related other than research activities:

Name of the teacher	Details of award	Event	Date	L/S/N/IN
Dr. Unnati Padalia	Long Service award	Teachers day	5 th Sept.2017	L
Dr. Unnati Padalia	For Managing Committee Member Institutions)	Mumbai Pradesh Arya Vidya Sabha (17 Gurukul	24/12/2017	L

Dr. Lolly Jain Activity organised :

- As Member, IQAC contributed in organizing
 1. One Day Workshop on Nuts and Bolts of Research Methodology for PG students on 31/01/2018.
 2. Five Day Faculty Development Program - Self Development in the Context of Spirituality- A Practical Approach from 30/01/2018 to 3/02/2018
 3. Lecture for UG and PG on the topic: Facing the Interview, A Challenge on 15/07/2017
- E-Portfolio Workshop for Chemistry T.Y.B.Sc students on 7/04/2018 (2 batches)

International Journal for Science and Advanced Research in Technology, Vol. 4 Issue 3, March 2018, pp 2109-2112, ISSN : 2395-1052, Impact Factor: 4.28

2. Isolation, Screening, Characterization and Identification of Biosurfactant Producing Halophiles from Sambhar Saline Lake, India by Shabib Khan, Lolly Jain in Aayushi International Interdisciplinary Research Journal (AIIRJ) Special Issue No.25, UGC Approved Sr. No. 64259, ISSN: 2349-638, Impact Factor: 4.574
3. Reinforcing culture of Excellence through IQAC by Vijay Joshi, Pradnya Prabhu, Lolly Jain, Madhavi Jardosh published in Proceedings of National Conference on College IQAC: Meaning and Manifestations organized by Deccan Education Society's Kirti M, Doongursee College of arts, Science and

Papers published:

1. Synthesis of Bioflavor (Butyl acetate) using bacterial lipases by Pratik Ghag, Lolly Jain in

Commerce, Dadar (W), Mumbai. ISBN 978-81-930573-8-4

4. Innovative Practices in Curriculum Design by Vijay Joshi, Pradnya Prabhu, Lolly Jain, Madhavi Jardosh published in Proceedings of National Conference on College IQAC: Meaning and Manifestations organized by Deccan Education Society's Kirti M, Doongursee College of arts, Science and Commerce, Dadar (W), Mumbai. ISBN 978-81-930573-8-4

Posters / Papers Presented:

- Isolation, Screening, Characterization, and Identification of Biosurfactant producing halophiles from Sambhar saline lake, India by Shabib Khan, Dr. Lolly Jain in International Conference on Recent trends in Science and Technology organized on 22/03/18–23/01/2018 at S.S.S.K.R Innani Mahavidyalaya, Karanja(Lad) Dist. Washim. (Paper)
- Studies on the Optimization of Production, characterization and applications of Biosurfactant obtained from Halophiles isolated from Saline Lakes by Shabib Khan, Lolly Jain in Research Scholar's Meet organized on 28/02/2018 at K. J. Somaiya College of Science and Commerce, Vidyavihar. (Paper)
- Study of response of microbes isolated from water bodies at increasing concentrations of nutrients by Leena Shah and Lolly Jain at Jigyasa 2018, K.C.College, Mumbai on 17/02/2018 (Paper)
- Extraction of Microbial Lipases and Studying its Optimization Parameters by Pratik Ghag and Dr. Lolly Jain at Intercollegiate Poster Competition- SRIJNA (GNIRD) organized by Guru Nanak Khalsa College of Arts, Science & Commerce on 20/01/2018 (Poster)
- Isolation of Trinitrophenol degraders and its application in bioremediation by Poorvi Gujjar and Dr. Lolly Jain at Intercollegiate Poster Competition- SRIJNA (GNIRD) organized by Guru Nanak Khalsa College of Arts, Science & Commerce on 20/01/2018 (Poster)
- Isolation of Trinitrophenol degraders and its

application in bioremediation by Poorvi Gujjar and Dr. Lolly Jain at BIOINNOVA-National Conference on food, nutrition and healthcare at Thakur College of Science and Commerce, Kandivali east, Mumbai on 10/02/2018 (Poster)

- Extraction of microbial lipases and studying its optimization parameters by Pratik Ghag and Dr. Lolly Jain at BIOINNOVA-National Conference on food, nutrition and healthcare at Thakur College of Science and Commerce, Kandivali east, Mumbai on 10/02/2018 (Poster)
 - Extraction of microbial lipases and its application in green synthesis of Bio-flavour by Pratik Ghag and Dr. Lolly Jain on National Science Day at K.J.Somaiya College of Science and Commerce Mumbai on 28/02/2018 (Poster)
 - Isolation of trinitrophenol degrading microorganisms and its application in bioremediation by Poorvi Gujjar and Dr. Lolly Jain on National Science Day at K.J.Somaiya College of Science and Commerce Mumbai on 28/02/2018 (Poster)
 - Study of response of microbes isolated from water bodies at increasing concentrations of nutrients by Leena Shah and Dr. Lolly Jain on National Science Day at K.J.Somaiya College of Science and Commerce Mumbai on 28/02/2018 (Poster)
 - Extraction of Microbial Lipases and its application in synthesis of butyl acetate (Pineapple flavor) Pratik Ghag and Dr. Lolly Jain at
 - ICMTBT-2018 National conference on Microbial technology for better tomorrow organized by D Y Patil college of Arts, Science and Commerce, Pimpri Chinchwad, Pune on 17/2/18 -19/2/18 (Poster)
 - Isolation of trinitrophenol degrading microorganisms and its application in bioremediation by Poorvi Gujjar and Dr. Lolly Jain at
- ICMTBT-2018 National conference on Microbial technology for better tomorrow organized by D Y Patil college of Arts, Science and Commerce, Pimpri Chinchwad, Pune on 17/2/18 -19/2/18 (Poster)

Conference organised/ attended:

- Two Day National conference on curriculum design and evaluation on 12/1/2018-13/1/2018 (Organised)
- **Seminars organized / attended:**
- 3-day workshop on Flipped Learning at K.J.Somaiya College of Science and Commerce, Vidyavihar from 8/06/2017 to 10/06/2017.
- One Day workshop on CURRICULUM DESIGNING at K.J. Somaiya College of Science and Commerce, Vidyavihar on 14/07/2017.
- One day Workshop on CAS for degree college Teachers as per the 4th Amendment at R.J.College, Ghatkopar, Mumbai on 22/07/2017.
- Two Day Science Academies Lecture Workshop on Biotechnology for Crop Improvement at D.Y.Patil Deemed to be University, CBD Belapur, Navi Mumbai from 21/09/2017 – 22/09/2017.
- The National Level STEM Teacher Training Workshop on Research Based Pedagogical tools – Level 1 by IISER Pune, DBT, Newton Bhabha Fund of the British Council, MHRD, Govt. of India and INSA, Delhi from 6/10/2017 to 9/10/2017
- The National Level STEM Teacher Training Workshop on Research Based Pedagogical tools – Level 2 by IISER Pune, DBT, Newton Bhabha Fund of the British Council, MHRD, Govt. of India and INSA, Delhi from 6/12/2017 to 8/12/2017
- Faculty Development Program - Self Development in the Context of Spirituality- A Practical Approach at K.J.Somaiya college of Science and commerce from 30/01/2018 to 3/02/2018
- Half day State Level Workshop on Professional Skills in effective teaching at IISER, PUNE on 26/02/2018
- Editor, Proceedings of National conference on curriculum design and evaluation organized on

12/1/2018-13/1/2018 at K.J.Somaiya College of Science and Commerce ISBN 978-93-5291-343-5

Ms. Soniya Shetty

- Attended a two week short term course on Analysis Gas Chromatography From 11/12/17 to 22/12/17 at Advanced training Institute, Mumbai.
- She was on FIP from 2/3/17 to 27/5/18 for her Ph.D completion.

Workshop attended

- Faculty Development Program by IQAC, KJSSC on Self-Development in the Context of Spirituality- A Practical Approach from 30/01/2018 to 3/02/2018 at K.J.Somaiya college of Science and commerce.

Papers Presented At The Conference / Seminar

- Soniya Shetty, Improvement in Methylene Blue adsorption of coir pith by anaerobic microbial treatment. Green Earth- a Panoramic view, B.N. Bandodkar College. Thane, 12&13 Jan 2018.

Mr. Shabib Khan

1. Registered for Ph.D. in July 2017.
2. Successfully completed 26 days (1st May-26th May, 2018) Induction Programme organised by the Centre of Excellence in Science and Mathematics Education (CoESME) at Indian Institute of Science Education and Research (IISER) Pune, under the aegis of MHRD's Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
3. Conducted one Credit course "Basic Techniques in Microbiology" for Honour's student in the month of April 2018, for the Academic year 2017-2018.
4. Worked as an Examiner for T.Y.B.Sc. Microbiology Paper- I Theory for Second half of 2017 and First Half of 2018 for University of Mumbai.
5. Submitted completion report in July 2017, of the Minor Research Project entitled: Study on Applications of Biosurfactants extracted from

Halophiles, which was sanctioned in the academic year 2016-2017 to the APD section University of Mumbai Project No.259 2016-17 as Principal Investigator along with Dr. Lolly Jain as Co-Investigator.

6. Worked as a Member, organizing committee for National Conference on Curriculum Design and Evaluation organized by IQAC, KJSSC at Kalidas Sabhagriha K. J. Somaiya College of Arts and Commerce during 12th -13th January, 2018.
7. Worked as a Member, organizing committee for National Conference on GST and Indirect tax reforms-Impact on economy at the Seminar hall K. J. Somaiya College of Arts and Commerce 29th -30th November, 2017.
8. Worked as a Member of Committee for Guidance for Competitive Exams, Member of Information Cell, Member of Committee for Honours Course.
9. Worked as a Member-Board of Studies for review of F.Y.B.Sc. Syllabus and framing of Internal Evaluation for M.Sc. Autonomous Syllabus.

Workshops Attended:

10. Attended one local Workshop by Dr.Mrs Vasudha Kamat on Curriculum Designing on 14th July, 2017 at Seminar Hall, K. J. Somaiya College of Science and Commerce, Vidyavihar.
11. Attended a Workshop on Human Genetics at VES College, Chembur, Mumbai, during 15th - 17th January, 2018.
12. Attended a Workshop on Nuts and Bolts of Research Methodology at K. J. Somaiya College of Science and Commerce on 31st January, 2018.

Papers Presented At Conference/Seminar

1. Shabib Khan, Lolly Jain, Title: Isolation , Screening, Characterization, and Identification of Biosurfactant producing halophiles from Sambhar saline lake, India at an International Conference at S.S.S.K.R Innani Mahavidyalaya, Karanja (Lad) Dist. Washim during 22nd -23rd March, 2018.

2. Shabib Khan, Lolly Jain, as Progress Report of Ph.D. Research work entitled: Studies on the Optimization of Production, Characterization and Applications of Biosurfactant obtained from Halophiles isolated from Saline Lakes, on National Science Day on 28th February, 2018 at Research Scholars Meet (RSM) conducted at K.J.Somaiya College of Engineering.
3. Nipurna Murkar Shabib Khan, Title: Extraction of Melanin Pigment from *Azotobacter* spp and its Application as Protective Against UV, at Jigyasa 2018, (Oral Presentation) at K.C. College, Mumbai on 17th February, 2018.
4. Shreya Nair, Divya Nikumb, Shabib Khan, Title: A Study on Sensitivity of Bacterial culture towards Microwave Radiation, at Jigyasa 2018 (Oral Presentation) at K.C. College, Mumbai on 17th February, 2018.

Posters Presented At Conference/Seminar

1. Megha Waghela, Khan Shabib- Title: Isolation, Characterization, Purification and Extraction of bacterial Pigments from various food samples and their applications, at BIOINNOVA-National Conference on food, nutrition and healthcare at Thakur College of Science and Commerce, Kandivali (East), Mumbai on 10th February, 2018. (**Abstract published**).
2. Nidhi Goriwale, Khan Shabib- Title: Comparative study on Bioethanol production from Neem leaves using *Saccharomyces* spp and *Bacillus* spp and its antibacterial activity, at BIOINNOVA-National Conference on food, nutrition and healthcare at Thakur College of Science and Commerce, Kandivali (East), Mumbai on 10th February, 2018. (**Abstract published**).
3. Megha Waghela, Khan Shabib -Title: Isolation, characterization and Extraction of Pigment producing bacteria from various food and their possible use as biocolours and in cosmetics, at National Conference on Microbial Technology on Sustainable Development at D.B.F. Dayanand College of Arts and Science, Solapur on 2nd February, 2018. (**Abstract and paper published**).

