



The
KHALSA*ite*

Guru Nanak Khalsa College of Arts, Science & Commerce
(Autonomous)

Volume-LXX 2021-2022

*The Light
of Life*

Accredited by NAAC with 'A+' Grade with CGPA of 3.54
College with Potential for Excellence (2016)
Best College Award by University of Mumbai (2011-12)



FEATHER IN THE CAP



***Krishna Singh** won a Gold Medal at 81st All India Inter University Games and set a new record*



***Saroj Shetty** Won a Gold Medal and broke the district record of 1993 of 100mtrs and made new record of 11.8 sec*



***Sampada Phalke** won Gold medal for Judo at State level*

KHELO INDIA UNIVERSITY GAMES 2021

24th April 2022 to 3rd May 2022

FENCING



***Rishi Bhalekar** won Silver Medal at Khelo India University Games*



GURU NANAK KHALSA COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)

AT THE HELM

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Dr. Kiran V. Mangaonkar

Vice - Principal

Degree College

Dr. Allan D'souza

Dr. (Ms) Davinderpal Kaur Bhasin

Dr. (Ms) Ravinder Kaur Cheema (*From 1st March, 2022*)

Dr. Harjinderpal Singh Kalsi

Junior College

Ms. Sangita Bevli

Supervisor (Junior College)

Ms. Vijayalaxmi Ashok Kumar

Dr. Vandana R. Tiwari (*From 1st September, 2021*)

Office Superintendent

Mr. A. S. M. Sundaram

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2	S. Tejinder Singh Padda	Secretary
3	Sardar Gurinder Singh Bawa	Chairman
4	Sardar Bhupindar Singh Minhas	Nominee of the Secretary
5	Sardar Govinder Singh Natt	Member
6	Sardar Satinderpal Singh Ahuja	Member
7	Sardar Surinderpal Singh Bright	Member
8	Sardar Harvinder Pal Timmy Mehta	Spl. Invitee
9	Sardar Pritam Singh Inchpilani	Spl. Invitee
10	Dr. Allan D'Souza	Head of Department nominated by the Principal
11	Dr. Davinder Kaur Bhasin	IQAC Coordinator
12	Dr. H.S. Kalsi	Elected Representative of the Teachers
13	Dr. Manoj Mishra	Elected Representative of the Teachers
14	Dr. R.K. Cheema	Elected Representative of the Teachers
15	Mr. A.S.M.Sundaram	Elected Representative of the Non-Teaching Staff
16	Dr. Kiran Mangaonkar	Principal, Member Secretary

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7	Sardar Manmohan Singh Ratti	Spl. Invitee
8	Sardar Sukhwinder Singh Randhwea	Spl. Invitee
9	Vice-Principal Mrs. Sangita Bevli	Member
10	Dr. Kiran Mangaonkar	Principal, Exofficio Secretary

The KHALSAite

VOL-LXX 2021-2022

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PUBLISHER

Guru Nanak Khalsa College of Arts, Science and Commerce,
Mumbai-400019.

INSTITUTES MANAGED BY SHIROMANI GURDWARA PARBANDHAK COMMITTEE AMRITSAR

1. GURU NANAK KHALSA COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
King's Circle, Matunga, Mumbai, Maharashtra.
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Ludhiana, Punjab.
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Amritsar, Punjab.

FROM THE CHAIRMAN'S DESK

SARDAR GURINDER SINGH BAWA



Strengthening our traditional core values of contributing to the Community and Nation by providing a superior and world class environment to our students, I am happy to announce that we are surging with the same zeal and enthusiasm as ever. We at Khalsa College, provide an atmosphere of holistic development for the students, to enable them to acquire an exceptionally bright future.

The new post pandemic era has reinvented new rules for the students and our students have adapted quite gracefully to the new Normal. We promise to strengthen their inherent qualities and core values based on the teachings of our Gurus, and our constant endeavour will be to make them future ready.

The current issue of “The Khalsaite” magazine showcases some of the most recent activities that the students of our college and faculty have participated in. I have always been supporting students, teachers and non-teaching staff in achieving their golden ambitions by attaining skills that ensure their propitious future.

I am extremely happy at the launch of the College Magazine “The Khalsaite 2022”. I congratulate the Chief Editor and all the members of the editorial team for bringing out the magazine in a colourful way.



FROM THE CHAIRMAN'S DESK, GNIMS

SARDAR BHUPINDER SINGH MANHAS



Guru Nanak Khalsa College (Autonomous) enjoys a formidable position in the arena of education serving the megapolis with a mission and vision. Our institution is credited to have a purpose-oriented approach to contributing to the society fulsomely.

We have successfully imbibed an inter-disciplinary culture in devising newer courses to afford value-orientation to our student community. That we have successfully churned out a good teacher-learner methodology is a matter of great accomplishment to all of us.

Guru Nanak Institute of Management Studies (GNIMS) is doing yeomen service in the field of management education. In the past two decades, it has successfully reinforced the value system of its parent body whose existence spans eight decades and more.

We live in the age of consolidation of mutual synergies, while maintain individual identity as a vertical. This truism equally applies to both the institutions to coexist in unison and make an impact in the overall societal contribution.

I deem it a great privilege to wish all of the members of this great campus all success to contribute their mite wholesomely. This will surely go a long way for us to create a name worldwide and carve a niche for ourselves in terms of esteemed individuality with impeccable credentials to our credit.

On that note, I invoke the blessings of Almighty to shower us with infinite benediction to chart our own course in our mission to afford quality education to humankind in toto.



PRESIDENT ALUMNI SPEAKS...

SARDAR SATINDER PAL SINGH AHUJA-*Honorary Consul, Georgia*

Guru Nanak Khalsa College (Autonomous) is indeed growing from strength to strength. With every successive academic year, our alma mater is making rapid advancements in the field of higher education and research orientation.

It takes a lot of guts and gumption to envision an initiative, mind-map the road ahead and customize a new learning program for the benefit of the learners in this very dynamic ever-evolving environment. The credit for making this whole panoply of process orientation workable is commendable; and definitely goes to the principal and his entire team of dedicated teaching and admin staff alike to pursue the goal orientation with a missionary zeal.

Our college is indeed fortunate to speak of a truly glorious history in the realm of co-academic and extra-academic pursuits. Our Khalsa Gymkhana is continuing with its trajectory of producing ace sportsmen today matching up to world standards and the gold standards of the past when the Department of Sports was brilliantly managed by the Guru Dronacharya of the times: Sardar Jaswant Singh.

During my times as a student here in our college in the early 60's, we had a vibrant theatre culture, and I am very happy to learn that this theatre orientation is still alive and kicking in the campus. It gladdens me to note the success that Natyashray has fetched in the inter-collegiate and national drama competitions.

Stalwarts in the field of art, theatre and cinema began their journey in the portals of our college and now they are a force to reckon with. My only wish is that we reinvent an artiste's guild of sorts and establish a Theatre academy in our college. This will surely go a long way in galvanizing the zest of the present-day students and truly afford them a theatre and artistic orientation plus a socio-cultural world-view.

Khalsaites are placed in the high echelons of industry in varied fields of activities worldwide. My appeal to them is to redeem their pledge and contribute wholeheartedly to the institutional building. Their inputs and their synergy is to really give a better direction to our alma mater to serve holistically in sync with our motto: Essence of Wisdom is Service to Humanity.

It gives great pleasure to convey my heartiest greetings to all the stakeholders of this great educational institution with a hoary past, peerless present and a pulsating future.



MEMBER - COLLEGE DEVELOPMENT COMMITTEE

SARDAR GOVINDER SINGH NATT



"I bow at His Feet constantly, and pray to Him, the Guru, the True Guru, has shown me the Way." Quote by Shri Guru Nanak Dev Ji

Guru Nanak Ji bestowed upon us his blessings, to survive the COVID-19 pandemic and to resume normal offline classes after one-and-a-half years staring at screens from closed spaces. There were traces of uncertainty but the excitement among the students to experience campus life was enormous. The COVID-19 pandemic has shown us the importance of human values to be inculcated among the students like patience, resilience, compassion, collaboration and appreciation. I know how my deeply committed and experienced teaching faculty members are working hard towards grooming the students to become good citizens of the country. Khalsa College is my second home and I have a sacred bond with this Institution. I pray to the Almighty that we continuously keep working together for the development of our students. I am indeed grateful to our honourable Chairman, Sardar Gurinder Singh Bawa ji for giving the Management the upper hand to work in a free and conducive environment. With autonomous status conferred upon us, under the able guidance of the Principal, Dr Kiran Mangaonkar ji, we are making endeavours to plan the curriculum for students to benefit as well as adapt to the changing market scenario. 'The Khalsaites' has had a special place in my heart since 1979 during my College days. It gives me immense pleasure to congratulate the editorial board for bringing out this magazine as per schedule.