Papers Published In Research Journals:

Name of the authors and co-authors	Title of the paper	Journal name, Vol.No; mm-yyyy; page nos	Impact factor	ISBN/ISSN/ Scopus /H-index	Peer reviewed /non-peer/e journal	N/ IN
Shabib Khan, Lolly Jain	Isolation, Screening, Characterization and Identification of Biosurfactant Producing Halophiles from Sambhar Saline Lake, India	Aayushi International Interdisciplinary Research Journal (AIIRJ)Special Issue No.25UGC Approved Sr. No. 64259	4.574	ISSN: 2349-638x	Peer reviewed	IN
Megha Waghela, Shabib Khan	Isolation, characterization of Pigment producing bacteria from various food samples and testing of antimicrobial activity of bacterial pigments.	D.A.V International Journal of Science, Volume 7, Issue-1 2018		ISSN:2277-5536 (Print) ISSN:2277-5641(Online)	—	IN
Nidhi Goriwale, Shabib Khan	Comparative study on Bioethanol production from Neem (<i>Azadirachta indica</i>) leaves using <i>Saccharomyces</i> spp and <i>Bacillus</i> spp	D.A.V International Journal of Science, Volume 7, Issue-1 2018		ISSN:2277-5536 (Print) ISSN:2277-5641(Online)	—	IN

Dr. Rashmi Thakur

Posters / Papers Presented:

1. Arushi Pandya and Dr. Rashmi Thakur, AVISHKAAR, Screening of Phosphate solubilizers for their probiotic potential on 13/12/2017 at N.G. Acharya and D.K. Maratha College, Chembur.
2. Jill Gada and Dr. Rashmi Thakur, AVISHKAAR, Screening of Zinc solubilizers for their probiotic potential on 13/12/2017 at N.G. Acharya and D.K. Maratha College, Chembur.
3. Jill Gada and Dr. Rashmi Thakur, BIOINNOVA-National Conference on food, nutrition and healthcare Screening of Zinc solubilizers for their probiotic potential on 10/02/2018 at Thakur College of Science and Commerce, Kandivali east, Mumbai.
4. Arushi Pandya and Dr. Rashmi Thakur, BIOINNOVA-National Conference on food, nutrition and healthcare Screening of Phosphate solubilizers for their probiotic potential on 10/02/2018 at Thakur College of Science and Commerce, Kandivali east, Mumbai.
5. Devangi Mehta and Dr. Rashmi Thakur, BIOINNOVA-National Conference on food, nutrition and healthcare Isolation and characterization of Nitrogen fixing bacteria from soil on 10/02/2018 at Thakur College of Science and Commerce, Kandivali east, Mumbai.

6. Ankita Hatale and Dr. Rashmi Thakur, Microbial technology for sustainable development Determination of Probiotic potential of plant growth promoting bacteria from soil on 2nd feb 2018 at Dayanand College of Arts and Science, Solapur.
7. Devangi Mehta and Dr. Rashmi Thakur SRIJNA Inter-collegiate Poster competition Isolation and characterization of Nitrogen fixing bacteria from soil on 20/1/2018 at GN Khalsa College, Arts, Science and Commerce Mumbai.
8. Devangi Mehta and Dr. Rashmi Thakur, ICMTBT-2018 National conference on Microbial technology for better tomorrow Isolation and characterization of Nitrogen fixing bacteria from soil on 17/2/18 at D Y Patil college of Arts, Science and Commerce, Pimpri Chinchwad, Pune
9. Ankita Hatale and Dr. Rashmi Thakur, ICMTBT-2018 National conference on Microbial technology for better tomorrow, Determination of Probiotic potential of plant growth promoting bacteria from soil on 17/2/18 at D Y Patil college of Arts, Science and Commerce, Pimpri Chinchwad, Pune
10. Devangi Mehta and Dr. Rashmi Thakur on National Science Day, Isolation and characterization of Nitrogen fixing bacteria from soil on 20/1/2018 at K.J. Somaiya College of Science and Commerce Mumbai.
11. Arushi Pandya and Dr. Rashmi Thakur ICMTBT-2018 National conference on Microbial technology for better tomorrow Screening of Phosphate solubilizers for their probiotic potential on 17/2/18 at D Y Patil college of Arts, Science and Commerce, Pimpri Chinchwad, Pune
12. Jill Gada and Dr. Rashmi Thakur ICMTBT-2018, National conference on Microbial technology for better tomorrow Screening of Zinc solubilizers for their probiotic potential on 17/2/18 to 19/02/2018 at D Y Patil college of Arts, Science and Commerce, Pimpri Chinchwad, Pune
13. Jill Gada and Dr. Rashmi Thakur Poster Competition National Science Day Screening

of Zinc solubilizers for their probiotic potential on 20/1/2018 at K.J. Somaiya College of Science and Commerce Mumbai.

14. Ankita Hatale and Dr. Rashmi Thakur National Science Day, Determination of Probiotic potential of plant growth promoting bacteria from soil on 20/1/2018 at K.J. Somaiya College of Science and Commerce Mumbai.

Research Consultancy

- Analysis of Microbial Diversity was carried out for Mr. Sandeep Kulkarni from K.J. Somaiya College of Arts, Science and Commerce, Mumbai for which an amount of 1000 Rs. have been received.

Research Grants:

International grant

- Dr. Rashmi Thakur was a part of Probiotic research group of Somaiya Vidyavihar, the research group has received a funding of 10000USD from Dr. Larry Walker Former Director, Cornell Biofuel labs.

Minor Research project: University of Mumbai

- Dr. Rashmi Thakur have received a grant of 30000 Rs. for Minor Research project on topic Formulation of probiotic kefir icecream. (R-67) on 26/03/2018 for 2017-2018.

Achievements

Dr. Rashmi Thakur team coach of Cistron (four students) representing University of Mumbai participated in VIII International Natural Science Tournament, organised in Agra, India 29th Jan 2018 to 3rd Feb 2018 and have won Silver Medal in the category.

Committee member

- Research Monitoring Committee
- Attendance Committee
- Google Co-ordinators
- Website development
- Worked as a Member-Board of Studies for review of framing of Internal Evaluation for M.Sc. Autonomous Syllabus.

Dr. Seema Sambrani

1. Participated in the workshop by Dr. Mrs. Vasudha Kamat on CURRICULUM DESIGNING
2. Was a member and Co convener of Research monitoring committee organized a talk by by Dr. Chetna Roat, Kothari Fellow, UGC, on Funding Agencies at various levels for scientific Research.
3. Attended a talk by Dr. Faff Robert Williams, Univ of Queensland, Australia on Pitching Research.
4. Participated in the Road show organised by SIMSER with the University representatives from various Italian Universities on Education in Italy-oppourtunities for higher education on 25/11/2017.
5. Attended a workshop on Identification and Preservation of Microorganisms,conducted by the DBT Organisation NCCS-NCMR,Pune from 8/1/2018 to 13/1/2018.
6. Attented and presented paper orally at International conference on Microbial technology for better tomorrow at D Y Patil College of Arts,Science, and Commerce, Chinchwad, Pune, from 17th to 19th February, 2018 on the topic Bioremediation of Crude oilspills by Bioaugmentation with a Mineral Formula tailored with a native strain selected for solvent tolerance.
7. Attended Faculty Development Program conducted by by IQAC, KJSSC on Self Development in the Context of Spirituality- A Practical Approach from 30/1/2018 to 3/2/2018.
8. Was invited as the chief guest for the MICROMAGIC event at the N.B.Mehta College of Arts,Science and Commerce,Bordi and was the judge for Poster Presentation too on Jan 6th, 2018
9. Was the Judge for the Powerpoint presentation at the Dept of Zoology, Zorilla event on 5 January, 2018.
10. **The following posters were presented by the students under the guidance at**

1. ICMTBT-2018 from 17th to 19th February, 2018

at International conference on Microbial technology for better tomorrow D Y Patil college of Arts, Science and Commerce, Pimpri Chinchwad, Pune

- Vishal Shetty - Use of Quantum Dots for detection of transformation
 - Srinivas Ravi- Production and optimization of Organic solvent tolerant lipases in the presence of Cationic surfactants.
 - Neeraja Kolhatkar- Optimization & Extraction of enzyme Agarase from agar degrading bacteria.
2. International Conference on Nanotechnology for Human Welfare,from 1-2 Feb 2018, at H.V Desai College, Nashik
 - Vishal Shetty on Use of Quantum Dots for detection of transformation.
3. State Level Seminar on Biotechnology For Sustainable Development at HPT/RVK College, 8th and 9th January, 2018 by the students
 - Neeraja Kolhatkar - Optimization & Extraction of enzyme Agarase from agar degrading bacteria.
4. SRINJA,poster competition.Nurturing creativity and innovation at Guru Nanak Khalsa college of Arts, Science & Commerce, Mumbai on 20/1/2018.
 - Vishal Shetty - Use of Quantum Dots for detection of DNA transformation
 - Srinivas Ravi - Production and optimization of Organic solvent tolerant lipases in the presence of Anionic surfactants.
 - Neeraja Kolhatkar - Optimization & Extraction of enzyme Agarase from agar degrading bacteria.
 - Girija Verma on Isolation & Characterization and identification of organic solvent tolerant amylase producing bacteria.

Dr. Anup Deshpande

Paper Published

1. Deshpande, A.A., Shukla, A., and Bachhawat,

A.K. Genetic and biochemical investigations on the cystinosis transporter using a novel genetic screen. Scientific Reports (Accepted).

2. Deshpande, A.A., Sharma M., and Bachhawat, A.K. Insights into the molecular basis for substrate

binding and specificity of the fungal cystine transporter CgCYN1. BBA Biomembrane.

Went as an External examiner from 29/12/2017 to 30/12/2017 at Badrinarayan Barwale Mahavidyalaya, Jalna, Maharashtra.

Department of Nutraceuticals

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

Title/Theme of the event organised	Workshop / Conference/ seminar / guest lecture / abhyasmahotsav	L/S/ N/IN	Date	Venue	Name of Resource person/ Designation / Institute to which he/she belongs to	No.of teachers attended	No of students attended
Development of Functional food product Vs Nutraceutical product	Talk	L	24-08-2017	Class room 612, 6 th floor engineering college building.	Dr. Manjiri Bhawe	3	35
Nutricus	Seminar	L	15-01-2018 to 16-01-2018	Nutraceutical Lab and 517, Seminar hall	Dr. Sheetal Gupta, FSSAI Dr. Shalini Arya, ICT Mr. Prafull Gupta	5	50
Social Awareness activity	Guest Lecture	L		Ghatkopar police colony for police wives on food and nutrition	Dr Veena Salvi. KJSSC		
Fusion Garaba	Dance form Aim-To burn calories in trendy way		22-09-17	Class room 612, 6 th floor engineering college building	KJSSC	2	24
Field visit	SGNP		12-08-17	Borivali Mumbai		2	38
Industrial Visit	Man food industry Mahalaxmi industry		7 th to 9 th Feb 2018	Silvassa		2	37

Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility:

Students of Nutraceuticals Msc Part II guided 4th and 6th grade students of “The Somaiya School”

on various food preservation, adulteration projects for their BEAMS activity conducted on 22-07-2017 at Somaiya School.

Department of Physics

The Department Organized an invited talk on ‘Foundation of Science and Technology Quest for Truth’ under DBT-Star College scheme for the students of UG and PG on 15th January, 2018. Dr. R.S. Patil, M.Sc., Ph.D. from The New College, Kolhapur was invited to give talk. He delivered a very nice talk on Quest for Truth covering the Fascinating Nanoworld.

It was to make the students aware of the various current scientific developments of the Nano World and its impact on the globe. Around 96 students of UG and PG attended the talk. Certain curious questions were asked by the Resource Person to the Students. Students have been immensely benefited by the visit.

Floral welcome of the Resource Person has been offered by Prof. Ranjana Shukl, Head, Physics Department.

The department of Physics organized one day Educational visit on, under DBT Star College Award Scheme. The program was planned to visit two frontier institutes working in Physics viz, CDAC and IUCAA, Pune.

There were 50 undergraduate students and 5 teaching staff from the department participated in this tour. At both the institutes, students were given information about various research and academic activities conducted by scientific officers.

At IUCAA, our students enjoyed campus along with information about various research activities and opportunities.

Night sky gazing was arranged by the department of physics on 13th January 2018 at Hindu Seva Sangh Maidan in Marnoli Village. There were 59 students from different departments from UG section.

There were three 8 inch telescopes. Mr Shishir Deshmukh briefly introduced constellations, their

history, stars and other objects. The session began by viewing Venus and Mars. Later on open cluster, Andromeda Galaxy, binary stars and crab nebula.

Also the student observed binary stars, sigma Orion and Jupiter along with four moons.

The Department of Physics organized the third year of its hugely successful Physics festival “Fizika”, on 22nd December 2017, under the able guidance of the head of the department Prof. Ranjana Shukl. The Physics students of third year took the lead in planning and execution of the day-long programme with the help of the MSc. Students under supervision of the four teacher in-charges : Dr. Geeta Nair, Dr. Pallavi Raote, Dr. Rucha Naik and Dr. Ritwika Chakrabarti. Both in-house as well as students from other colleges participated enthusiastically in the events.

The major events followed, beginning with the elimination round of the quiz competition, called “Eureka” has been a popular event with many entries from our college as well as outside. So was the case with the cross-word competition called “Fwords”. Both were hugely enjoyed by the participants and the audience. The next event was for people with a passion for building and designing structures, called “Bob the builder”. Ice-cream sticks were given to build bridges which were then tested for their strength and stability by placing weights on them. The audience cheered on the teams as weights were placed on their bridges and a collective sigh went out as one after the other the constructed bridges broke down.

After this event called “Cine Fizika” which challenged the participants to identify what was wrong, Physics-wise, in a particular movie clip. “Espectro” the photography competition with the themes “Physics around us” and “Physics in sports”. and treasure hunt. Apart from the events, there were demonstration and exhibition of many interesting Physics experiments during Fizika.

Achievements of students

The students in department of Physics are very enthusiastic. They like to participated in various events. One of our student Mr. Ravikant Nalwadakar from S.Y.B.Sc (PM) was selected for Scuba Diving Camp 2017 through NCC 6 Maharashtra BN and successfully completed it.

Our Msc.II student Mr Ankush Banarjee was selected for participation in 6th IIST Astronomy and Astrophysics School - 2017 organized by Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram from 6 - 15 December 2017

Another M.Sc.-II Student Ms. Soni Prajapati was selected among top 50 students across the country to attend Physics Training and Talent Search PTTS 2017 Loyola college, Chennai. She successfully completed this course during 22/05/2017 to 03/06/2017.

Many of our Msc- II and I students namely Mooni Deb Burman, Akshay Poojary, Mihir Mehata, Jayesh Sah Pratamesh Garge Rehan Wahid, Aishwarya Kulkarni were participated in makers mela. They are the part of the team making paper Boat for world record. Few of these students are continuously working in association with riidle.

Our 24 PG and 03 UG students participated in Poster Competition at National science day and presented their project work.

Under the able guidance of Ms Ranjana Shukl and other faculty members our T.Y. B.Sc students are organized our departmental feast "Fizika 2017". Our students also participated in feast organized by other departments and well as in cultural program.

We also try for campus placements of our students. This year Precon Automation Ltd. interviewed final year students for the placement. Total 14 UG and 5 PG students appear for interview out of which five selected for technical interview. But three of them are surrender as they want to pursue higher studies and career in research. At the End one of our T.Y. B.Sc student Mr. Sourbha Dutta is received the placement offer form this company.

Achievements/activities of staff.

All the Faculty members from the Department of Physics is always shown interest in upgrading their

knowledge and impart it with students. Owing to this all our faculty members are participated in various workshops, Conferences and symposiums at national and international level.

Dr. Jitendra Pendharkar attended, International workshop on "Scientific Writing" From 08th to 09th June 2017 at Mehasana, Gujarath.

Dr. Jitendra Pendharkar attended, State level Gazal workshop on 21st June 2017 at Pune and STEM Teacher Training workshop on Research Based Pedagogical Tools at Sacred heart college, Kochi.

Dr. Jitendra Pendharkar STEM Teacher Training workshop on Research Based Pedagogical Tools – Level 2 from 06th to 8th Dec 2017 at INSA, Delhi.

Dr. Geeta Nair, Dr. Jitendra Pendharkar, Mr. Amit More, Dr. Ritwika Chakraborti, Dr. Jitendra Pendharkar STEM Teacher Training workshop on Research Based Pedagogical Tools Sacred heart college, Kochi Flip Learning workshop From 08th to 10th June 2017 held in the college.

Ms. Ranjana Shukl, Dr. Meena Sharma, Dr. Deepak More, Dr. Jitendra Pendharkar, Ms. Smita Survase, Dr. Geeta Nair, Mr. Amit More and Dr. Pallavi Raote attended Syllabus Framing workshop on 14th July 2017 held in the college.

Ms. Anshul Gupta attended an INTERNATIONAL TEACHERS' WEEKS 2017 for duration 06th to 19th August 2017 at European Nuclear research laboratory (CERN) Geneva, Switzerland

Dr. Meena Sharma, Dr. Deepak More, Mr. A. M. Shaker attended Workshop of Meplesoft Product Overview - level 1 on 13th Spet 2017 held in the college.

Ms. Rajana Shukl, Dr. Meena Sharma attended Biophysics Seminar on 22nd Spet 2017 at Ruparel College.

Dr. Meena Sharma attended Conference of Education and technology from 10th to 11th Nov 2017 at IISER, Pune and also did on online workshop on Physics of semiconductors Organized by IIT, Kanpur

Mr. Ketankumar Gayakawad attended 62nd DAE Solid State Physics Symposium from 26th to 29th Dec 2017 at BARC, Mumbai.

Dr. Geeta Nair attended STEM Teacher Training workshop on Research based pedagogical tools from 10th to 13th Dec 2017 at IIT, Gandhinagar

Ms. Ranjna shukl, Dr. Meena Sharma, Dr. Pallavi Raote attended Lasers and Their Applications from 20th to 21st Jan 2018 at IWSA, Navi Mumbai

Paper presented in conference/ Published by faculty members of Department of Physics

Dr. Jitendra Pendharkar presented a paper at 3rd International Young Scientist Congress dated 08th May 2017 held in Mehasana, Gujarat

Mr. A. M. Shaker presented a paper at KRAMMCE - 2017 dated 01st to 02nd June 2017 held in Hyderabad

Dr. Meena Sharma presented a paper at International conference of Sound and vibrations - 24 from 23rd to 27th July 2017 held in London

Paper published in journal by faculty members during academic year 2017-18

The following staff member was auther of various research paper

Dr. Jitendra Pendharkar, Magneto - mechanical properties of Iorn- rare earth quaternary RFe₂ type polycrystalline alloy for Dr. Jitendra Pendharkar in Indian Journal of applied research V-7, July 2017 pp-335-336

Kiriti Agashe, Nisha Sarwade, Sangeeta Jpshi, Madhavi Takurdesai, **Smita Survase**, Pravin Trimali, Kandasmī Asokan

By Effect of gamma irradiation on resistive switching of AL/TiO₂/n+ ReRAM in Nuclear instrumentation and methods is Physics Research B,408, 2017, 38-44

Smita Survase and Madhavi Thakurdesai, I Sulania, D. Kanjilal by Swift Heavy Ion irradiation induced nano-crystallisation in Te/Cd/Te tri-layer thin film in Thin Solid Films, 603, (2017), 403-411

Two of our faculty members

Ms. Smita Survase and Mr Deepak Jalla register for PH.D

The university of Mumbai sponsored (2016-17) Minor research project titled "Synthesis of sliver nanoparticle using lead broth and testing its antibacterial activities" was completed by Ms Ranjana Shukl with co principal investigator Mr Jintendra Pendharkar and Dr. yogesh Ghalsasi.

One of our faculty member Dr. Jitendra Pendharkar was selected for post-doctroal project at Biophysics department, University of Mumbai and this year he also bagged the Somaiya Vidyvihar award 2017 for Excellence in research for degree college.

Many of our faculty members are invited as resource persons/ judges at various conferences/ lecture series/ events:

Mr. Ketan Kumar Gaikwad was the Resourse person for NIUS 2017 (16th to 24th June 2017) at HBCSE

Dr. Jitendra Pendharkar was the Resource person Revised university sullabus for S.Y.B.Sc. Sem - III- Biophysics (07th July 2017) at Jai Hind College, Mumbai

Ms. Smita Survase was the Judge for Science Exhibition - CBSE Level (14th July 2017) at AES, Majkhurd

Mr. A. M. Shaker was the Resource person at National Talent search Program (27th Nov to 1st Dec 2017) At NCERT, Delhi

Mr. Amit More was the Judge for R West ward level science exhibition 2017-18 (08th Dec 2017) at Acharya Nerendra Dev High school and Jr. College, Borivali

Department of Statistics

- 1. National Statistics Day:** On 29th June 2017, the students of S.Y.B.Sc. and T.Y.B.Sc. celebrated National Statistical Day in the mark of 124th birth anniversary of India's most eminent statistician "Sir Prasanta Chandra Mahalanobis". This was the 3rd year of celebration where the tradition of learning statistics with fun is practiced. Around 75 students attended the event. The event started with the college campus prayer sung by T.Y.B.Sc. student Shraddha Indulkar. Prof. Prashant Shah (HOD) initiated the program by giving a brief history about P.C. Mahalanobis and his contributions. He later welcomed the guest of honour Mr. Abhay Walimbe who delivered a lecture on "Introduction to Six Sigma" and its application in Statistics. After the tea break, the event was followed by power point presentations given by various S.Y. and T.Y. students. The topics of their presentations were basic concepts of statistics such as mean, mode, median, applications of statistics in real life, careers in statistics, statistical science, Statistical Software like Python, Data Mining, etc. This helped them to understand the topics better and it gave a boost to their inter-personal skills. There were many fun games in between the power-point presentations which included riddles, tricky questions, who am I? etc. A Quiz Contest was also held which had two rounds- Elimination round and Final round. The results of Quiz Contest were announced and winners were given prizes and chocolates.
- 2. 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 one-day workshop on "STATISTICAL ANALYSIS USING R" for all students and teachers from different disciplines on 22nd July 2017. 40 participants from different colleges attended the workshop. These participants were from different disciplines like Botany, Zoology, Computer Science, Mathematics, Geology and Engineering.
- 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. To simplify the subject further, a guest lecture in this regard was arranged for the students on 05th Aug, 2017. 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 primary focus was to emphasise on how clinical trials is different from bioequivalence. He also 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.
- 4. BoS meeting:** To revise the syllabi for F.Y.B.Sc. Statistics, Board of Studies meeting was called on Saturday 19th August 2017 at 11.30 a.m. in the Board Room of the College to discuss the relevant matters. Dr. Santosh Gite (HOD, University of Mumbai), Mr. Prasad Patki (HOD, Bhavans College, Mumbai), Mr. Abhijit Patil (Wills Towers Watson: Specialist in Analytics and model development), Mr. Lalit Kothawade (Alumni), and all four faculty members were present for the meeting.
- 5. Lecture on Big Data Analytics:** A guest lecture on big data analytics was arranged for the students of statistics on 24th Nov, 2017. The speaker for the day was Mr. Vinayak Deshpande who's currently Managing Director of Sankhya Analytics Pvt. Ltd. LLP, U. K. His expertise in the field of data analytics has lasted for more than 12 years. Around 25 students attended the lecture accompanied by all the 4 faculty members of the department.
- 6. Industrial Visit To Rahuri:** Industrial Visit to Krishi Vidyapeeth (Agricultural University),

Rahuri, (Dist. Ahmednagar) was organised for three days from 13th to 15th December 2017. The Krushi Vidyapeeth at Rahuri 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 14 students along with two faculty members. On 14th Dec, 2017, we visited “GauShanshodhanAniVikas Kendra”, where the head of the institute gave information about how the milk production is the best side business for agriculture, also how cattle hybridization is done, nomenclature of cows and buffaloes and milk production from them. They also showed some hybrid cows, viz: 2PT83, etc. Then the team moved to Agriculture University where Mrs. Deshpande (Senior faculty at Krishi Vidyapeeth) guided students about designs of experiments, linear regression model and sampling in statistics and their actual application in agriculture. We also visited to AMANTRAN Agritourism, one of the famous spot in Pune, reputed for live experience of agriculture. The aim of institution is to make people aware of agriculture techniques and to keep alive old agriculture pure techniques.

7. **Shankhyastra:** On 16th Jan 2018 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. The program had a lecture on “Data Science & Machine Learning” delivered by Mr. Arshiyani Shaikh in which he gave demonstrations on how to do programming in Python for Big Data, how to use R Software & R Studio for Big Data Analytics etc. Around 60 students had participated in various events like “The In_Quiz_itors”, “Probability Fun-Fair”, “Pseudo-code”, “Roll ‘N’ Move” which involved Statistical concepts like Probability, Measures of Dispersion, Measures of Central Tendency, etc. Also, there were many Fun Games like “Blow & Lift”, “Balls & Cells” and “Stormy Balloons” which were being played simultaneously with these contests. The winners of these games were presented with gifts. 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.

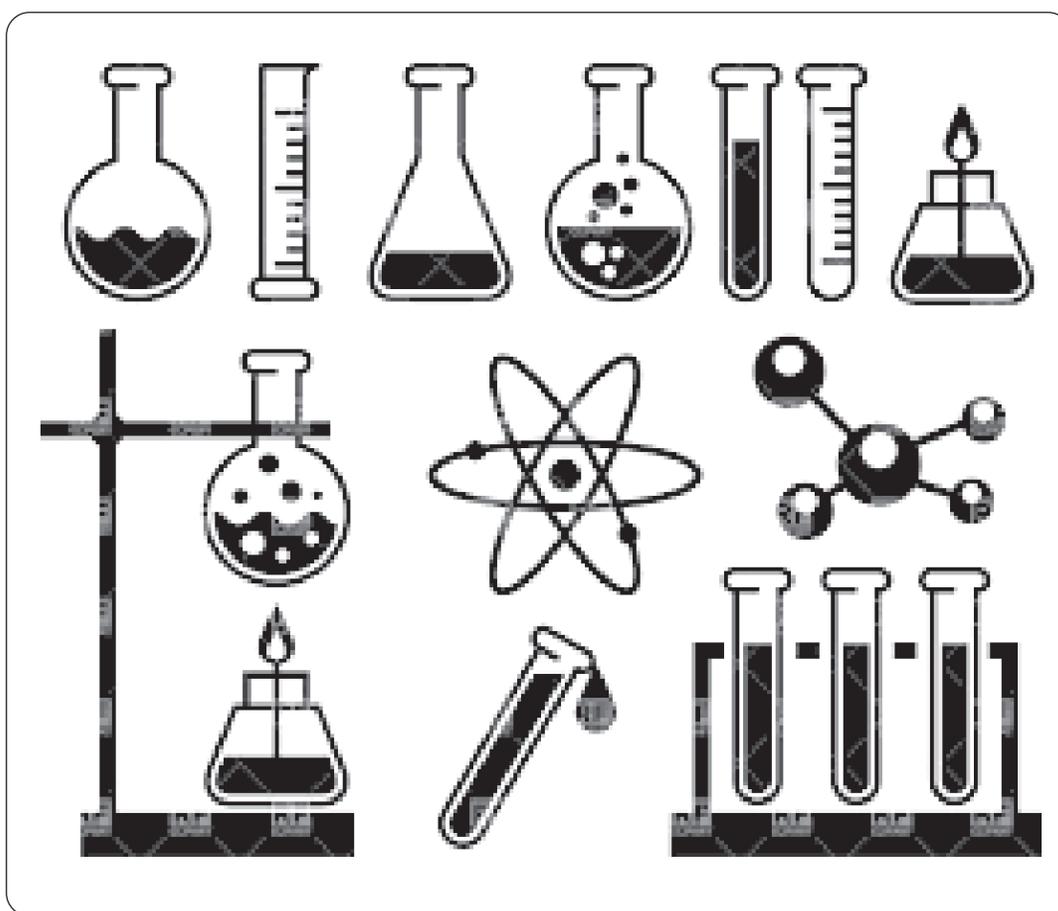
8. **Mr. Prashant Shah and Ms. Arati Kore Were Resource Persons for One Day Workshop on “Statistical Analysis Using R” Organised by Department of Statistics of K. J. Somaiya College of Science and Commerce on 22nd July 2017.**
9. Mr. Prashant Shah was invited as resource person for training program entitled “analysing and visualizing data with r-software” organised by department of statistics of K. C. College, churchgate, under the star scheme by department of biotechnology, govt of india on 04th august 2017.
10. Mr. Prashant Shah attended a naac sponsored conference on “curriculum design and evaluation” organised by K. J. Somaiya College of science and commerce on 13th january 2018.
11. Ms. Madhavi Jardosh attended four-day workshop on “research based pedagogy tools” organised by Gandhinagar iit from 10th to 13th december 2017.
12. Ms. Madhavi Jardosh is a coauthor for “descriptive statistics” by vipul prakashan-2017 with isbn: 978-93-86597-60-1.
13. Ms. Arati Kore and Ms. Namarata Nagwekar attended workshop on “flipped learning” organised by K. J. Somaiya College of Science and Commerce from 08th to 10th june 2017.
14. ms. arati kore attended workshop on “recent amendments in ugc norms for the api under cas” organised by K. J. Somaiya College of Arts and Commerce on 16th september 2017.
15. Ms. Arti Kore attended workshop on “revised accreditation framework: new guidelines from naac” organised by Birla College, Kalyan on 18th december 2017.