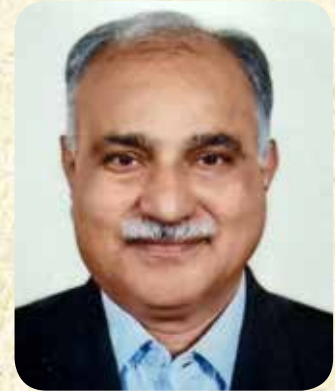
Wishing you all Good Luck...



FROM THE PRINCIPAL'S DESK

DR. KIRAN V. MANGAONKAR

*I*n the quest of growth, I am always reminded of Madame Marie Curie's words, "I was taught that the way of progress was neither swift nor easy". At the same time I feel that robust self-belief and resilience are the key to success in times of uncertainty and challenge that we have seen in a year that turned out much differently than anyone could have imagined. Amidst these with a focus approach towards growth many of our departments have performed outstandingly.



The College has made tremendous progress in the areas of academics and research in recent years which have been the catalyst of an unprecedented transformation that is driving a massive number of students towards the new wave of learning and research. These initiatives are empowering and creating significant new opportunities for our students..

Sharing, Seva and Disseminating love are the core values of our Institution and this is profoundly exhibited by our NSS students who constantly engage themselves with larger social causes. NCC too, joined hands with them, collected and sent relief materials to flood affected people of Chiplun area. Besides this, they also participated in many more social initiatives. I feel education, when amalgamated with selfless service, is the most powerful tool that can change the world. Sports has also been the strength of our college and once again we have proved to be the Powerhouse of Sports in Mumbai. Despite Pandemic, many students achieved accolades and awards in the field of sports at the State and University level.

The contribution of Students and Staff is well unveiled in the "Khalसाite 2022" Magazine. I am confident that this issue of the magazine will send a positive signal and will continue to inspire our young student community to participate more in academic and co-curricular activities. The Magazine enlightens the growth that the Institute has brought in. I heartily congratulate the Chief Editor Ms. Harpreet Kaur Sidhu and her entire team for exhibiting their dynamic talent by bringing out such a wonderful Magazine.



Editorial



“Be a hero. Always say, I have no fear.” –Swami Vivekananda

As we walk through the journey of life, we tumble, we flop, we make errors, but that’s absolutely alright. “Success is 99% failure,” says Soichiro Honda, founder of Honda Motor Company. We should keep in mind that life is a process of becoming. We go through life to discover our self, to become ourselves. Through every little thing we do, words we say and actions we take, we are meant to explore more and more about our self. About our inner journey, life path, and about the purpose and meaning of our own life.

I feel the first vital quality for today’s youth is to have faith in oneself. This faith will develop with persistent hard work, determination, discipline and positive thinking. The second quality is the need for feelings for the deprived and willingness to be of use to fellow beings. Even the least work done for others will implant into one’s heart the strength of a lion. The third requisite is to have the will to overcome the mountain-high impediments. All great things are achieved through huge difficulties. It is the constant struggle against nature, and not conformity to nature, that makes an individual what he is. Hence, we should have no apprehensions in life. Just move on learning from life experiences.

Our College is the Epitome of Learning, where Students can inculcate in them these values. All the Stakeholders of the College are working together towards the Vision and Mission of the Institution. Our Management is our strong pillar in accomplishing all goals and objectives of the Institution. We, at G.N. Khalsa College form a beautiful wreath of our magnificent past, glorious present and dreams of a sanguine future. This fascinating journey continues. At the end, I would like to say:

“All hail the glory of G.N. K. C.
We are proud of you forever
We will carry the flame you have lit in us,
With Joy and Trust forever”

Best of Luck!!!

HARPREET KAUR SIDHU



The Editorial Team of Khalsait



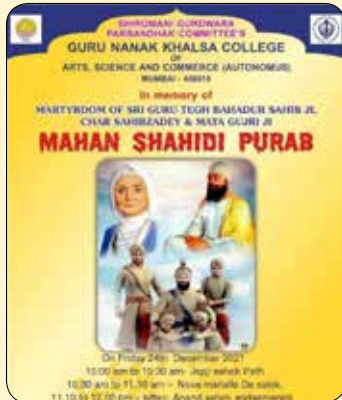
From Left to Right: Dr. Padmaaja Kulkarni, Dr. Shubha Mukerjee, Ms. Parvinder Kaur, Ms. Bhopinder Kaur, Ms. Sunita Rai, Ms. Harpreet Kaur Sidhu, Mr. K. Praveesh Vishwamath Aiyar, V. Princiapal-Dr. H.S. Kalra, Principal-Dr. Kiran V. Mangonkar, CDC Member-Sardar Govinder Singh Natt, Dr. Anita Pasbola, V. Princiapal-Dr. Ratna Sharma, Dr. Vibha Gupta, Dr. Parul Khurana, Dr. Mrigendra Rai, Mr. Robin Mathew

Note: In view of COVID-19 Pandemic, The Editorial Team photograph for the Academic Year (2021-22) was taken on Monday, 10th October, 2022.

GURUDWARA COMMITTEE



Char Sahibzade



Mahan Shabidi Purab



Screening of the film Char Sahibzade at Seminar Hall



Gurpurab Celebration



Peble Prakash Purab

SPORTS



Aniket Masih, Abhishek Mishra, Abhinav with the Inter University Volley Ball Team



Ovee Prabhu with the Mumbai University Team at All India Inter University Gymnastics Team



Priya Gupta Won Bronze Medal in 10K walk at Maharashtra State Athletics Championship



Ruchee Gupta completed NIS 6 weeks Athletics Certification from Sports Authority of India, Jalpaiguri West Bengal

Umesh Kellu, Rishi Balekar & Shiroa at Khelo India University Games and won team Medal



All India Inter University Taekwondo Women Championship

NCC



Punnet Sagar Abhiyan- Beach cleaning activity



Helping hand initiative in Chiplun, Maharashtra

“Every Work has got to pass through hundreds of difficulties before succeeding. Those that persevere will see the light, sooner or later.”

-Swami Vivekananda



Statue cleaning activity

THE IMPORTANCE OF NUCLEAR ENERGY IN A CARBON-FREE WORLD

Tisha Jain, Bioanalytical Sciences

When we hear the phrase “clean energy,” the first thing that springs to mind is solar and wind power. Many people obviate nuclear energy even though it is a crucial component of a carbon-free future since it maintains air quality and produces clean power without emitting dangerous gases or particles such as sulphur dioxide, nitrogen oxide, or mercury. Electricity demand is expanding about twice as quickly as overall energy consumption and is expected to increase by more than half by 2040. Producing dependable, cleaner electricity is a worldwide goal as the globe continues to decarbonize the energy industry and strives for net-zero greenhouse gas emissions to tackle the threat of global warming. Nuclear energy is an integral element of the power generation landscape since it is the most dependable source of carbon-free power generation, providing an uninterrupted energy supply around the clock. Nuclear power generates around 10% of the world’s electricity and 18% of the electricity in The Organization for Economic Co-operation and Development (OECD) countries. Almost all major organizations’ assessments



of future energy supply imply that nuclear power will play a larger role as an ecologically friendly technique of delivering dependable electricity on a large scale.

Nuclear power is created by changing materials on an atomic scale, which results in nuclear fusion or fission. Nuclear energy, which is often based on uranium or plutonium, bombards heavy metals with radiation to initiate fission or fusion processes that provide heat energy. This thermal energy converts water into steam, which drives turbines to generate electricity. Many environmentalists have been vocal in their opposition to nuclear power,

noting its risks and the difficulties in disposing of radioactive waste. Existing nuclear reactors were built with technology that was developed before the 1980s. Much has changed since then, but scientists and engineers are working hard to keep nuclear technology up to speed. Nuclear reactors, for example, are now powered by uranium. However, they may soon move to other forms of fuel, such as thorium (Th, atomic number 90). Thorium is more plentiful than uranium and creates less waste. In addition, the waste is less radioactive. Furthermore, it is far more difficult to convert thorium into nuclear weapons. Researchers say

that nuclear energy is safer than most other forms of energy and that it is required if the world is to drastically reduce its carbon footprint. Nuclear power plants are the most efficient sources of energy, operating 24 hours a day, seven days a week, with an average capacity factor of 93 percent. A capacity factor is the ratio of the actual quantity of power produced by a plant to the maximum amount that it may theoretically produce. This is more than double the capacity factor of any other carbon-free energy source. Nuclear power facilities have minimal operational expenses since their operations are very basic. If nuclear power becomes the favoured option for climate change prevention, the need for power plant development will increase even more. Furthermore, because nuclear facilities only need to be refuelled every 18–24 months, shifting fuel costs have less of an impact on them than more volatile sectors such as oil and natural gas.