Department of Zoology

The department of Zoology organized the following events in the academic year 2017-18 for the benefit of their students:

On 19th August 2017, a special talk was arranged by Dr.Nishith Dhariya,Asst. Professor, Gujarat University on **Conservation strategies** in the Chemistry Seminar hall, attended by TY and MSc zoology students . Two more lectures were arranged by noted speakers as part of the Departmental festival Zorilla on 5th- 6th Jan 2018 by Mr. Asif Khan, Program officer, BNHS Special Talk on **Bird Biodiversity** and by Mr. Pawan Sharma, Honorary Warden, Mumbai Forest Department on **Human Animal Conflict**.

The Department also organized several, field and industrial visits like the Aarey Fish farm, National Institute of Oceanography, Open Day and National Facility of Biopharmaceuticals, Khalsa College, Mumbai. Besides this one day trip to Karnala Bird Sanctuary and Go Green nursery for SYBSc [45 students] and long excursion to Dandeli wildlife sanctuary for TYBSC and MSC students[48 students] , IV to CMFRI , Karwar, Karnataka were also organized.The **Department festival Zorilla** presents *De novo*, saw the participation of 300 plus students from all over Mumbai.



IQAC Activities



Cultural Forum



OVERVIEW OF NCC ACTIVITIES

Blood Donation & Organ Donation



TSC



PM RALLY



International Yoga Day



Tarang



Saptak



Sports Day 2017-18



NSS

Voters Registration & Card drive



Disaster Management



Road Safety



Street Play for Police on Alcohol & Drugs



Voters Awareness Rally



Tree Plantation Mumbra



Swachh Bharat Abhiyan Cleanliness Drive



Milk Adulteration Testing



NSS

Summer training & Yog Protocol TRG



Street Play for Police on Alcohol & Drugs





Committee Reports



Attendance Committee

Report on Activities of Attendance Committee for the academic year 2017-18

The Attendance Committee of K..Somaiya College of Science and Commerce has conducted mainly three events for the academic year 2017-18.

1. Induction Programme for F.Y B.Sc and F.Y.B.Com Students.
2. Parent-Teacher Meeting for the parents of SY/ TY B.Com/B.Sc (both Aided and Unaided sections) students.
3. Parent-Teacher Meeting for the parents of FY B.Com/B.Sc (both Aided and Unaided sections) students.

1. Induction Programme for F.Y B.Sc and F.Y.B.Com Students.

The Attendance Committee of K. J. Somaiya College of Science and Commerce, organized an induction programme for F.Y B.Sc and F.Y.B.Com students 25th July, 2017 in the Engineering College Auditorium. It was to make the newly joined FY students aware of the various academic and nonacademic activities in the college, the evaluation pattern, the rules and regulations of the examinations and to inspire them to do the courses they have taken with full enthusiasm.

The entire programme was divided into four sessions. The first session was attended by the FY B.Com (aided section) from 9.30 am to 10.30 am and the second session by all unaided section students (BCAF, BFM, BMS, B.Sc-IT and B.Sc-CS) from 10.30 am to 11.30 am. This was followed by the third session attended by FY B.Sc Students (A, B and C-Divisions) from 11.30 am to 12.30 pm. The last session was arranged after the lunch break from 1.30 pm to 2.30 pm which was attended by FY B.Sc Students (D and E-Divisions).

Each session was started with the campus prayer recited by the Vice Principal, Dr. Pragnya Prabhu. Examination Committee members presented examination patterns and rules and regulations regarding examinations. For the first two sessions Dr. Geeta Nair and for the rest two sessions Dr. Trupi Tawade represented the examination committee.

This was followed by the talk by Principal Dr. Vijay Joshi to motivate the students to work hard to achieve success in their all walks of life.

2. Parent-Teacher Meeting for the parents of SY/TY B.Com/B.Sc (both Aided and Unaided sections) students.

A **Parent-Teacher Meeting** meeting was organized by the Attendance Committee in coordination with various departments of Science and Commerce Faculty of K.J.Somaiya College of Science and Commerce for the Parents of **SY/TY B.Com/B.Sc**(both Aided and Unaided sections) students on **Saturday, 29th July, 2017 from 8.00 am to 2.00 pm.**

A talk on 'Effective Parenting' by **Mr. Arun Naik**, Counseling Psychologist, Astitva Training Institute was conducted for the parents of SY B.Com/B.Sc (aided) students in three sessions in the Seminar Hall. Around 300 parents benefitted from the talk. The speaker talked about today's challenges for the teens, the need to talk to the children about the problems and become ourselves a platform to put and sort their confusions about various aspects and more than anything else the parents should change themselves and their outlook towards their children. The parents were very impressed with the talk and thanked for keeping such a session for them.

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

- Departmental activities
- Examinations and the related details
- Intercollegiate events and activities
- Attendance of Students
- Tutor-Mentor scheme
- Career opportunities

- Remedial coaching
- Co-curricular and extra-curricular activities, sports, NSS, NCC, DLLE, IQAC, nature club, extension committee, certificate courses etc.

The parents appreciated the initiatives taken by college and departments.

3. Parent-Teacher Meeting for the parents of FY B.Com/B.Sc (both Aided and Unaided sections) students.

A Parent-Teacher Meeting meeting was organized by the Attendance Committee in

coordination with various departments of Science and Commerce Faculty of K.J.Somaiya College of Science and Commerce for the Parents of FY B.Com/B.Sc (both Aided and Unaided sections) students on **Saturday, 16th September, 2017 from 9.30 am to 1.00 pm**. A talk on 'Effective Parenting' was conducted for the Parents of FY B.Com/B.Sc (aided) by Mr. ArunNaik and Ms. Surabhi ArunNaik (Counseling Psychologists, Astitva Training Institute) in six different sessions. Around 300 parents benefitted from the talk. Around 530 parents benefitted from the talk. This was followed by teacher-Parent interaction.

Class, Division	Venue (Room No.)	No. of Parents attended	Suggestion by the Parents
B.Com (F,G,H)	301 & 306	170	Following points were discussed between teachers and parents. 1. Departmental activities 2. Somaiya website 3. Examination and related details 4. Attendance of students 5. Tutor mentor scheme, Co-curricular, sports, NSS, NCC, DLLE, IQAC, nature club, extension committee etc
B.Sc (A & B)	201	81	They suggested to keep PTA meetings every month. Many had queries regarding defaulter list and were satisfied by the teachers.
B.Sc (C& Biotech)	204	79	Parents suggested to give the subject notes to students.
B.Sc (D)	202	118	Students Should have counseling sessions for students regularly. Parents should also be informed about their monthly attendance and exam related notifications.
B.Sc (E)	203	82	Teachers should use mikes while taking lectures
B.Sc (CS)	6 th floor, Engineering College	24	They suggested to keep PTA meetings every month
B.Sc (IT)		40	
BCAF		25	
BFM		12	
BMS		35	

Awards and Prizes Committee

1. K. J. Somaiya college of Science and Commerce have a tradition of felicitating teaching (Junior and Senior College) and office staff of the college on teacher's day, for their long service rendered to the institution. Following teaching and office staff from senior college were felicitated at the hands of chief guest "Daji Panshikar" on Monday 04th September, 2017 in Kalidas Sabha Gruha hall.

Senior College

- Dr. Unnati Padalia
- Dr. Bhanu Raman

Office staff

- Mr. Ashwin Karia

2. Somaiya Vidyavihar awards-2017 (SVV-Awards 2017) were given to following staff members.

Somaiya Vidyavihar Awards-2017

- a) Non-teaching staff
 - i) Mrs. Meena Karkar (Promising Employee: Examination Cell)
 - ii) Mr. Prakash Kamble (Employee of the year: Physics Laboratory attendant)
- b) Senior College
 - i) CA Manisha Damle (Excellence in teaching: Accounts Dept)

ii) Dr. Shanti Upadhyay (Promising teacher: Zoology Dept)

iii) Dr. Jitendra Pendharkar (Excellence in research: Physics Dept)

3. The on line applications were invited from the degree college (B.Sc./B.Com./M.Sc./M.Com.) students for the award of "Best All Round Student of the College & Best Girl Student of the College" for the year 2017 – 18. For the selection of this written test, group discussion and personal interview was conducted.

- Sis. Arushi Pandya (M.Sc.-Microbiology) has been adjudged as the "**Best Girl student**" for the year 2017-18. In recognition of this achievement she is awarded the "**Smt. Sakarben Karamshibhai Somaiya Silver Medal**".
- Bro. Suryakant Nagar (M.Sc.-Chemistry) have been adjudged as the "**Best All Round student**" for the year 2017-18. In recognition of this achievement he is awarded the "**Padmabhushan Pujya Karamshibhai Somaiya Silver Gold plated Medal**".

Mr. Prashant Shah

Convenor, Awards and Prizes Committee

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"Certificate Course in Bio-Physics"

The Certificate Course in Bio Physics was started in the year 2012-2013, and now established as a popular course in the Institute. Students from first and second year are eligible for this course. This year there was a slight change in the implementation of the course. Instead of two semester course, it was conducted as a single module course with one internal and one semester end examination. There were 18 students enrolled from F Y/SY B Sc in 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, demonstration practical, and Visit to Department of Bio-Physics.

The course started with an introductory lecture given on Thermodynamics approach to Living system, followed by lectures on Life at cellular level. The lectures on Electrical properties of neurons were conducted by Dr Ananad Ambardekar from SIES College.

A visit was conducted to the Department of

Bio Physics, Kalina on 20th January 2018. It 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 Dr. Bipin Khade from the Department of Biophysics explained the students about the molecular and cellular level Bio Physics and also discussed about diffusion of ions. Mr Vijay Jaiswal showed the Fluorescence and UV spectroscopy. He also showed real pictures of Drosophilla, Cancerous cells, and

Neutrophils. He also explained the study on curcumin present in Turmeric having anti cancer property. Students were able to see advanced instruments used in research.

Students prepared articles 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, X-rays, fluorescence, Mathematical Bio-Physics, Thermodynamic approach to Bio-Physics etc.) were submitted.

Dr. Jitendra Pendharkar
(Department of Physics)

◆◆◆

Cultural Forum

Date of Fuctions: SURABHI: 15th, 16th & 18th December, 2018

Annual Day: 21st December, 2018

K. J. Somaiya College of Science & Commerce is having full of enthusiastic students which leads to celebrate and manage different cultural activities and run the cultural forum so smoothly. This year Cultural Forum arranged 2 major programmes of the year i.e. SURABHI & ANNUAL DAY. Cultural forum organized intra collegiate fest for the college students so that all the college students could participate in the different events and explore themselves. On 15th December, 2018 Surabhi started with the lamp lightning by our honorable Principal Dr. Vijay Joshi. In Surabhi, there were different events held viz. sports, performing arts, literary arts, fine arts. Also it introduced some out of the box events which can increase the ideology and imaginary power of the

students i.e. fruit carving, soap carving vegetable carving, salad decoration, caption painting etc. Surabhi ended with the lots of smiles on the faces of students and also the cultural committee to organize such a wonderful event.

ANNUAL DAY was held on 21st December, 2018 which started with lamp lightening by the honorable principal Dr. Vijay Joshi sir. 90's touch was given to the whole function to recollect and refresh those olden memories. Beautiful performances were given by the students through dancing, singing, mimicking, acting etc. Students who made college proud by winning prizes in Youth Festival 2016-17 organized by Mumbai University and students who won prizes in SURABHI & different inter collegiate events were felicitated by principal sir. Annual Day was ended with the beautiful song sung by the students who performed in Youth Festival 2017-18.

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कलागुणांची जत्रा, अस्मिता २०१७

मराठी मनाचा मानबिंदू...

भावनांची आकडेमोड,

अहंकार वजा नाट्याची जोड...

सावरला गेला इथे प्रत्येकाचा तोल,

असे आहे 'अस्मिता'चे मोल...

'अस्मिता'... मराठमोळा स्वाभिमान आणि संस्कृती यांची

एकत्रितपणे सांगड घालणारी 'क. जे. सोमैया विज्ञान आणि वाणिज्य महाविद्यालया'ची ही एकमेव 'कलागुणांची जत्रा'

ज्ञान, परंपरा आणि उत्साहाने नटलेले अस्मिताचे २५वे कलापुष्प बहाल केल्यानंतर यंदाचे २६वे कलापुष्प ही थाटात पार पडले.

'अस्मिता'ची खरी सुरुवात म्हणजे १८ नोव्हेंबर २०१७,

अस्मिता तर्फे झालेले श्री. समीर लिमये यांचे 'कॉर्पोरेट कीर्तन' 'सेमिनार हॉल' (पहिला मजला) ला पार पडलेल्या या कार्यक्रमाला प्रेक्षकांनी आणि शिक्षकवर्गाने देखील भरभरून प्रतिसाद दिला. या कार्यक्रमाचा गाभा हा मराठी संस्कृतीतील 'मनाचे श्लोक' हा होता.

यानंतरचा टप्पा म्हणजे १५ व १६ डिसेंबर २०१७ ला झालेली स्पर्धांची उपांत्य फेरी. या फेरीत एकूण १२ स्पर्धा घेण्यात आल्या.

या स्पर्धांची तपशीलवार नावे -

- १) जल्लोष (Group Dance)
- २) नृत्याविष्कार (Solo Dance)
- ३) स्वरझंकार (Solo Singing)
- ४) जोडी तुझी माझी (Duet Singing)
- ५) नटसम्राट (Monoacting)
- ६) बहुरूपी (Mimicry)
- ७) हास्यमुख (Stand-up comedy)
- ८) शब्दास्त्र (Elocution)
- ९) शब्दांच्या पलीकडले (Poem recitation)
- १०) रंगावली (Rangoli)
- ११) करावली (Mehendi)
- १२) मनी दिसे, चित्री उमटे (Caption painting)

या सर्व स्पर्धांना विद्यार्थ्यांनी उत्स्फूर्त प्रतिसाद दिला. यात द्वा मजला, अभियांत्रिकी मधील विद्यार्थ्यांचा देखील बहुसंख्येने सहभाग होता.

'अस्मिता'चा पहिला टप्पा म्हणजे '१८ डिसेंबर २०१७' रोजी पार पडलेला पहिला दिवस. सकाळच्या प्रफुल्लित वातावरणात वैभव आणण्याचे कार्य 'मराठमोळ्या दिंडी' मार्फत झाले. ही दिंडी क. जे. सोमैया विज्ञान व वाणिज्य इमारत-अॅथलेटिक ट्रॅक-इंजिनिअरिंग ऑडी या मार्गाने नेण्यात आली.

गणरायाच्या आशीर्वादाने नेण्यात आलेली ही दिंडी इंजिनिअरिंग ऑडीजवळ संपली. त्यानंतर नटराजाचा आशीर्वाद घेऊन आणि रंगभूमीला श्रीफळ अर्पण केल्यानंतर प्राचार्य श्री. विजय जोशी, सांस्कृतिक विभाग समन्वयक सौ. चित्रा त्रेहान तसेच अस्मिता २०१७ प्रमुख व उपप्रमुख यांच्या हस्ते दीपप्रज्वलन करण्यात आले.

यानंतर अंतिम फेरीची व अस्मिताच्या पहिल्या दिवसाची सुरुवात मंत्रमुग्ध करणाऱ्या नटवराच्या नांदीने झाली. तसेच गायन, नृत्य आणि काव्यवाचन याची अंतिम फेरी पार पडली ज्याला प्रेक्षकवर्गाने बहुमोलाचा प्रतिसाद दिला.

अस्मिताचा दुसरा टप्पा १९ डिसेंबर २०१७ ला पार पडला. यात परिवारातील सदस्यांनी मनोरंजनाचा भाग असलेल्या प्रेक्षक वर्गाला हास्यमुख करून बोध देणाऱ्या लघुअंकिका (Skit) सादर केल्या. त्यांचा विषय १) 'जाहिरात' व २) 'गजर ऑलिम्पिकचा' असा होता.

दुसऱ्या भागात, प्रमुख पाहुणे म्हणून आमंत्रित केले गेलेल्या श्री मिलिंद जोशी यांनी 'गाणारी गजल' या कार्यक्रमाद्वारे स्वरचित तसेच काही प्रसिद्ध गझलकारांच्या गझलांचा सुरेल संगम साधला. 'इंटरनेट' संबंधित असलेली त्यांची गझल रसिक मनाचा विशेष ठाव घेऊन गेली. या सुरेख सुरांच्या मैफिलीनंतर अंतिम फेरीतील विजेत्यांचा प्रमुख पाहुणे श्री. मिलिंद जोशी व त्यांच्या संगिनी सौ. मनीषा जोशी यांच्या तर्फे पारितोषिकं देऊन सत्कार करण्यात आला. प्राचार्य श्री. विजय जोशी यांनी विद्यार्थ्यांना स्वानुभव तसेच मोलाच्या विचारांनी मार्गदर्शन केले.

या कार्यक्रमाची सांगता राष्ट्रगीताने झाली. अशाप्रकारे अस्मिता २०१७, मराठी मनाचा मानबिंदू हा सोहळा हर्षोल्लासाने, शिस्तबद्ध रित्या पार पडला.

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D.L.L.E

Dlle Activities

- Sis Srushti Nikam, Sis. Leena Shah , Sis Rutuja Thite, Sis Sayali Shinde won 2nd Prize in Poster competition of Udaan festival at Nyanganga College of Education, Kasarvadavli, Ghodbunder road, organized by Department of Lifelong Learning and Extension on 18 th January , 2018.

- Sis. Suman Mhatre, Sis Akanksha Sharma, Bro Shankarlal Dama, Bro Kartik Mishra participated in Skit competition in the same.of Udaan festival.
- 172 students sucessfully completed D.L.L.E projects in the academic year 2017-18

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Gymkhana Department

The academic year 2017-18 was yet another successful year for Sports in K.J.Somaiya College of Science and Commerce. Students from both junior and senior colleges performed well at the Inter-Collegiate, District and State Levels. Some students went ahead to participate at the national level. The Department of Physical Education also coached students who opted for credits from Sports as a part of the curriculum of the senior. The highlights of great performances by the students are listed below.

Junior College

1. Table Tennis

Date: 01 Sept. To 04 Sept.2018

Venue: Mulund College

- DSO Table Tennis Team Semifinal Match Lost
- Revati Mahajan Indidulas Quarter Final Lost

2. Chess

Date: 12, 13& 14 Sept.2018

Venue: SMPR English School Mulund West

- Aayush Padur Indidulas Division Quarter Final Lost

3. Kick Boxing

Date: 16 & 17 Sept.2017

Venue: Sai Sports Kandivli East

- Omkar Kale Kurla Taluka Level Silver Medal
- Pranali Koyande Kurla Taluka Level Silver Medal

4. Basketball Team

Date: 22 to 26 Sept.2017

Venue: G.K.P.

- Jr. Basketball Team (Boys) DSO Bronze Madel
- Two Players Selected **Anup Thahhar & Hemant Prajapati**

5. Taekwondo

Date: 22 Sept.2017

Venue: BMC School Chembur

- **Jeevan Navadkar** Stood Gold Medal in DSO level.

- **Aakash Sharma** Stood Silver Medal in DSO level

- **Aashin Power** Stood Silver Medal in DSO level.

6. Volleyball

Date: 10th sept. 2017

Venue: Mulund Waje College

Jr. Volleyball Team (Boys) Stood Bronze Medal in DSO level

7. Kabaddi

Date: October 2017

Venue: Chembur

- Jr. Kabaddi Team (Boys) Stood First in DSO level & Division Level Semifinal Lost.

8. Cricket

Date: 6th oct 2017

Venue: Aazad Ground

- At DSO, won 3 match and lost in next round

9. Karate

Date: 24 Sept.2017

Venue:

- Manthan Patel Stood Gold Medal in DSO level.

10. Football

Date: 26 Sept.2017

Venue: Marol Police Training Centre

- **Jr.Football Team** (Boys) District Level Competition Quarter Final Loss

11. Athletics

Date: 25, 26 & 27 Sept.2017, 28 Oct 2017.

Venue: Sai Sports Kandivli

- Ayush Sharma Stood 100 Mits Gold Silver Medal in DSO level& Division Level Braze Madel.

- KJSSC Jr. College **4*100 & 4*400 Relay** Team Gold Medal in DSO level& Division Level Gold Madel.

State Level 4th

➤ Aayush Sharma, Sumeet Tiwari, Rigved Shrivankar & Binish

National Star of K.J.S.C.C.2017-2018

• **Yogita Shingate (S.Y.J.C)** Taekwondo Participated National level competitions (2017-18)

KJSSC Jr. College Kabaddi Team Stood 1st In DSO Level & Division Level 4th (2017-2018)

• **Junior College Football Team** at Reliance Foundation Youth Sports Tournament 2017-2018.

Outdoor Annual Sports Day 2017-18

• 100 Meters Boys Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Aayush Sharma	F.Y.J.C./C	1st
2	BinishSaini	F.Y.J.C./C	2nd
3	SiddheshGolotkar	F.Y.J.C./G	3rd

• 100 Meters Girls Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	AishwariaSawant	F.Y.J.C./J	1st
2	Swati Subramanian	S.Y.J.C./F	2nd
3	Bhavyashree Shetty	F.Y.J.C./I	3rd

• 200 Meters Boys Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Aayush Sharma	F.Y.J.C./C	1st
2	Siddhesh Golotkar	F.Y.J.C./G	3rd
3	Atharva Mahajan	S.Y.J.C./B	3rd

• 200 Meters Girls Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Jyostna Suthar	F.Y.J.C./J	1st
2	AkshayeeMadurkar	F.Y.J.C./I	3rd

• 400 Meters Boys Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Sumit Tiwari	F.Y.J.C./F	1st
2	Aayush Sharma	F.Y.J.C./C	2nd
3	Rahul Pal	S.Y.J.C./K	3rd

400 Meters Girls Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Nupur Kurulkar	F.Y.J.C./A	1st
2	Aishwaria Sawant	F.Y.J.C./J	2nd
3	Jyostna Suthar	F.Y.J.C./J	3rd

• Shot Put Boys Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Ashok Chowdhary	F.Y.J.C./C	1st
2	Raj Makwana	F.Y.J.C./C	2nd
3	Varun Shroff	F.Y.J.C./C	3rd

• Shot Put Girls Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Nupur Kurulkar	F.Y.J.C./A	1st
2	Yogita Shingate	F.Y.J.C./J	2nd
3	Mansi Bhosle	S.Y.J.C./I	3rd

• Long Jump Boys Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Binish Saini	F.Y.J.C./A	1st
2	Bhavya Karani	S.Y.J.C./I	2nd
3	Shanawaz Quresh	S.Y.J.C./J	3rd

• Long Jump Girls Final (Junior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Nupur Kurulkar	F.Y.J.C./A	1st
2	Meera Gada	F.Y.J.C./I	2nd
3	Aishwaria Sawant	F.Y.J.C./J	3rd

• **Open Marathon (800 Mts) Girls Final (Junior College)**

Sr. No.	Name of Students	Class/Div.	Results
1	Divya	FY.Bsc.	1st
2	Isha Raikar	F.Y.J.C./C	2nd
3	Astha Tyagi	SY.Bsc.	3rd

Tug-Of -War (Final Results) Boys/Girls

Sr. No.	Name of Students	Class	Div.
1	Mokesh Mehta	F.Y.J.C.	D
2	Ashutosh Pathak	F.Y.J.C.	E
3	Bhavin Patel	F.Y.J.C.	E
4	Suraj Gupta	F.Y.J.C.	H
5	Namratha Hemmady	F.Y.J.C.	I
6	Maithili Phalke	F.Y.J.C.	C
7	Kashyap Panchal	F.Y.J.C.	E
8	Niyoti Patel	F.Y.J.C.	E
9	Harsh Pawani	F.Y.J.C.	E
10	Yogesh Ram	F.Y.J.C.	F
11	Ekta Thakur	F.Y.J.C.	F
12	Urvi Bheda	F.Y.J.C.	G

400 Meters Teaching Staff

Sr. No.	Name of Students	Departments	Results
1	Ravindrakumar	Gymkhana	1st
2	Sunil Shisode	English	2nd
3	Sachin Achrekar	Unaided Section	3rd

Annual Sports Day

Indoor - 3 to 5 September 2017 (Jr.College)

Game	Participation of students Junior college & senior college
Table tennis	56
Carrom	45
Chess	36

Outdoor - Held on 17th December 2017

Activities	Participation of boys and girl students Junior college & Senior college
Athletics	667
Toss cricket faculty	25

Hosted Tournament:

- Mumbai university inter-collegiate foot ball tournament hosted in September 2017
- T.T., Chess, Carrom, Box Cricket, Tug of War, Volleyball, Running Race, Rink Football, Long Jump- Inter Collegiate SURBHI 17 Festivals 09,11& 12 December 2017
- Box Cricket, Tug of War, Volleyball, Basketball, Rink Football & Running Race- Inter Collegiate PHOENIX 17 Festivals 15, 16, 17 December 2017.
- Somaiya Staff Toss Cricket Tournament 15, 16 & 17 feb.2018. KJSSC won silver medal ,runner up team of 2017-18

Senior College

1. Chess

Date: 26 July to 01 August 2017

Venue: S.I.W.S.N.R. Swamy College of Commerce & Economics Wadala

- Shivani Parab Inter- Collegiate 1st & All India University Selected.

2. Table Tennis

Date: 06 August 2017

Venue: University Sports Pavilion, Marine Lines, Mumbai

Venue: West Zone All India University –Bhopal (M.P) Date: 2 & 3 feb.2018

- **Jagruti Murbadkar** Table Tennis 1st at Inter-Collegiate Level and All India University Competitions 2017-18 (**National Level Gold Medal**)

3. Badminton

Date: 19 to 24 August 2017

Venue: University Sports Pavilion, Marine Lines, Mumbai

- KJSSC Badminton Team Participated in Inter-Collegiate tournaments.

4. Football

Date: 11 to 23 Sept.2017

Venue: University Sports Pavilion, Marine Lines, Mumbai

- KJSSC Football Boys Team 2 Round win & next round loss

5. Basketball

Date: 21, 22, 23 Sept.2017

Venue: University Sports Pavilion, Marine Lines, Mumbai

- KJSSC Basketball Girls Team Quieter Final Loss.
- KJSSC Basketball Boys Team 2 Round win & Next Round Loss.

6. Volleyball

Date: 27 Sept to 3rd Oct.2017

Venue: R. A. Podar College of Comm. & Eco., Matunga

- KJSSC Volleyball Boys Team 1st Round win & next round loss.