Heavy metals, such as uranium, the primary energy source of nuclear power, are found all over the world and are only required in tiny quantities, which means they are also less expensive. Nuclear power stands out as an ecologically favourable energy source when compared to other sources of energy. Rather than using fossil fuels, nuclear power produces clean energy by hitting uranium with neutrons. Furthermore, most nuclear waste has a low degree of radioactivity. Heavy metals have higher energy densities than fossil fuels and hence require less fuel.

This means that smaller amounts of nuclear fuel provide more energy than similar amounts of other materials. As a result, nuclear reactors use fewer resources to acquire and store fuel.

Nuclear power has enormous advantages. One uranium fuel pellet produces the same amount of energy as a tonne of coal, 149 gallons of oil, or 17,000 cubic feet of natural gas. A single nuclear power reactor provides enough electricity to power nearly 760,000 houses on average while releasing no greenhouse pollutants. In comparison to coal, nuclear power can generate significant amounts of energy from a very small quantity of fuel while emitting no damaging greenhouse gas emissions thus keeping the air pure by eliminating hundreds of tonnes of dangerous air pollutants per year, which contribute to acid rain, smog, lung cancer, and cardiovascular disease. In comparison to renewable alternative energy sources (e.g., photovoltaic, solar thermal, wind, and geothermal), nuclear technology is a now-familiar method of producing power. It is a technique that has been demonstrated to be capable of generating massive

The usage of online learning will test both the educator and learners. It will enhance problem-solving skills, critical thinking abilities, and adaptability among the students.

amounts of focused electricity, whereas alternative energy methods have a very limited history of proven practices.

Nuclear energy, is a more stable source of energy than wind and solar power since nuclear power facilities can function in any weather situation. Nuclear power facilities seldom shut down because they do not rely on external elements to function properly. As a result, nuclear power is one of the most dependable energy sources accessible. The land footprint of nuclear energy is modest. Despite providing large amounts of carbon-free energy, nuclear energy provides more electricity on less land than any other clean-air source. Nuclear power, in addition to being a green energy source, delivers continuous electricity due to its resilient production system, which is capable of adapting to changes in electricity demand. Due to the reliability of its related grid and its controlled nature, nuclear power helps considerably to safeguard the electrical supply in hospitals, companies, and homes. A large development of nuclear power can both link millions of Indians who presently lack access to the electricity grid and contribute to global efforts to combat climate change by reducing overall carbon emissions. A robust civilian nuclear sector is critical for India's national security and energy diplomacy. To influence the peaceful use of nuclear technology, India must continue its worldwide leadership in this sector. In this role, the Indian government works with nations to create

partnerships and new prospects for the country's nuclear technologies.

Wind and solar power are vital supplements to nuclear power. Wind, solar, and energy storage can carry us a long way toward a carbon-free future, but establishing a balanced mix with nuclear energy will help us get there sooner and more reliably. Nuclear power is dependable and constantly on, and it supplements other carbon-free energy sources that are not always accessible. When you combine nuclear power's contribution to carbon-free power with wind and solar, you get more than 80% of our clean energy. Small reactors will be able to interact with intermittent sources and help produce energy when the sun isn't shining and the wind isn't blowing. As a result, there is a more consistent and cleaner supply of electricity.

Nuclear power has many hazards as well as many advantages, but it is an important, if not indispensable, component of the answer to two of humanity's greatest challenges, global warming, and climate change.

***“Learning gives
creativity,
creativity leads to
thinking, thinking
provides knowledge,
knowledge makes
you great.”***

-APJ Abdul Kalam

Journey of a Dewdrop!

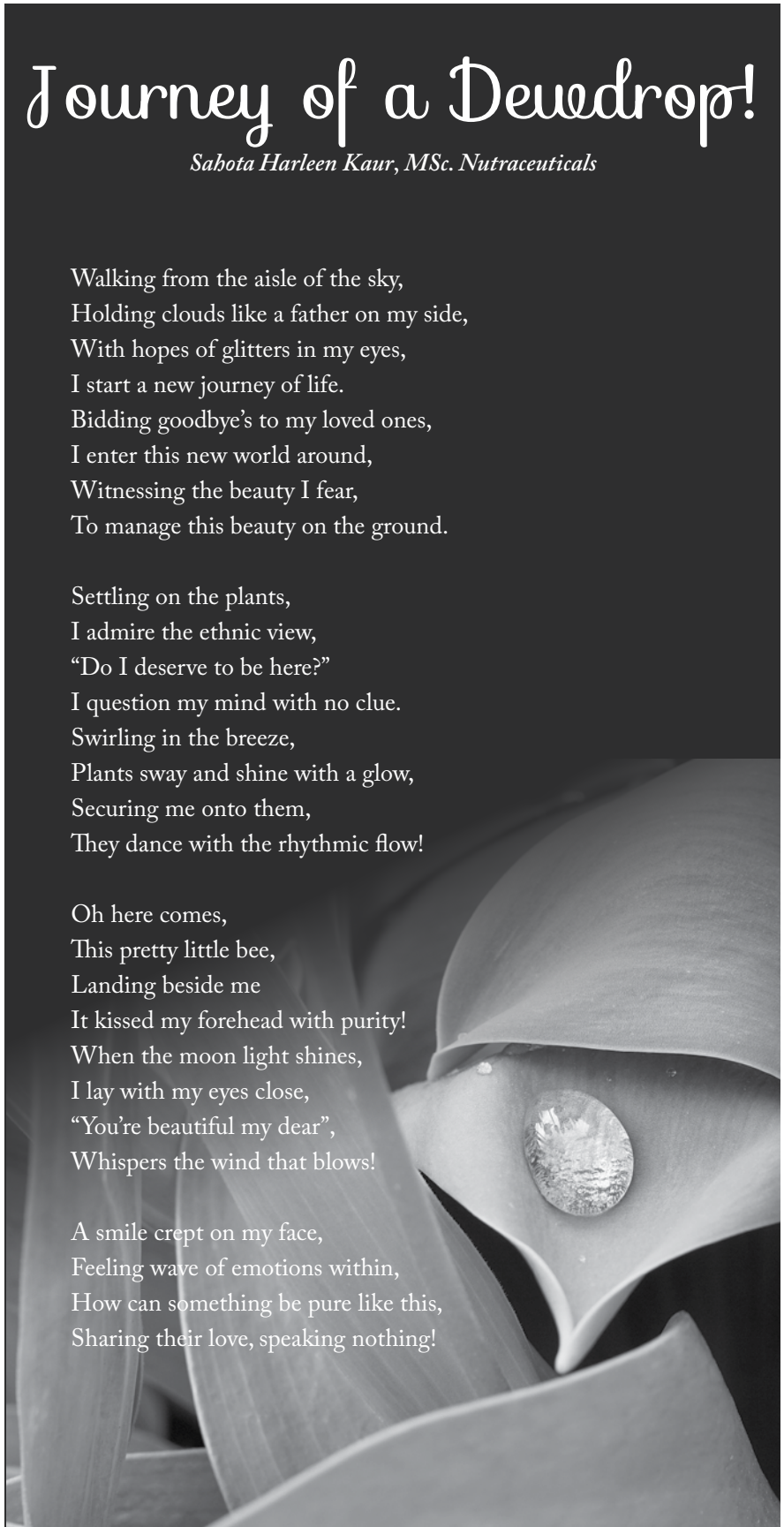
Sabota Harleen Kaur, MSc. Nutraceuticals

Walking from the aisle of the sky,
Holding clouds like a father on my side,
With hopes of glitters in my eyes,
I start a new journey of life.
Bidding goodbye's to my loved ones,
I enter this new world around,
Witnessing the beauty I fear,
To manage this beauty on the ground.

Settling on the plants,
I admire the ethnic view,
“Do I deserve to be here?”
I question my mind with no clue.
Swirling in the breeze,
Plants sway and shine with a glow,
Securing me onto them,
They dance with the rhythmic flow!

Oh here comes,
This pretty little bee,
Landing beside me
It kissed my forehead with purity!
When the moon light shines,
I lay with my eyes close,
“You're beautiful my dear”,
Whispers the wind that blows!

A smile crept on my face,
Feeling wave of emotions within,
How can something be pure like this,
Sharing their love, speaking nothing!



MY PERCEPTIONS OF JANE AUSTEN

Zainab Qureshi, TYBSc. Biotechnology

“I declare after all there is no enjoyment like reading! How much sooner one tires of anything than a book! When I have a house of my own, I shall be miserable if I have not an excellent library”-Jane Austen, *Pride and Prejudice*.

One of the most renowned, widely read, inspiring and talented English novelists of all times, Jane Austen was born on December 16, 1775, in the village of Steventon in Hampshire, England. During childhood, the Austen children were encouraged to pursue literature and creativity. They wrote plays, charades, stories, and discussions on widely ranged topics. Jane was fascinated with words, stories, and literature at a very tender age. As a young girl, Jane engaged herself in domestic and mundane activities considered normal for women of her age. She was also involved in activities like playing the fortepiano, dancing, reading novels to her family members and socializing with friends. During adolescence she started writing the novel “*Love and Friendship*” which is a parody of romantic fiction arranged in a series of letters. During her late teenage years, she also wrote the book titled “*The History of England*”. This book was based on the kings and



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queens of England and is considered as a fun and a delightful read.

Pride and Prejudice is Jane Austen’s most popular novel even today. It received more than 2 million 5-star reviews and sold over 20

million copies since its publication on 28th January 1813. *Pride and Prejudice* talks about the witty and turbulent relationship between Elizabeth Bennett, daughter of a country gentleman and Fitzwilliam Darcy, a rich aristocrat. The classic and romance genre of this book brought Jane Austen a lot of popularity and recognition worldwide. It remains as one of the most read and sought-after novels by people of all age groups.

“*Sense and Sensibility*” is regarded as her second most famous work. It is yet another story about Elinor and Marianne, the Dashwood sisters. In 1995 a movie based on this book was released and it received great reviews worldwide. The moral lesson of the novel is that it is essential to behave sensibly, but it is dangerous to gain and live by excess sensibility.

Jane’s other famous works include- *Mansfield Park*, *Northanger Abbey*, *Emma*, *Persuasion*, etc.

In 1816, at the age of 41 Jane Austen became ill with Addison’s disease. Despite the illness she continued working and editing her older works. However, her condition deteriorated drastically and was forced to stop writing. She passed away on July 18, 1817.

Her work achieved fame and financial success while she was alive. Although, her identity as Jane Austen was revealed to the public only after her death. Her appreciation and recognition into one of the world's greatest English writers was after her death. A lot of her stories, novels and other works published received huge amounts of praise and recognition worldwide. Adaptation of Jane's works are given utmost importance in universities that emphasize the importance of literature and the culture of England. Jane Austen continues to remain an inspiration to women, writers and readers all over the world. Her clever and satirical writing style, perfect use of the English language continues to set a benchmark in the world literature. Jane Austen is rightly considered as an epitome of perseverance and resilience.

I would like to conclude my article with my favorite quote – "Know your own happiness. You want nothing but patience- or give it a more fascinating name, call it hope." – Jane Austen, Sense and Sensibility.

***"Live as if you
were to die tomorrow.
Learn as if you were to
live forever."***

-Mahatma Gandhi



In The Midst

Raju Mangloor, FYBAMMC

In the midst of Covid-19 I witnessed my first ever curfew.
I have never experienced a lockdown before, have you?
It's ineffable what the world is going through,
It is in our hands to save the earth or give one's due.

In the midst of Covid-19 we all were quarantined,
The animals were free but not humankind.
Some became stressed some got peace of mind,
This wouldn't have been a pandemic if we didn't act blind.

In the midst of Covid-19 rumours were some source of news,
It's not my neighbours fault, it's the channel they used.
Ask them to abuse China, they will not refuse,
It's not the hate for China it's the rumours infused.

In the midst of Covid-19 I found out some cool songs,
I haven't met my friends, it's been quite long.
Current affairs, discussion and humour along,
I miss going to class where I truly belong.

In the midst of Covid-19 there is nothing much I did,
I wrote, I slept, I read and some feelings I hid.



Essence of Love

Lavanya Karampuri, SYBSc. Computer Science

You are my sunshine,
You are my life.
Love is bigger than four letters,
Far more beautiful than it appears.

Whisper your love in my ears,
You are my only flower in bloom.
Your love has brought me to recover from my past,
And you will forever be my light in the bloom.

Maybe I stop showing my love for you
because of some reasons,
But my love for you will never change in my heart.
Let me shout for the world to hear,
That you're my soul and my heartbeat.

I'm your today and forever,
With you my dreams are fulfilled as a dream only,
I may know it never going to happen in real,
But distance never keeps apart our souls...
Because of all this and more,
You'll never know how much I love you!!!

An Invisible Connection!

Sahota Harleen Kaur, MSc. Nutraceutical

Up in the sky,
When I witness the universe,
With glittering stars in my eyes,
I get lost and let my time fly!

My eyes share words of my heart,
While they wink and blink at me,
Making me smile in relief,
Knowing the special bond, they share with me!

Looking at each other,
Conversing our voiceless conversation,
They understand me, comfort me,
Staying far in a different nation!

You stay awake till I fall asleep,
Glowing and guarding me from there,
Spreading your light around me,
Protecting me from the gloomy vibes here!

How amazing it is,
Having no selfishness,
Feeling the feel of pure affection,
We share An Invisible Connection!

NATURE TRAILS.....

Jyoti Shrivastava, MSc. Botany

Nature is not a place to visit, it's our home.

You cannot describe the beauty of nature in words, as you cannot capture the feeling of God in camera. It's about the moment you set yourself free and live it.

Nature is fascinating..... in many different ways. Nature is not only about the trees or plant that are present on earth. It's like every flower blossoming in nature it act as a happy soul in nature it is also about the wind that blows (takes away the stress). Heaven is not only about after death it's all about you have it and you dint even know it heaven are present under our feet and above our head (place where we live happily), The mountains (release anxiety and fear)Its seem easier to go down a hill than climbing up, but the view up there is much more better at the top,

The earth has its music for those who will listen- The rivers, ponds, lakes etc. (Refresh or Re-energize), plant or trees (Re-boost positivity) Take a quite walk with mother nature it will nurture your mind body and soul....

Look towards nature and then you realize that everything is beautiful and everything going to be better in its own ways...



Nature is all yours until you take a step to take care of it. Planting seed of happiness, hope, success, achievement and love, it will all come back in abundance and love you back

The limitless sky so deep and high, When the air blow, trees go with the flow, Birds are flying and it's so satisfying, Colorful flowers

everywhere, Miracle with which we are unaware.

Every second it's changing gesture, All the view I want to capture.

Nature is all yours until you take a step to take care of it Planting seed of happiness, hope, success, achievement and love, it will all come back in abundance and love you back... loving nature in any possible ways by planting tree or saplings, by watering it, by protecting our nature its will all come back in abundance and love you more than your expectation.....

HAVE WOMEN GOT THEIR DUE RESPECT?

Syed Tuba M Hussain, TYBSc. Biotechnology

"I myself have never been able to find out precisely what feminism or women empowerment is: I only know that people call me a feminist whenever I express sentiments that differentiate me from a doormat."

Since the beginning of civilization in almost every country, no matter how progressive has a history of ill-treating women. History demonstrates that out of all deprived groups in the world women have suffered the most. Their suffering knew no bounds based on culture, race, region or religion. They have been victims of abuse, molestation, violence, rape, poverty, malnutrition, ill treatment - in a word all sorts of deprivation. This has eventually nudged women to retrospect their status in society and has even led women from all over the world to be rebellious to reach the status they have. Women's empowerment can be defined as promoting women's sense of self-worth, their ability to determine their own choices, and their right to influence social change for themselves and others. A woman is entitled to live in dignity and freedom. "Feminism isn't about making women stronger. Women are already strong, It's about changing the way the world perceives that strength."



Feminism isn't about making women stronger. Women are already strong, It's about changing the way the world perceives that strength.

Even in the 21st century women are beaten, considered witches, honor killing is in practice in many parts of India; and with petty excuses they are tortured and raped while the main perpetrators move freely without any punishment. Further, they are debarred from choosing their own dress or profession;

have little freedom in marriage and reproductive matters; are restricted to move freely within their locality. There are approximately 960 million illiterate adults in the world, of whom two-thirds are women. The issue of 'women empowerment' has become a central point of the United Nations and other Government and Non-Government Organizations. But there is a lack of unanimity among the scholars in comprehending the term empowerment. Various scholars have tried to define the term from their own perspectives. The term empowerment has different meanings in different socio-cultural, economic and political contexts. The most common use of the term "empowerment" refers to increasing the power of the low-power group, so that it more nearly equals the power of the high power group".