7. Kabaddi

Date: 28 Sept 2017

Venue: Acharya Marathe College of Arts, Science & Commerce Chembur

- KJSSC Kabaddi Boys Team 1st Round win & next round loss.

8. Kho-Kho

Date: 4th Oct.2017

Venue: Dr. Ambedkar College of Comm. & Eco. Wadala

- KJSSC Kho-Kho Boys Team 1st Round win & next round loss

9. Cricket

Date: 25, 26 Oct.2017

Venue: Oval Ground

- KJSSC Cricket Boys Team 2st Round win & next round loss
- KJSSC Cricket Boys Team 2st Round win & next round loss

10. Squash

Date: 25, 26 Oct.2017

Venue: University Ground Kalina Campus, Vidyanagari, Santacruz

- **Nensi Patel** Squash 1st at Inter-Collegiate Level and All India University Competitions 2017-18 (National Level Bronze Medal)

11. Athletics

Date: 10, 11 Nov.2017

Venue: University Sports Pavilion, Marine Lines, Mumbai

- KJSSC Athletics Boys & Girls Participated in Inter-Collegiate tournaments

12. Softball

Date: 15th Jan.2018

Venue: University Ground Kalina Campus, Vidyanagari, Santacruz.

13. Taekwondo

Date: 1 & 2 Feb .2018

Venue: University Ground Kalina Campus, Vidyanagari, Santacruz

- **Shivam Pingle Taekwondo Gold Medal** at Inter-Collegiate Level and All India University Competitions 2017-18 (**National Level Bronze Medal**).
- Akshay Poojary **Bronze Medal** at Inter-Collegiate Level

National Star of K.J.S.C.C. 2017-2018

- **Jagruti Murbadkar** Table Tennis 1st at Inter-Collegiate Level and selected for All India University Competitions 2017-18 (National Level) **M.com Part I**

- **Shivam Pingle** Taekwondo 1st at Inter-Collegiate Level and All India University Competitions 2017-18 (National Level **Bronze Medal**).

(F.Y.Bsc)

- **NENSI PATEL** – SQUASH 1st at Inter-Collegiate Level and BRONZE MEDAL All India University Competitions 2017-18 (National Level)

(S.Y B.M.S)

- Shivani Parab Chess Inter- Collegiate **Gold Medal** & All India University Selected (M.sc Part II)

Outdoor Annul Sports Day 2017-18

100 Meters Boys Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Sherlon	FYB.sc.IT	1st
2	Elwin Plachira	FYB.com	2nd
3	Ameya Panwaskar	SYB.sc	3rd

100 Meters Girls Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Yeshwani Shetty	SYB.sc	1st
2	Gautami Deolekar	SYBMS	2nd
3	Kajal Limbani	SYBAF	3rd

200 Meters Boys Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Sherlon	FYB.sc.IT	1st
2	Atharava Mahajan	FYB.sc.IT	2nd
3	Vaibhav	SYB.com	3rd

200 Meters Girls Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Shreemay Modi	TYB.sc	1st
2	Yeshwini Shetty	SYB.sc	2nd
3	Hardika Choudhary	FYB.sc	3rd

400 Meters Boys Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Shreyas Mane	FYB.com	1st
2	Atharva Mahajan	FYB.sc	2nd
3	Mohd.Zahid	SYB.com	3rd

400 Meters Girls Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Shreemay Modi	TYB.sc	1st
2	Kasturi Saple	SYB.com	2nd
3	Ruchuta Phatak	FYBAF	3rd

Shot Put Boys Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Hilor Rawat	TYBMS	1st
2	Yash Mehta	FYBAF	2nd
3	Chandan G	SYB.Com	3rd

Shot Put Girls Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Ananya Dhar	FYB.SC	1st
2	Nensi Patel	SYBMS	2nd
3	Gartami	SYBMS	3rd

Long Jump Boys Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Yash Surve	FYB.sc	1st
2	Darsh Panchal	SYB.com	2nd
3	Vinayak Rai	TYB.sc IT	3rd

Long Jump Girls Final (Senior College)

Sr. No.	Name of Students	Class/Div.	Results
1	Kajal Limbani	FYBAF	1st
2	Ananya Dhar	FYB.sc	2nd
3	Trupti Bendake	FYBAF	3rd

400 Meters Non-Teaching Staff

Sr. No.	Name of Students	Class/Div.	Results
1	Mukesh Masurkar	Electronic	1st
2	Rizwan Patel	Gymkhana	2nd
3	Avinash Narkar	Physics	3rd

400 Meters Teaching Staff

Sr. No.	Name of Students	Departments	Results
1	Ravindrakumar Walmiki	Gymkhana	1st
2	Sunil Shisode	English	2nd
3	Sachin Archarekar	Unaided Section	3rd

Annual Sports Day

Indoor - 15 to 17 October 2017 (Sr.College)

Game	Participation of students Junior college & senior college
Table tennis	52
Carrom	41
Chess	38

Outdoor - Held on 17th December 2017

Activities	Participation of boys and girl students Junior college & Senior college
Athletics	789
Toss faculty	32

Hosted Tournament:

- Mumbai University Inter-Collegiate Foot Ball Tournament 21,22,23,November2016 –Boys & Girls
- T.T., Chess, Carrom, Box Cricket, Tug of War, Volleyball, Running Race, Rink Football, Long Jump Inter Collegiate **SURBHI 17** Festivals 09,11& 12 December 2017
- Box Cricket, Tug of War, Volleyball, Basketball, Rink Football & Running Race Inter Collegiate **PHOENIX 17** Festivals 15, 16, 17 December 2017.
- Somaiya Staff Toss Cricket Tournament 15, 16 & 17 feb.2018.KJSSC stood with Silver Medal, runner up team of 2017-18

Ravindra Kumar
Gymkhana dept.

Honours Programme Report

Honours programme provides interdisciplinary and experiential exposure to academically outstanding students alongwith their regular under graduate programme. Students who are admitted into the 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 distributed as following - 4 interdisciplinary courses (one in each semesters at FY and SY), 2 core independent research (5th and 6th Semester) and 4 Experiential learning (during vacations).
- Orientation Session was conducted for interested students on 28th July 2017.

- 42 eligible applicants appeared for Online Aptitude Test conducted on 14th August 2017. The result was selection of nineteen students (seventeen from Science and two from Commerce faculty).
- Honours students have made their presence on Facebook with title 'SomSaksham'
- **Experiential Learning**

Awareness drive

Students have conducted an awareness drive on Digitization of India and Drugs abuse. They have effectively made digital presence on social media to spread the benefits of digitization, digital security. Posters emphasizing on ill effects of drug abuse were also prepared to educate people.

Ecofriendly Initiatives during Ganapati Festival

Students gathered 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 of Green ways of celebration including eco-friendly materials to be used in making of idols, decorations. They also communicated to masses the issue of various levels of pollution and possible measures to control it. All the groups presented their report of this awareness drive.

Subject related activities

Few students got associated with Darwin - Bioriddl for project like microbial mapping. This project was an endeavour to identify the microscopic life around us at Somaiya Campus and name those places after the bacterial genus. These students became head executives of Darwin and Makermela initiatives at Riidl. One student also completed a short term course on advanced bioinformatics.

The second year honours students presented their activities before the first year aspiring honours students, during the orientation session.

• Interdisciplinary courses

1. Business plan development by Dr. Abhishek Mane
2. Basic techniques in microbiology by Mr. Shabib Khan
3. Digital presentation - A skill and art by Ms. Anushree Sukhi

➤ Student achievements

Bro. Shubham Biswal has been selected to participate in the U.S. government funded exchange program titled 'FY 2018 Study of the U.S. Institute for Student Leaders on Global Environmental Issues' that will be hosted by the University of Montana, in Missoula, Montana, USA in July and August 2018.

He has completed a mini research project titled 'Synthesis of organic compound using ferrocenes' under guidance of Mr. Saurabh Shete. He had actively organized waste segregation initiative in his locality. He has been an active participant in blood donation drive and departmental festivals.

Sis. Shruti Joshi conducted a video presentation on Oceanography and Marine Biology held during October 18 - 20, 2017 in Seoul, South Korea.

The committee members are

- Dr. Sugandha Shetye- Dean
Dr. Veena Khilnani-Convenor
Ms. Reema Khanna
Dr. Chetan Jivani
Mr. Shabib Khan
Mr. Saurabh Shete
Ms. Anushree Sukhi
Dr. Abhishek Chaya Mane
Ms. Shilpa Sawant
Dr. Seema Samrani

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IQAC

Report of 'Three Days Workshop on Flip Class Pedagogy'

IQAC conducted a three day workshop on **Flip Class Pedagogy** on 8th, 9th and 10th June 2017. This workshop was organised in the seminar hall and IT lab and was attended by 30 teachers of science and commerce faculty.

The resource person for the workshop was Dr. Vasudha Kamat, Former Vice Chancellor SNDT

Women's University accompanied by Dr. Jayashree Shinde, Head, Department of Educational Technology, SNDT Women's University and their students Ms. Manali Joshi and Ms. Ekta Shinde.

On Day 1 of the workshop, discussion on Flipped learning concept was done using 'fish-bowl co-operative learning strategy' followed by understanding revised Bloom's Taxonomy through 'Jigsaw co-operative learning strategy'. Participants got hands on experience of using Padlet for sharing the points

of discussion. Importance of in-class and out-class activities was also discussed.

On Day 2 use of Moodle was demonstrated, followed by a practical session in which all the participants used Moodle to create the activities under the demo version. Moodle activities created by the participants included assignments, activity poll, discussion forum and quiz. Use of the software named Active presenter to capture the active site was also practised, which can be used as one of the tools in screen cast video as a resource.

Day 3 began with sharing experiences of taking up the online quiz sent to students as out class activity. An active poll was created and all the participants replied to the poll using polls everywhere in the seminar hall itself. Learning Management Systems and other tools like blendspace, mindmeister, blog were also discussed with the participants. All the participants received the links for Open Educational Resources, which they all explored to find the relevant resources of their own subjects. Use of RUBRICS for evaluation and creation of e-portfolio using Wix was demonstrated and practised by participants.

During this three day workshop use of ICT for teaching learning process was demonstrated and all the participants got hands on experience of using it. The concept of Zero lecture teaching was well introduced to all the participants.

Report on Faculty Training Program on 'Self Development In the context of Spirituality-A Practical Approach'

The IQAC organised a five session Faculty Training Program on '**Self Development In the context of Spirituality-A Practical Approach**' from **30th January 2018 to 3rd February 2018** from 1.30 to 4.00 pm. 25 teaching faculty members participated in this training program. Value education is rooted in Indian Philosophy and culture and ingrained in every tradition of Indian culture. In the current scenario of the declining value system, educational Institutes can play important role in re-instilling the common values amongst students to orient the progress and endorse the moral awareness for welfare of mankind. With this objective it was envisaged to train the faculty who will serve as the connecting link to achieve this goal.

The first session on "**Time Management**" was conducted by Dr. Lalitha Dhareshwar, a Preceptor and a certified Spiritual trainer, of Heartfulness Institute for the last 25 years. She has retired as Head, Laser and Neutron Physics Division of BARC in 2010. She is the Vice-President of Indian Women Scientists' Association. To begin the session, Dr. Shubhada Nayak, Vice-Principal, KBP College, Vashi gave a brief gist of the program and explained the implementation of it in their college. Then the participants practiced relaxation for a period of 3-5 mins. The speaker explained Time management as the process of defining the path from today to tomorrow. She effectively drove home the perspective that time management is managing change, time management is managing stress and thus time management is essentially Life management. The session ended with Heartfulness meditation for 15 mins.

The second session on "**Meditation**" was conducted by Mrs. Meghana Pradhan. She is a Cost Accountant and an All India Rank Holder Chartered Accountant by Profession. She has worked with Mahindra Group and American Express Bank in various positions. For the past 3 years, she has chosen to work as Heartfulness trainer. The session began with an activity where the participants were requested to write down their expectations from meditation session and share with everybody. She helped all the participants conclude that for everybody the lowest common denominator is a Fulfilling life. She emphasized that it is better to fix a place, time and a comfortable position for meditation and practice regularly and that is the key to regulated life. At the end the participants practiced meditation for about 25 mins.

The third session was conducted by Dr. Pramod Sadarjoshi, Senior Director, HCM strategy and Transformation, Asia-Pacific, Oracle Corporation and Certified Marshall goldsmith Stakeholder-Centered Coach. The session was on "**Choices we make**". He remarked that there are three demons within all of us- fear of failure, Doubt and Worry. He emphasized a 360 degree assessment of oneself. He very well convinced the participants that the physical Quotient is a function of the sum of IQ and EQ multiplied by SQ. Hence we need to increase our SQ. There was a session of meditation at the end.

The fourth session was titled “Values”. The speaker was Mr. Shashikant Nayak. He is presently working as Director (Technical) with Heavy Water Board, Department of Atomic Energy. He is practicing Heartfulness meditation for the past 10 years. The session began with relaxation. He then defined Values in different perspectives. emphasized the point that a Value is what you will never compromise with, a trait that you value the most. Through several exercises he helped the participants think about the values they possess and identify them. At the end the participants practiced meditation for about 25 mins.

The last session of the series was on “Reenergising Self”. It was conducted by Dr. Shehal Deshpande, Director, SNEH...Rehabilitation, Education and Research Centre for children. Along with her massive contribution in improving the quality of life of the differently abled she is also an active Heartfulness trainer. She emphasizes that it is not stress that kills us but its our reaction to it. She drew the audience together with a fun filled activity. She pointed out that each one of us is an Icon for somebody. We should preserve ourselves with Exercise, meditation, and cleansing ourselves everyday. She made us Practice Cleaning through guided instructions.

Research methodology workshop report

A workshop on research methodology, titled “Nuts and bolts of Research methodology” was organised by the IQAC team of K. J. Somaiya College of Science and Commerce on the 31st of January 2018. The workshop was conducted by Ms.