But whatever the definitions given by various scholars it all comes down to one basic understanding that a woman's life is her choice!

"So choose to no longer be apologetic for your femaleness and your deminity and want respect because of your femaleness, because you deserve to be"

The Positive Side

Dhvani Gala, SYBAMMC

Sitting on the bed of a tiny room
 There is this girl who has a thought of doom
 thought after thought she condemned
 why the silly mind was blooming them
 at this very moment she thought,
 it may be the right time to find her true self,
 and just like that the phone was replaced
 by her brown little diary, as merry as a child,
 she walked the way to her happy place,
 Sitting on the swing it struck in her maze,
 why sit around with a frown on the face
 when you can write stories and free your mind space.
 Why stay all day with that old grey daze,
 when you can add sunshine hay by smiling in case,
 Girl you can do it, just stay for awhile
 so when success comes knocking,
 You can greet it with the biggest smile.



Friendship

Tiann Jacinto

A friend is someone you can turn to,
 when you're feeling low,
 Just talking to them makes you feel so much better,
 A friend is someone who sticks through thick and thin,
 And helps you get through the problem you're in,
 A friend is someone who fills your life with happiness and joy,
 Without friends there would be no shoulder when you want to cry,
 and no hugs when you are happy,
 A life without friends is like a song without lyrics,
 There ain't no relationship greater than friendship...



Until we meet again

Hozef Ansari, MSc. Bioanalytical Science

Hope so,
One day we will meet again,
maybe in another universe,
where we all need is us,
we all have is time,
where promises aren't broken,
where there is only tears of joy,
where the walks never feels long,
where earning money isn't important,
where life is not a race,
where caste is not an issue,
where all religions are equal,
where age is just a number,
where we don't need to wait for weekends,
where we will do what we loved,
where survival won't be painful,
where our inner kid will always be alive,
where we are the only dream we need,
where death cannot apart us,
until then me here with treasure of our memories,
Until we meet again.....



Unattended

Raju Mangloor, FYBAMMC

Every time I close my eyes,
I see my name shining bright.
Promised myself to never lie,
Couldn't keep up with it however hard I tried.

Have food to eat & clothes to wear,
I'm having the best time I swear.
Broken relations are hard to repair,
Blessed to get so much love & care.

Attracting positive vibes only,
With some people around I never feel lonely.
Nourishing the house that too solely,
My mom works all day & rests rarely.

Sometimes confused, what to do?
Thought of stopping midway through.
Now, at least I have some clue,
Of things that I never want to do.

Arrogance! The quality am running away from,
I am grateful for even a single piece of breadcrumb.

Focusing on strengths and never will I neglect.
Life has been wonderful and there is nothing to regret.

REALM RIBOVIRIA – A THREAT TO HUMANITY

Sachin Pramod Shetty, SYBSc. Microbiology

A virus is an infectious agent that can only replicate within a host organism. Each viral particle, or viron, consists of a single nucleic acid (RNA or DNA), encoding the viral genome surrounded by a protein coat. The discovery of virus was given by Dmitri Ivanowasky in 1892. Martinus beijerink coined the term 'VIRUS' and is known as father of Virology.

In Virology, realm is the highest taxonomic rank established by International Committee on taxonomy of viruses (ICTV). There are six realms based on Specific trait that are highly conserved over time.

Adnaviria, Duplodnaviria, Monodnaviria, Riboviria, Ribozviria and varidnaviria.

In this article, we would focus on Realm Riboviria" which has caused many endemics and Pandemics in the history of the whole world since centuries. Riboviriaria includes all virus that use a homologous RNA-dependent polymerase for replication. It consists of two kingdom (1) Orthornavira :- RdRP-encoding viruses (2) Paranarvirae:- RdDP-encoding viruses Some of the pandemics caused are as follows:

1. Tobacco mosaic virus (TMV)

First virus to be discovered by Adolf

mayer in 1882. It was known from the late 19th century that an infectious disease was damaging tobacco crops. The virus was crystallized by W.M. Stanley in 1935.

Kingdom - Orthornavirae

2. Influenza

It is caused by Influenza virus which causes 'The flu'. There are four types of Influenza virus Influenza A, B, C and D. Five flu pandemics have occurred since 1900: Spanish flu (1918-1920), Asian flu (1957-1958), Hong Kong flu (1968), Russian flu (1977), Swine flu (2009). The greatest death rate was

caused by Spanish flu. Deaths were estimated from 17 to 100 million.

Kingdom - orthornavirae

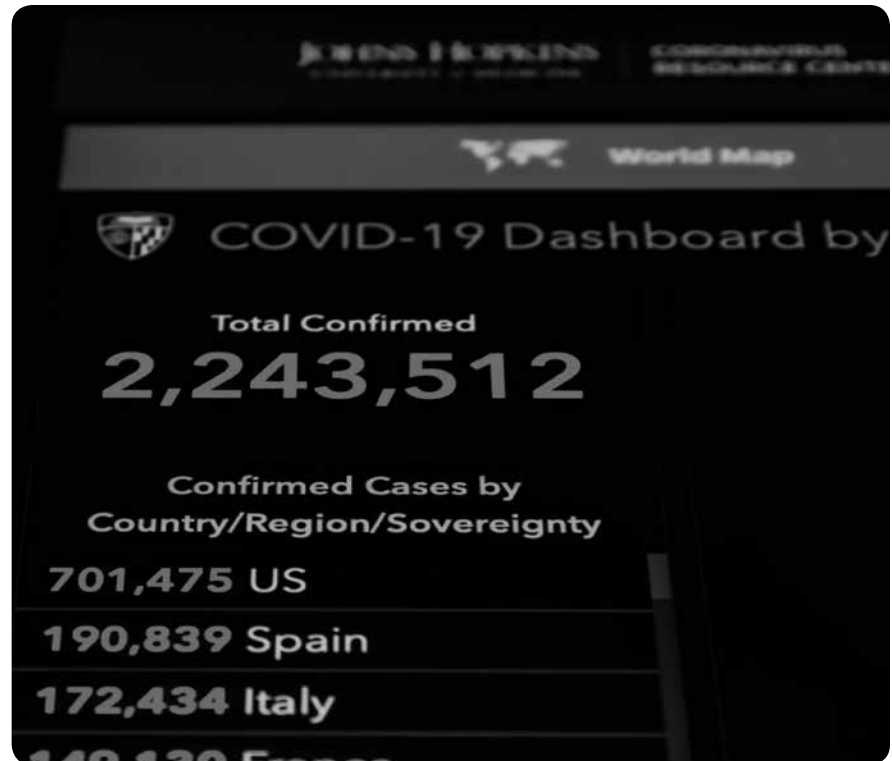
3. Dengue

It was first isolated by Ren kimura and Suisumu Hotto in 1943. It is an infectious diseases transmitted to human by primary vector Aedes aegypti mosquitoes.

Kingdom - orthornavirae.

4. Human immunodeficiency virus (HIV)

Discovered by Luc Montagnier's team in 1983. It is a retrovirus that can infect through a contact with



infected blood, Semen or vaginal fluid.

Kingdom - Paranasalviridae.

5. Rotavirus

Discovered by Ruth Bishop, Geoffrey Davidson, Ian homes and Brian Ruck in 1973. WHO estimates that worldwide there are more than 25 million outpatient visits.

kingdom - Orthornavirae,

6. Ebola

Gurdo van der Groen, and peter plot discovered Ebola in 1976. The outbreak underway in west africa began in early 2014 which caused 11, 310 people deaths.

Kingdom - orthornavirae

7. Coronavirus

The recent world population pandemic which started in December 2019 in Wuhan city of China. Novel corona virus pandemic has currently affected more than 200 countries.

Some have DNA genomics while other have RNA genomics and some are single stranded while others are double Stranded. And virus seems to be mutating continuously. This makes it practically impossible to create a broad-spectrum antiviral drug that will work across different virus.

"The virus doesn't move, people move, Stop moving the virus stops moving, and it dies. It is that simple!"

Let Yourself Shine

Shalini Sharma, SYBSc.



Let yourself shine
Like a silver lining in a dark cloud,
Like a diamond of a coal mine.

Be malleable like gold,
To show yourself bold.
Be hard like a rock,
To face the storm.
Run like a water to win the race.
Be the judge of all your case.

Shine like a comet
That shines once in 76 years
But once seen admires life long

Let not go waste your walks of mile
Let spread the precious gem of smile
Shine like a twinkling star
That shines across the worldwide

Let yourself take harder road day-by-day
Sweeping obstacles away
Let yourself belief in your dream
Though impossible the things may seem
Let yourself smile
And never lose this smile

FORESHADOW AS A LITERARY TOOL

Raju Mangloor, FYBAMMC

A literary work brimming with drama, mystery, emotion and resonating characters intensifies a reader's passion for the work. A fine writer uses different types of literary devices to keep the readers hooked; I feel one of the most effective devices is foreshadowing. Foreshadowing is used to give one an inkling of events to occur. It is used to set a mysterious stage for events that unfold later in the story.

"What's the use of stories that aren't even true?" (Rushdie, 22) This quote is used to foreshadow the



A writer's ambition is to capture the reader's attention and keep them engaged throughout, foreshadowing does just that.

main conflict in the novel, Haroun and The Sea of Stories. The author writes about a land where stories are destroyed in pursuit of power. Haroun's journey throughout the novel is about finding an answer to this particular question. In the end Haroun finds that stories give meaning to life.

"Fresh meat." "That's what IT whispers." (Anderson, 86) This is another example of foreshadowing from the novel, Speak. Melinda is traumatised by everyone at school and the reason is still a mystery. When Melinda encounters IT in school she doesn't want to say IT's name. This gives an impression that IT must have done something inhuman. As the story unfolds, we come to know that IT is Andy Evans who raped Melinda.

"Foreshadowing is a key tool for any writer." (Gaiman, Writing 101) A writer's ambition is to capture the reader's attention and keep them engaged throughout, foreshadowing does just that. It creates a sense of curiosity, emotionally prepares the reader for further reveals and builds an emotional relationship with a character. Though foreshadowing creates mystery it is not solely for that genre, it can be used exquisitely in any genre.



Those Eyes!!

*Sabota Harleen Kaur,
MSc. Nutraceutical*

Standing at the window,
Staring at the sky,
Viewing the beauty
You pleasure your eyes!!

Walking at the seaside,
With water touching your feet,
Humming your favourite song,
Admiring the Sun and
the Sea meet!!

Brimming tears when happy,
Shedding them when sad,
They express all the emotions,
That your pure soul has!!

Words aren't said,
Still they are heard,
Your eyes do express,
The words that are unsaid!!

Showing you the beauty around,
That makes your heart swirl,
Never make them sad,
Those eyes are Precious Pearls!!

SPENT MEDIA

Sachin Pramod Shetty, SYBSc. Microbiology

Indubitably, cultural media is the backbone of microbiology. Bacterial cells ingest resources from the underlying media and, consecutively, liberate end-products into the surrounding medium, thus, transforming its micro-environment[1]. A culture medium is an artificial medium, it is fundamentally constituted of basic components (water, nutrients), to which different growth agents that are peculiar to each microorganism for their survival and isolation are incorporated[2]. For mass production, bioreactors are used they vary greatly in size, from the microbial cell (few mm³) to the shake flask (100-1000 mL) to the laboratory-sized vessel (1 – 50L) to the pilot level (0.3 – 10 mm³) to industrial scale (2 – 500 mm³)[3]. Solid media is crucial for the study of microorganisms and molecular biology, and it is helpful in the recognition of pathogens from contaminated food or water, its porous 3D framework, is valuable in biomolecular separation and purification, furthermore utilized in electrophoresis, gel bead chromatography, and size exclusion chromatography[4]. No wonder, with these limitless applications, the seaweed industry earns a total annual value of 1058 billion US dollars. Agar



output surpasses 14,500 tonnes per year worldwide[5]

The opposite side must be addressed, where unceasing research results in vast amounts of bacterial culture medium waste being created in labs and industries, which could have potential advantages. Garbage, including outdated laboratory waste, has some promise; we can repurpose them in a scientifically sound approach that de-stresses the environment when they've served its purpose. Furthermore, the resilience of discarded growth medium is a strong predictor of reuse[6]. The main objective of this article was to emphasize that recycling and reusing spent media necessitates a well-thought-out structure. Spent medium comprises detritus,

bacteria, and excreted organic substances in various proportions hence for recycling, several issues must be addressed, including wasted medium cleaning and nutrition replacement, any detrimental or positive impact on spent media produced by dissolved chemicals secreted by bacteria, or particle cell debris must be considered[7]. As a result, recuperation of the medium is difficult but not improbable.

Biodiversity refers to the maintenance of the ecosystem's harmony[8]. Due to the obvious generation of discarded medium and its non-recycling, it has an adverse impact on the ecosystem, culminating in the extinction of most flora and animals and consequently in biodiversity loss. The biodiversity

loss may have a serious effect on our ecosystem because the equilibrium is disrupted and the natural food web is disrupted[9]. Ergo, comprehending the necessity of recycling. Recycling media may be achieved in a variety of ways, involving composting[10], the synthesis of solvents from agar waste[11], or simply decontaminating and purifying it for subsequent use[12] as well reprocessing bacterial culture waste in a microbial fuel cell membrane bioreactor system[13].

Composting entails autoclaving spent agar to disinfect it, then grinding it to finer bits in a mortar pestle, adding an effective microbial culture and agricultural waste too, and composting it with soil in varying ratios to attain effective outcomes[14]. While production of Bioethanol incorporates pre-treating agar waste by acid hydrolysis and then employing this slurry for enzymatic saccharification[15]. The kind and concentration of enzyme, and the incubation period, should be tailored for saccharification. Although some studies believe in reusing the spent media, the following protocol was used[16]: Used Agar medium is decontaminated, then frozen and thawed before being treated with hydrochloric acid and sodium hydroxide. The use of activated charcoal then assisted in the removal of carbon-based contaminants. The sodium hypochlorite solution aids in the decolorization of the produced agar. Following that, wash with double distilled water. This recycled agar was filtered, dried, and used to make media. In the case of a microbial

fuel cell membrane bioreactor (MFC-MBR) system, a Culture effluent from a lab-scale fermenter was added to the bioreactor. The interplay between the microbiota and the solid electrode in the MFC yielded electrical energy. In this technique, treated wastewater was recaptured and utilized as a solvent and nutrient source in successive fermentation[17].

A deeper analysis should investigate the feasibility of long-term medium reuse on a widespread

Reusing media is an indispensable requirement since it decreases environmental waste, which aids in its long-term sustainability for future generations.

basis. Furthermore, if inhibitory growth effects are detected in recycled media, emphasis should be paid to the aggregation of soluble organic components, which may favor bacterial growth or even induce auto-inhibitory responses[18]. Recycling yields beneficial consequences. Reusing the growing medium is critical for lowering both fertilizer costs and environmental effects[19]. Reusing media is an indispensable requirement since it decreases environmental waste, which aids in its long-term sustainability for future generations. Living in a world

where resources are limited, reusing spent media is both economically and environmentally lucrative and productive. Analysing spent media might help us in determining its potential benefits.

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Grace

Lavanya Karampuri, SYBSc. Computer Science

She is always too much.
 She laughs too loudly.
 Loves too deeply.
 Feels too much.

She is a storm.
 And the sun.
 And the stars.

She's the waves crashing on the shore.
 She's the wild in the winds.
 And none of that is half measures.

Are you free?

Tiann Jacinto



Are you free?
 Or are you carrying the burden of your thoughts,
 They're always with you,
 Whenever you eat or sleep,
 They won't let you live in peace,
 Your negative thoughts keep eating you up,
 But you alone are responsible
 for having them all tied up,
 Thoughts are like clouds, Let them pass,
 You have a let them go,
 And then serenity will follow.

A Walk

Garwitjit Singh Sharma, TYBA

As I walk myself through the door in the morning
 The odour I smell is of struggle, which make me want to snuggle,
 but the loner forge As I walk myself through the road
 I see hordes, of people
 Different faces, same struggle
 There is only one light in this plight which's not so bright
 Everyone's shattered yet there no rubble
 Everyone's in their own bubble
 As I walk, I see people run carrying the mental baggage
 trying not get buried beneath, little do they know they are binded underneath.



The Shattered Piece of Glass!

Sabota Harleen Kaur, MSc. Nutraceutical

Settled at the shelf high
Displayed on the showcase,
Today that I changed myself,
Will you remember who was I?

Scattered on the floor,
In different shapes and sizes,
I look up to the place,
Where I was shining before!

Tear leaves my eyes,
When I was loved by you,
“It’s mine, It’s mine,
I remember those cute sibling fights!

I miss your hold on me,
Where I felt secured,
It hurts my heart today,
Now seeing you fear from me!