Shanti Pise, Senior Teaching Associate, IISER, Pune, Ms.Hemangi Kotibhaskar, Consultant, IISER, Pune and Dr. Roshan D’ Souza, Head and Associate Professor in Zoology, Sophia College for Women, Mumbai. It was attended by 98 participants and 33 from the college. The colleges represented were Ruia college, SIES college, KBP college, MGM Medical College and others.

The Workshop began with understanding the meaning of research in an interactive way of learning. After this introductory session they moved on to the main them of the workshop. During this session they performed certain interesting activities to help understand research methodology, before which they were explained the characteristics of a good research and asked to write down the understanding of those characteristics. All the participants were divided into groups of ten and an activity was performed which taught the skill of observing an object with a scientific perspective.

Each group was then asked to come-up with a research topic and make posters following the guidelines given by the resource persons. The next activity consisted of making paper planes and each group had to explain why their plane was the best providing relative evidences. This activity aimed at encouraging discussions based on scientific evidences. The workshop ended with discussion about the posters and briefing about IISER Pune. The participants displayed their posters which were critically analysed by the resource persons and the participants were guided.

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NCC

The following activities were conducted in the year 2017-2018:

- Blood donation and organ donation was conducted on 13th December 2017 at K.J.Somaiya College of Science and Commerce NCC unit. Sub.Major Ravindra Ladkat sir donated 1 bottle blood. 5 cadets donated blood 1 bottle each. 50 cadets registered for organ donation.

- National integration camp was conducted to create awareness about the culture of the country. This camp provided an opportunity for cadets to interact with cadets of different states, work with them and gain experience from each other which enables them to identify the culture, traditions. The NIC camp was held from 23rd December to 3rd January 2018 at Barnes School, Nashik. There were 3 cadets from our college for the NIC camp. Various activities such as

games, dance competitions, singing competitions, etc. were conducted. Lectures were conducted on NGO's and personality development. Special activities were conducted for cadets. In the camp cadets visited Trimbakeshwar Shiva temple, Hindustan Aeronautics limited and artillery museum.

- Advance leadership camps is a camp which is conducted every year, with a total of 1350 cadets attend to focus on personality development, leadership skills and orientation for induction into the armed forces. For our 1 Mah Bn (group Mumbai-B) 9 vacancies were allotted. After interview and writing test, the cadets were selected to represent the group. There were 3 girls and 2 boys from army wing, 2 boys from naval wing and 2 girls from air wing. There were 7 groups in Maharashtra Directorate from which 35 girls and 34 boys were selected to represent Maharashtra at all India level.
- In Thal Sainik Camp (TSC) 7 of our cadets of sub unit K.J.Somaiya college of Science and Commerce represented Mumbai B group for state TSC selection, Maharashtra.

Suo Madhuri Jagtap, Sargent Afreen Sayed, Sargent Reshma Shinde, cpl Alisha Sayed, lcpl Pallavi Kadam, cdt Neha Tomar, cdt Sapna Jaiswal. The nominees for different subjects were selected by 1Mah girls Bn NCC to represent Mumbai B group were from our unit K.J Somaiya College of Science and Commerce. They are as follows-

Health and hygiene –Reshma Shinde

Judging distance- Alisha Sayed

Field signals- Pallavi Kadam

Map reading- Madhuri Jagtap

All cadets of our college completed intergroup competition igc- TSC held at Kolhapur. For this course there were certain camps held at Ambernath and Goregaon in which our cadet Reshma Shinde bagged a gold medal in health and hygiene, Suo Madhuri Jagtap bagged gold and silver medals in map reading, Pallavi Kadam bagged a silver medal in field signals and Pallavi Kadam and Alisha Sayed bagged medals at master of ceremony in Ambernath. Madhuri Jagtap was rewarded for master of ceremony at Kolhapur. In IGC selection for national TSC camp Suo Madhuri Jagtap was selected to successfully completing TSCI and TSCII camp at Kolhapur.

- We got a great opportunity to visit INS Tarkash on 3rd October 2017. 15 cadets with 1 CTO and 1PI staff went for sea sailing. It was the best experience to understand the life of navy officers and crew members. The ship was at Tiger gate near Ballard estate, Fort. Navy officers warmly welcomed al. Life jackets were provided. After entering INS Tarkash there was an interior visit of the ship. Lot of information was given about INS Tarkash. It was among the ships which participated in operation Rahat. It's weapon package includes surface to surface missiles, surface to air missiles, advanced torpedo launchers, anti missile defence system and 100 mm gun. It is also equipped with 8 vertically launched brahmos missile system as the primary strike weapon. After this launch was also provided in mean time we were shown many demonstration such as how to rescue, tackle other ships and how to enter other ships and attack . The crew then left INS Tarkash with memories and more respect for navy force. It was one of the best experience one can have in life.

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NSS

ISR Highlights 2017-18

The college NSS unit is affiliated to University of Mumbai and comprises the enrolment strength of 200 volunteers in a year, out of which 97 are male and 103 female volunteers.

In the year 2017-18, following were the Thrust

Areas floated among students for addressing different social issues. Oriented to these themes, **185 programmes of 7340 human hours were conducted.**

- Swachha Bharat Abhiyan – Cleanliness
- Complete health

- Substance abuse
- Diabetes awareness
- Food & nutrition awareness
- National integration
- Railway passenger safety
- Road safety - Road traffic guide
- Voter's Awareness & appeal
- Woman empowerment
- Disaster management
- Menstruation Awareness
- Share and Care
- Virtual addiction - Blue Whale Awareness
- Crowd control during Ganapati festival and assistance to police
- Exhibition and Explanations of posters in railway police colony Ghatkopar during Ganapati festival
- Street plays in association with Mumbai Police on topics like substance abuse, virtual addiction and road safety
- Milk adulteration drive in which samples checked and reports provided.
- Blood donation camp & stem cell registration, Thalessemia detection
- Road safety counseling and awareness in Ghatkopar
- Awareness drive at Shivaji park on 6th December
- Lab safety demonstrations in college laboratories
- Rakshabandhan to 750 railway police on Churchgate to Borivali, CSMT to Kalyan and CSMT to Vashi stations and 25 security staff of the campus
- Railway passenger safety drive on Dadar, Kurla, Ghatkopar, Thane and Kalyan station
- Teaching street children at Bhandup east
- Drive for voters cards in college for one and quarter month benefitting 450 students
- Voters rally in Ghatkopar on 25th Jan with 8 street plays
- Cleanliness drives in railway Police Colony, Ghatkopar
- Summer training for Ramabai colony children for academic as well as skill building.

A flagship Programme Navrang was regained.

The series comprised themes like

- women a multifaceted personality
- yoga session
- Interpersonal relations and spouse management.
- temperament management for housewives
- legislative support for womanhood
- managing domestic waste
- financial management for housewives
- nutrition diet from daily domestic foods
- admix of house wives and college students
- competitions for children

Beside there were 16 street plays, 5 evacuation programmes, 5 fire drills, 90 pimpal and banyan sapling plantation, 450 voters I card generation

Activities conducted

- teaching to school students for 1st to 8th standard
- science practicals for 6th to 8th standard
- group discussion on budding spouse, cashing demographic dividend, should I contribute to population growth, will I be healthy and why to follow tertiary education.
- weight and height checking of school students
- Awareness on topics such as substance abuse, menstruation, menstruation, virtual addiction, snakebite, diabetes, tobacco etc
- visit to all eight padas for menstruation awareness by girl volunteers.
- session and demonstration on superstition in school and NSS volunteers
- nail cutting of students and treatment of scabies
- conducted skill building games for school students
- multimedia shown on menstruation
- session on art of decision making, healthy lifestyle
- exhibition on topics in school
- DM training and fire drill for school students
- collection of plastic garbage and elimination at Mumbaipada
- skill training for housewives
- rope climbing for NSS volunteers
- exhibition of different topics at Nareshwadi

- rapling for nareshwadi students and NSS volunteers
- ICT preparations for school prose and poetry reciting
- garbage collection and elimination in residential area
- visit & observations of agricultural renovations in Nareshwadi

- fire drill and evacuation for school students in Chinchale pada Ashramshala
- conducted competition like story telling, poem reciting etc
- Sharing materials like stitched notebooks clothes and stationary material with school children.
- The camp was visited by Dr. Atul Salunke SLO Maharashtra state and Prof Bidve, NSS coordinator, University of Mumbai.

Research Monitoring Committee

The first activity of the Research monitoring committee began by the talk by Dr. Chetna Roat, Kothari Fellow, Government of India, from Department of Microbiology, Gujarat university, on *Funding Agencies at various levels for scientific Research and how to apply for various grants and write proposals*. The event was organized in the seminar hall on 22 July 2018.

On 28th February 2018, **National Science Day** was celebrated. Theme of the year 2018 is "Science and Technology for a sustainable future.". Under the lecture series by stalwarts Prof. A V R Reddy, former Division Head, Analytical chemistry, BARC gave a lecture on topic related to Analytical Chemistry . A poster competition was organized for the UG and PG students of our college. A total of around 100

posters were registered. Certificates were given to the winners.

The same day Research Scholars meet was organized at the Riidl conference hall, where in the PHd students of Somaiya college of Science and Commerce presented their work.

Apart from this several other continuous activities were carried out. A list of various UGC approved scientific journals, around 300, with impact factors were circulated amongst the faculty members. The committee members Visited every department to help the faculties use Google Classrooms.

Convener: Dr. Samidha Pawaskar
Co convener: Dr. Seema Sambrani

Women Development Cell

Following is the composition of women development cell :

1. Dr. Hemangi Bhagwat (Convenor)
2. Dr. Meena Patankar
3. Dr. Heena Shah
4. Dr. Archana Padgaonkar
5. Mrs. Sameera Samant

To sensitize the students about sexual harassment and gender issue, a workshop on the gender sensitization was organized on 2nd August 2017. The resource person was Shruti Chakravarty, a counsellor and faculty at TISS. In all, 110 students

and 10 faculty members attended the programme.

A workshop on 'Premarital Counselling' was organized on 9th March 2018 to commemorate

International Women's Day. The resource persons comprised Ms. Seema Deshpande, President, Bharatiya Stree Shakti, Dr. Sadhana Bhatkhande, Counsellor, KEM Hospital, Dr. Pradnya Kapse, Podar Ayurvedic College and Adv. Pratima Shelar. In all, 60 students and 10 faculty members attended the workshop. Students gave a very good feedback about the workshop which focussed on various aspects of marital relationship- psychological, medical and legal.

Junior College Activities

Staff Achievements

- Mrs. Savita Godbole – Teacher in Physics attended 16th V. G. Kulkarni Memorial lecture at Homi Bhabha Education, TIFR
- Ms. Kavita Bhagtani and Mrs. Jyoti Sawant were invited as Judge in their subjects for the Science Exhibition organized by North Zone Education Inspector at Ideal high school and Jr. College Trombay.
- Dr. Laxman Landge was also invited as Judge in Biology subject by South Zone Education Inspector during Science Exhibition at Dr. Antonio Technicai Jr. College Dadar.
- Mrs. Savita Godbole and Ms. Kavita Bhagtani have successfully completed Inservice Training Programme organized by Dy. Director of Education
- Ms. Priti Sarkar, appeared for First year Master Degree in the subject of Psychology from IGNOU, Mumbai.

Students Achievements

- The following students were awarded for securing ranks in the Essay Writing Competition on the topic “Gandhi Vichar Pariksha” organized in the Somaiya Vidyavihar Campus.
 1. Sis. Jain Zeal (Gujarati) 1st Prize
 2. Bro. Ganatra Yash (Gujarati) 2nd Prize
 3. Bro. Mishra Kiran (Gujarati) 3rd Prize
 4. Sis. Laxmi Gupta (Hindi) 2nd prize

Induction Programme

- The Induction programme for the new students of FYJC was conducted on 5th August, 2017 in Smt. Sakarbai Somaiya auditorium. Our Chief Guest for the function was Provost Dr. Rajan Welukar. The students were briefed about the various activities, committees, rules and discipline to be followed in the college.

Teaching and Learning

Innovative Class Room Teaching

- The Junior College teaching staff conducted

innovative class room teaching from August, 2017 to November, 2017. There was a good response from students and it was well observed by Vice-Principal and Supervisor.

Linguistic Literary Association

- All language departments conducted elocution competitions in Hindi, Marathi, Gujarati and Sanskrit on 25th September, 2017. Students from the departments of all the languages; English, Hindi, Marathi, Gujarati and Sanskrit participated with full enthusiasm.

Eklavya Batch

- 26 students are enrolled in this batch, who are not attending any extra coaching classes due to their financial issues. The batch started from 1st July, 2017. The teachers in the relevant subjects taught them regularly, clearing their doubts. The class was conducted every day from 11:30 am to 12.05 p m, Monday to Saturday.

Inter-collegiate competition

- Sis. Sayali Sameer Dongre – F.Y.J.C. participated in World Folk Performance festival HOCHIMINH-GYEONGIU WORLD CULTURE EXPO -2017 held in Vietnam. The event was organized by UNESCO from 18th to 25th November, 2017. She was awarded with a Silver Medal.
- Bro. Aman Singh and Bro. Yash Rathod both from SYJC (Science) have participated in the General Knowledge “Chakraview -17” Quiz Competition held on 23rd August, 2017 at Chetna Institute of Commerce and Economics, Bandra. They were ranked 3rd among 1400 students.
- The following students have secured third prize in the General Knowledge Quiz Competition held at Chandrabhan Sharma College of Arts, Science and Commerce, Powai on 24-11-2017.
 - Bro. Krishna Agrawal (FYJC)
 - Sis. Khan Suraiya (FYJC)

Olympiad Examination

- This year we received total 86 entries for the subjects – Physics-24, Chemistry-26, Biology-28 and Astronomy-01 for Olympiad Examination conducted on 26th Nov 2017.
- The Olympiad Entrance Test in Geology called IESO(International Earth Science Olympiad) conducted by GSI(Geological Society of India) headed by Ministry of Earth Science was held on 21st January 2018. Ours is one of two centres at Mumbai level.