I know it will be painful,
I understand your fear,
Trust me, won’t hurt you
Just collect and pick me up careful.

I want to shine again,
I want to feel your hold again,
Its not too late,
Come and fix me again!



Would You Believe?

Sabota Harleen Kaur, MSc. Nutraceutical

Would you believe if I say
I’ll come up with a way,
Helping you forget your scar,
And make you smile and sway?
Would you believe if I say,
Your look matters the most,
Will you be disheartened, And fear about the worst?
Would you believe if I say,
And turn yourself to fragile,
That those people now with you,
Would leave you once they find new?

Disheartened? No mood to read ahead
Trust me and continue, You won’t ever regret!

Agreed to this,
“Scars on heart are impossible to forget,”
Letting them cure with love,
Let’s your heart smile with the warmth you get!
Your looks matter most, That’s what I said,
Your Care, Kindness, Emotions and Love,
Express the “Real Look” your soul!
Nine out of Ten will leave,
When they find new,
Smile for the one who stays,
Who knows the worth of you!

Would you believe if I say,
Everything does change,
Even with the negative around,
“A Precious Soul” always remain the same!



WOMEN AND WORKFORCE

Raju Mangloor, FYBAMMC

Women's labour workforce rate in India has been in a downward spiral since 2004. The number of working women has declined to 19% from 26%. It has one of the lowest participation rates amongst the developing nations. Reports from several economic institutes suggest that participation of women in the workforce leads to growth and diversity in the workforce has a direct impact on the return on investments. 48% of 1.3 billion people in India are women though their contribution to the GDP is only 17%.

The World Economic forum ranked India at 140 out of 156 nations in its Global Gender Gap report 2021. There are several

causes of this massive gender gap and this gender gap paves for employment gap. The pay gap between men and women, conservative mindset and responsibility of taking care of the house after marriage are all factors

contributing to the employment gap.

Women play a pivotal role in the prosperity of a country and if India dreams to prosper, women's participation in the workforce is of paramount importance.



Mom... I wait for you...

Samruddhi Dange

Everytime when I see our old photo,
I admire the way I used to sit on your lap.
Now, your absence feels like
I'm experiencing a wrong map.

Anytime I need to share my feelings out or express myself,
there is no shoulder or a lap to cry on.
Because you and those days are already gone.

Crying my heart out without showing
a single drop on my eye has become a skill now.

Questioning all the time to God has turned into my habit
that "Why, Where did he take you and How?"

The photograph reminds me the time,
when you held me in your arms;
happily making me smile with all fun and charms.
Dear mom, now this soul finds for you everywhere....
But I could see you nowhere.

Please come back if possible soon.
The little child hidden inside me still waits for you,
that you'll come back someday before the arrival of moon.

Dusk and Dawn : The Unsaid Love

Sabota Harleen Kaur, MSc. Nutraceutical



On the surface of land,
Where fragrance of love begins,
Up there in the sky,
New essence of love is seen!
With a broad shine,
AND a glimpse of light,
Looking tenderly Goddess,
“DAWN” makes our morning bright!

Pretty in herself,
Warm in her own,
She glows in the sky,
Like a “Queen” on her Throne!
As the time passes,
She stays on her way,
Waiting for her love,
Who is just on his way!

There appears an hour,
Where he arrives his destination,
Seeing a sight of her lover “DUSK”
She breathes in satisfaction!
And there the moment arrives,
Where her eyes met his eyes,
Staring at each other,
They cross the paths smiling and wise!

In the cool night,
Remembering the glimpse of “DAWN”
DUSK stays impatient,
Laying on the mattress of a starry lawn!
Just like a long distance couple,
Who crave for each other,
Sharing an Unsaid love,
They just wait to see each other!
No words exchanged,
Neither touches are felt,
This cute love of “Dusk and Dawn”
Makes my heart truly melt!



FREEDOM OF PRESS

Raju Mangloor, FYBAMMC

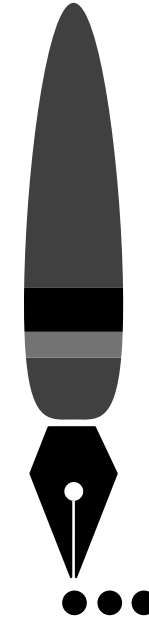
Crimes, conflicts and catastrophes have laid hold of various regions across the globe.

Journalists cover these catastrophes across the globe which help countries to prepare and make informed decisions.

Freedom of press is of paramount importance for free flow of information. Reporters Without Borders, French: Reporters Sans Frontiers (RSF) was established in 1985 to safeguard the freedom of information. According to RSF 488

journalists were imprisoned in 2021, the highest in a year and 46 were killed. These disturbing numbers show that legal systems have failed to do their job. China's transition from communism to dictatorship is attested by the imprisonment of 127 journalists this year. Mexico, Afghanistan, Yemen and India were also on the list of most dangerous countries with 7, 6 and 4 killings respectively.

“When access to information is threatened, it sends a disturbing message that



undermines democracy and the rule of law.” (Guterres, UNESCO). Journalists face threats in various forms online and also from leading authorities. According to UNESCO's, ‘The chilling: Global trends in online violence against women journalists’, 73 percent of the journalists were threatened and intimidated. Only with freedom to speak the truth peace, justice and true democracy will prevail

माथे की बिंदी

सुप्रिया गुप्ता, SYBA

अंग्रेज़ी में इतना मत डूब जाओ
कि हिंदी को ही भूल जाओ ।

भूल न जाओ भारत माता के
माथे की बिंदी को
इसलिए तो
मनाते हैं हम हिंदी दिवस को ।

बचपन की शुरुआत है हिंदी
हिंद की पहचान है हिंदी
भारत का सम्मान है हिंदी

हम सब की जान है हिंदी
हम सब की जान है हिंदी ।



मुलगी...

रुतुजा

मुलगी असो की मुलगा आई बापाची शान असावी,
मुला-मुलीला त्याच घरी समानतेची वागणूक असावी.

ज्या त्या घरी मुलगी म्हणून अपमान कधी वाटू नये,
मी मुलगी का झाली हा शब्द तिच्या मनी दाटू नये.

मुलगा जर वंशाचा दिवा तर मुलगी
त्या दिव्याची तेजस्वी वात असते,
बापाने मारलेली बाय म्हणून हाक तिच्यासाठी अमृता पेक्षाही गोड वाटू लागते.

मुलासम मुलीलाही मनसोक्त जगण्याची मुभा दयावी,
आपले स्वप्न पूर्ण करण्यासाठी पंखात तिच्या बाळ दयावे.

मुलगी म्हणून तिच्या कर्तव्याला अस्तिवाची जोड असावी,
शुद्ध समजून तिच्यावर अस्तिवाची तुलना नसावी.

जरी ती मुलासारखी नसेल
तुमच्या घरचा वंशाचा दिवा,
तरी एक गोष्ट नक्की तुम्हाला दिवा दयायला तिच्या अस्तिवाचाच भास हवा...

चांगूलपणाचे ओझे

रुतुजा

कुणाला आपला कंटाळा येईल
इतकं जवळ जाऊ नये
चांगूलपणाचे ओझे वाटेल
इतके चांगले वागू नये
कुणाला गरज नसेल आपली
तिथे रेंगाळत राहू नये
नशीबाने जुळलेली नाती जपावी
पण स्वतःहून तोडू नये
गोड बोलणे गोड वागणे
कुणास अवघड वाटू नये
जवळपणाचे बंधन होईल
इतके जवळचे होऊच नये
सहजच विसरून जावे सारे
सल मनात जपू नये
नकोसे होऊ आपण
इतके आयुष्य जगूच नये
हवे हवेसे असतो तेव्हाच
पटकन दूर निघून जावे
आपले नाव दुस याच्या ओठी
राहील इतकेच करून जावे.

थोड जगून घ्यावं...

रुतुजा

वाच्यासारख जगता यावं
 मिळेल तिथं फिरता यावं
 नजरेला नजर भिडता-भिडता आडोशाला हळुवारपणे लपता यावं आयुष्य सुंदर आहे
 ताच्यासारख लखलखत राहावं कोवळ्या पानासारखी जीवनाला आश्वासन देत राहावं
 जगण्याला प्रेम देऊन आयुष्य जगावं मरायचं तर प्रत्येकाला आहे
 पण मरणही हसत बघावं
 बघता क्षणी सर्व विसरून घ्यावं आयुष्य जगताना बेभान व्हावं भावनांच्या कल्लोळात मनसोक्त मिसळावे
 मन हरपुन भावनेत तल्लीन व्हावं जगण्याला ही नवीन उम्मेद देऊन जावं
 आणि शेवटी काय मरण अटळ आहे म्हणून म्हणते थोड जगून घ्यावं.....