In all, 42 students including six in house students and students from various areas of Mumbai.

PTA Meeting

- The PTA meeting for FYJC for the academic year 2017-18 was held on 16th September, 2017
- More than 400 parents attended the session which was addressed by Vice principal, Supervisor and the senior teachers.
- The parents were informed about the increase in fee structure of Vocational Science Courses. They were also informed about change in the pattern of question papers.
- The PTA meeting for SYJC was held on 12th August, 2017. More than 300 parents attended the session .
- The parents were greeted and advised to be in regular communication with the institution \regarding attendance, defaulter list, examination etc.
- Vice Principal also discussed with parents about NEET, Mock- NEET, CET, CPT examination.

Teacher's Day Celebration & Workshop and Seminar

Teacher's Day Celebration

- The Teachers' Day was celebrated on 4th September, 2017. Mr.Virendra Dwivedi was felicitated for rendering long service in the institution during the year 2016-2017.
- Mr.Ravindra Walmiki, Sports Teacher was awarded "Excellence in Teaching".
- Ms.Chaitra Shetty, Teacher in Physics was awarded "Promising Teacher"

Workshop and Seminar

- The Committee arranged a interactive session on developing 'Ecological Consciousness' on 24th November, 2017. The session was conducted by Dr.Sugandha Shetye Madam.The Talk was about the Biodiversity for the Science and Commerce stream students which also created awareness about career in environmental sciences.

Stalwart's Lectures

The following Ex-Teachers / Experts in different subjects were invited to address the students of S.Y.JC. regarding doubts in different subjects, presentation of answers and evaluation of the different types of questions.

- Mrs.Lovey Pariyaram – (KJSSC) Economics
- Mr.Arjun Gaikwad – (KJSSC)Book Keeping
- Mr.R.N.Awatramani – (KJSSC)Chemistry
- Mrs.Shyamala Kulkarni (R.J.College) – Biology
- Mrs.Ivy Joseph (Vidyabhavan) – Biology
- Mr.Sachdev Mulchand (CHM College) – Mathematics
- Mr.Vinayak Katdare (Ruparel College) Physics

Visit To Samirwadi

- The following Junior College Teaching staff had visited the Samirwadi and imparted guidance to the students on CET/NEET Examintions :
- Mr.Ramashankar Yadav and Dr.Laxman Landge – visited on 26th April, 2017 and guided students on CET and NEET entrance test respectively.
- Ms.Chaitra Shetty and Ms.Varsha Yadav both teachers in Physics and Chemistry respectively have visited on 28th and 29th April, 2017 and guided the students on CET entrance test in their respective subjects.

Promotional Sale of products

- There was a promotional sale of products of Enactus Somaiya Social Cell under Project UTSAAH. The aim of the project was to promote the Aprons made by underprivileged

community based at Nareshwadi. Our students purchased 800 aprons from them to do Chemistry practicals. They were happy to buy the same at prices Rs:200/- per piece which was much lower than the market prices

Training Programme for Teachers

- Two teachers were invited as Resource Person for new examination pattern in English subject in Sept 2017:
 1. Mrs. Renu Bakshi – in Gyan Sadhana College (Thane)
 2. Mr. Tushar Bagwe – in VIVA college(Virar)
- Four of our following teachers have attended Training Programme for Junior College Teachers to update new Paper and evaluation pattern, organized by HSC Board from 9th August to 12th August, 2017 in Khalsa College:
 1. Mr. Ravindra Waykole - Physics
 2. Mr. Hansraj Sonawane - Chemistry
 3. Dr. DevendraJadhav - Biology
 4. Mr. Ravindra Patil - Mathematics
- The HSC Board, New Mumbai, had organized a NEET / CET training programme for Junior College Teachers from 25th November to 29 November, 2017 at Khalsa College. The following teachers have participated in the said training programme.

1. Mr. Ravindra Waykole- Physics
2. Mrs. Kranti Parab - Chemistry
3. Ms. Priti Sarkar -Biology
4. Mr. Ravindra Patil - Mathematics

Nature Club

Nature Club Activity

- A day trek was organized on 13th October, 2017 at Lohgad Fort (near Lonawala). Total 140 students and 16 teachers joined the day trek.

Tarang

- On 21st Dec 2017 Annual day was celebrated in Shrimati Sakarben Somaiya auditorium.
- Tarang activities began on 15th Dec 2017 and concluded on 20th Dec 2017.
- Activities included competitions in various events like painting, mehndi, nail art, photography, best out of waste, quiz, personality contest, treasure hunt, Rangoli, cooking without fire, dance and singing.

Saptak

- A mesmerizing classical vocal program was presented by the Senior and junior grade students of our college on 12th December, 2017. They introduced to the audience the sounds of mountains and valleys through Raag Bhupali and Shivranjani consisting of classical, semi classical and soulful Sufi songs.

HSC Results 2017

Stream	No. of students appeared	No. of students Passed	Overall percentage	No. of students passed with 90% & above	No. of students passed with distinction	No. of students Passed in First Class
Science	883	872	98.75%	13	236	391
Commerce	368	368	100%	04	218	133
MCVC	27	26	96.3%	Nil	12	11



Special Events



National Conference on Curriculum Design

The IQAC, K. J. Somaiya College of Science and Commerce organized a NAAC sponsored National Conference on 12th and 13th January 2018 on 'Curriculum Design and Evaluation'. The Inaugural session of the same was held at Kalidas Sabhagriha, K.J. Somaiya College of Arts and Commerce, Vidyavihar. The Programme was presided over by Shri V.R. Rangnathanji, Hon. Secretary, Somaiya Vidyavihar and the chief guest was Prof. Shyamdas Menon, the founding Vice-Chancellor of the Ambedkar University Delhi. For the past almost a decade, Prof. Shyamdas Menon has been leading a team in building the Ambedkar University, Delhi of the social sciences and humanities from its very inception. He is at present on the International advisory board of Comparative Education. Prof. Shyamdas Menon in his address advised the teachers to zoom out to see the location of what is done during the teaching process in the larger perspective of the Curriculum. He commented that teaching is facilitation of learning and it is a multilateral process. Shri V. R. Rangnathanji in his presidential address enlightened the audience about the need for the holistic development of the student. Prof. Smriti Swarup ; former Director, Center of Special. Education, SNDTWU, the chairperson of the first plenary session "Curriculum Design". Her topic was ,"Curriculum Design for Inclusive Education".

Dr. Jayashree Shinde, Dept. of Educational Technology, SNDT Womens' University was the resource person for the first workshop on Learning Objectives and its importance in Curriculum Design. The workshop began with emphasizing the importance of learning objectives being a critical component of instruction the learning objectives provide course developers guidance on selecting suitable instructional materials, teaching methods, including learning activities and use of technology and assessment methods.

Dr. Veena Deshmukh, SNDT University was the resource person for the second workshop titled "Curriculum Design & Assessment Strategies"

Dr. Veena Deshmukh conducted a workshop on "Curriculum Design & Assessment Strategies". The portfolios made under guidance of Dr Lolly Jain

were shown to the participants. The participants were then divided into four groups. Different tasks were allotted to each group.

The resource person for the third workshop Prof. Madhura Kesarkar, former director, BCUD, SNDTWU She began by saying that the foundations of a developmentally appropriate curriculum were the needs and interests of each individual child. Prof. Kesarkar explained these curriculums are filled with numerous activities to choose from on a daily basis, giving the classroom teacher the opportunity to incorporate a balance of teacher-directed and child-initiated activities which allows for planned learning experiences as well as those guided by the children's interests and abilities.

The Chairperson for the second Plenary Session was Prof. Dr. Rajan Welukar and the two Panelists were Prof. Dr.P.Nagabhushan and Dr. Vijay Joshi. The Plenary Session began with a brief introductory talk by Prof. Dr. Rajan Welukar where Sir highlighted the concept of Choice Based Credit System (CBCS) and its relevance in the current educational scenario. Then Prof. Dr. P. Nagabhushan delivered his talk on the topic "Welcome to a new Learning Environment", where he discussed the importance of Assessment and highlighted on the concept of a Credit, followed by a discussion on Credit based teaching learning mechanism. Dr. Reeta Sonawat conducted a workshop on "Providing choices in the curriculum".

The workshop provided hands-on training to the participants on following ICT tools. Participants created their subject related content using these tools. Padlet, Google Drive, Google classroom, Moodle, Rubistar.

The last workshop was on Designing Curriculum for Online Education and the resource persons were Dr. Mohammad Mamur Ali, CIET, NCERT and Ms. Surbhi, CIET, NCERT. Dr. Ali explained the role CIET plays in developing ICT in Education for the school system. Hands on experiences were given by demo.

The valedictory function of the national conference on "Curriculum Design and Evaluation" was held on 13th January 2018 at 4.00 pm. Dr. V.N. Magare, Pro Vice chancellor of SNDTWU and

incharge Pro Vice chancellor of Mumbai University was the chief guest and Dr. V.N. Rajasakheran Pillai was the president of the function.

Dr. Magare addressed the gathering. He expressed his views on need of extensive curriculum

development. He also explained that syllabus and curriculum should not be taken as synonyms. He said that this conference will serve as a force to move the participants in the direction of effective framing of curriculum.

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National Conference on GST

The Department of Commerce and Department of Economics organized a National Conference on “GST & INDIRECT TAX REFORM, IMPACT ON ECONOMY” on the 29th and 30th of November 2017. The registration begin at 8.30 am followed by inauguration session at 9 am. The Keynote address was given by CA Sunil Gabhawalla. Various speakers were invited to deliver talks on various aspects pertaining to GST. CA Vivek Desai delivered a talk on “Need for GST”. CA Kirti Oswal enlightened the session with his talk on “implementation of GST an overview”. CA Hemang Shah addressed the session “GST and Supply chain in management”. CA

M.D.Deshpande highlighted on mechanism of GST.

Day two begin with a talk by CA Ravikumar Yennamadra on GST and Trade. CA Shailesh Haribhakti delivered a speech on Technology enablement and progress of GST. Mrs. Varsha Kolatkar spoke on Scope of GST. CA Vishnu Kanhere enlightened on “Impact of GST on education”.

The above talks by invited speakers was followed by Paper presentations and Valedictory. function. There were 40 participants in all for the same.

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A One Day National Conference on World Wetland Day

On the eve of world wetland day celebrated on 2nd of February, a one day National level conference was organized by the Department of Environmental science in collaboration with an NGO, **Paryawaran Dakshata Mandal** on 3rd of February 2018. The inauguration function was chaired by Dr. Eknath Mule, President of Indian Association of Wetland Research. This session was followed by Kodarkar Memorial Lecture, chaired by Dr. Eknath Mule. He delivered a talk on classification of wetlands, their importance and then major threats to wetlands. He further appended his lecture with a note on key concepts of wetland conservation and governance. Following are the details of event

Dr. Nilima Kulkarni spoke on Wetland Dynamics and highlighted on, Wetland Services to humans, Wetland Dynamic nature for nutrient recycling and pollution prevention and Wetland Biological dynamics

Mr. Stalin Dayanand spoke on Conservation of Urban Wetlands which includes, Current status of Wetlands in India and major threats, Loop holes in governance system and their impact and Need for attitude change in society and majorly decision makers

These sessions were followed by a poster presentation competition and paper presentation

The prize winner for Research Paper Presentation were

1st Prize : Quantifying success of awareness through Flamingo festival, BNHS, Mumbai, Priyadarshini Supekar

2nd Prize : Use of GIS techniques for mapping of Mangrove cover to find efficiency of CRZ management Rule amendment efficiency, along thane creek, Department of Environmental Science K. J. Somaiya college of Science and Commerce, Ms. Pratiksha Chalake

In Poster Presentation the prize winners were

1st Prize : Isolation and characterization, Department of Microbiology, K. J. Somaiya college of Science and Commerce, Ms. Kashmira Sawant

2nd Prize : Plant Diversity, Mrs. Uma Kalamkar

Poster presentation was then followed by valedictory function where prizes were given to all the winners. Event concluded at 5:30 in the evening.

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4th Degree Distribution Ceremony



Student's Achievements



Bro. Shubham Biswal has been selected to participate in the U.S. government funded exchange program titled 'FY 2018 Study of the U.S. Institute for Student Leaders on Global Environmental Issues' that will be hosted by the University of Montana, in Missoula, Montana, USA in July and August 2018.

Cultural activities

Cultural group students Bro. Shubham Sawant (S.Y. B.Sc.IT), Sis. Rucha Vaidya (S.Y.BSc), Bro. Vaibhav Khanderao (S.Y. B.com), Bro. Jainam Shah (F.Y. BCAF), Sis. Swapnali Pawar (F.Y. B.Sc.) and Bro. Devang Gala (T.Y. B.Sc. IT) received silver medal for MIME at Youth Festival.



Group Singing



Consolation Prize, Youth Festival 2017

Student's Sports Achievements



Sis. Jagruti Murbadkar (M.Com Part I) bagged National Level Gold Medal in Table Tennis 1st at Inter-Collegiate Level and All India University Competitions 2017-18 (M.P)



Bro. Shivam Pingle (F.Y.Bsc) bagged National Level Bronze Medal in Taekwondo 1st at Inter-Collegiate Level and All India University Competitions 2017-18.



Sis. Nensi Patel (S.Y.B.M.S) bagged National Level Bronze Medal in SQUASH 1st at Inter-Collegiate Level and All India University Competitions 2017-18.



Sis. Shivani Parab (M.Sc Part II) bagged Gold Medal in Chess at Inter- Collegiate & All India University Competitions 2017-18.