अभिशाप

अर्चना सत्यप्रकाश यादव, TYBA

हर घर में यह क्या हो रहा है?
 झाँक कर देखा तो बेटियों पर अत्याचार हो रहा है
 कई माँ, बेटियों को जन्म देने से पहले ही उन्हें
 अजन्मा ही रहने देती हैं।
 जन्म देने में बेटे को अपना स्वाभिमान समझती हैं।

बेटा वंश का दीपक बनेगा
 होगी रोशनी तो परिवार में फूल खिलेगा
 पढ़ेगा - लिखेगा और समाज में नाम करेगा
 अरे! कुछ नहीं तो बुढ़ापे का सहारा बनेगा
 अफसोस, यह सोच कितनी छोटी है, न?



लड़कियाँ न होती तो इस संसार में क्या होता?
 लड़को का विवाह क्या लड़को से ही होता?
 हाय! ऐसा करनेवाला हमारा समाज कैसा होगा?

रोको-रोको इस अत्याचार को
 नारी भ्रूण हत्या के अभिशाप को
 बंद करो इस पाप को ॥

इंतजार बा!!

प्रिया गुप्ता, TYBAMMC

पिया सजन घर आयो रे,
 मैं कइसे बनाऊं लाख बहाने,
 दिन-रतियन् देखी तोहरी राह,
 मनवा को कइसे मनाऊं रे ॥
 माथवा पर लकीर सजाई,
 पसीना पोछी बइठी दरवाजे,
 चंचल मन बार-बार रुलाई,
 कब आयोगे घर?
 माटी घर बागबान बन जाई ॥
 कइसन जिया को करु राजी,
 सास कहें काजी,
 इहइ मन की पीड़ा,
 कोउ ना जाने,
 मैं कइसन बताऊ सब परदेश,
 मिलन की घड़ी आई नजदीक हो.....!!
 रात अंधेरे तारे चमके,
 धीमें-धीमें उजियारा आयो रे,
 गरज-गरज मेघ बरसे,
 थर-थर नीर बरसायो रे,
 नाचत मोरनी खुले बागन,
 संदेशा लायो रे ॥
 ई तन शीशा सा,
 टूटे है सौ बार,
 मन का प्रेम जरी जाय,
 हृदय की कोठरी टूटत बा,
 बुझ जाई दीपक जलि-जलिके
 इंतजार... इंतजार,
 लागत, सजन कोसो दूर बा ॥

आज पता ही न चला

साधना शर्मा, TYBA

आज बचपन कब बीत गया, पता ही न चला....
 यह घर जो मेरा है,
 कब आज मायका बनने लग गया, पता ही न चला....
 बस, आज पता ही न चला....
 यह पापा के हाथ जो हर समय टॉफीयाँ देने के लिए आगे बढ़ते थे,
 कब आज कन्यादान देने लग गए, पता ही न चला....
 बस, आज पता ही न चला....
 यह मम्मी से रोज पढ़नेवाली डांटे,
 कब आज दुलार मे बदल गए, पता ही न चला....
 बस, आज पता ही न चला....
 यह बहन जो छोटी सी छोटी चीजों में लड़ा करती थी,
 कब आज हर एक चीज अपने से जुड़ी देने लग गई, पता ही न चला....
 बस, आज पता ही न चला....
 यह भाई जो मुझे हर बात पर चिढ़ाया करता था,
 कब आज आँसुओं से भरी नजरों से निहारने लग गया, पता ही न चला....
 बस, आज पता ही न चला....
 यह सुबह जो इतने शोर-शराबों से भरी थी,
 कब आज खुशी के ठहाको के साथ आसुओं में बहने लग गई, पता ही न चला....
 बस, आज पता ही न चला....
 यह जो आंगन था खेलने का,
 कब आज शादी का मंडप बन गया, पता ही न चला....
 बस, आज पता ही न चला....
 यह घर जो मेरा है,
 कब आज मायका बनने लग गया, पता ही न चला..
 बस, आज पता ही न चला ...



ओ टी टी प्लेटफ़ार्म मनोरंजन का नया मोड़

गौतमी अनुप पाटील, *Research Scholar, Dept. of Hindi*

विज्ञान और तंत्रज्ञान आये दिन रोज़ नई बुलंदियों को छू रहा है। मान लो इस परिवर्तन ने OVER THE TOP को स्पर्श किया है। हाथों में आये स्मार्ट फ़ोन ने न केवल नई पीढ़ी को वरन् बुजुर्गों को भी कई हिस्सों तक आधुनिक एवं स्मार्ट बनाया है। आज का दौर इंटरनेट का है, इस महाजाल के मायाजाल से अब मुक्त होना किसी भी व्यक्ति के लिए असंभव है। संत कबीर कहते हैं,

“माया महा ठगनी हम जानी।
तिरगुन फ़ाँसि लिए कर डोलै,
बोलै मधुरी बानी।”

किसी भी वस्तु का माया, मोह, उसके अधीन हुआ मनुष्य उससे सरलता से छुटकारा नहीं पा सकता। आज मेरी एवं मेरे पीछे की पूरी पीढ़ी एक ऐसे जाल में जकड़ी हुई है, जिससे मुक्त होने की किसी की चाह नहीं है।

जिस अधीनता को हमने स्वीकार किया है, उसका नाम ओ टी टी है। ओ टी टी मनोरंजन का एक ऐसा सेक्रेड गेम है, जिसके खिलाड़ियों ने हमें चारों तरफ़ से घेर लिया है, और हम दर्शक वर्ग उन खिलाड़ियों की लीलाओं को देखकर मंत्रमुग्ध होते हैं। सन् अस्सी के दशक में टेलीविजन पर हम लोग, बुनियाद, सर्कस, फ़ौजी, शांति, रजनी, दामिनी, श्वेतांबरा जैसी धारावाहिकों ने न केवल दर्शकों का मनोरंजन किया था, बल्कि समाज को नयी दिशा देने का प्रण भी लिया था। भारतीय स्त्री वर्ग इन धारावाहिकों से विशेष आकर्षित हुआ था, परंतु पुरुष वर्ग भी इससे अछूता नहीं रहा था। टेलीविजन पर प्रस्तुत होनेवाले प्रत्येक धारावाहिक, कार्यक्रमों पर सेन्सरबोर्ड की करारी नज़र हुआ करती थी, अतः पूरे परिवारजनों के साथ इस मनोरंजन का आनंद उठाया जाता था। बच्चों के लिए तो रविवार की छुट्टी सुहानी थी, क्योंकि जंगल बुक, टॉम एन्ड जेरी, डक टेल्स, डेनिस द मेनिस जैसे उनके दोस्त उन्हें केवल उसी



ओ टी टी मनोरंजन का एक ऐसा सेक्रेड गेम है, जिसके खिलाड़ियों ने हमें चारों तरफ़ से घेर लिया है, और हम दर्शक वर्ग उन खिलाड़ियों की लीलाओं को देखकर मंत्रमुग्ध होते हैं।

दिन मिलते थे। मनोरंजन के साथ-साथ किलबिल जैसे कार्यक्रम बालकों को ज्ञान भी प्रदान करते थे। रामायण, महाभारत, श्रीकृष्णा ने मिथकों एवं पुराणों की ओर आकृष्ट किया था।

“कथा है पुरुषार्थ की
ये स्वार्थ की परमार्थ की
सारथी जिसके बने
श्री कृष्ण भारत पार्थ की”
मैं यकीन के साथ कह सकती हूँ कि उस

पीढ़ी का साक्षी प्रत्येक व्यक्ति इन पंक्तियों को उसी ताल और लय में गाकर पढ़ रहा होगा, जैसे महेंद्र कपूर के सूर थे।

बदलाव समय का नियम है, हफ़्ते में एक दिन दूरदर्शन पर आनेवाले धारावाहिकों ने डेली सोप नाम का नवीन रूप धारण किया और फिर घर घर की कहानी ने सास बहू को हाथ में एक साथ रिमोट लेकर स्नेह से बिठाया। पर अब ... जाने कहाँ गए वो दिन....

और फिर.. नये दौर में लिखेंगे, मिलकर नई कहानी... घर के ड्राइंग रूम में विराजित इंडियन बॉक्स ने वामन अवतार लेकर मोबाइल के रूप में हाथों में आकर बस गया। दिन के चौबीस घंटे इंटरनेट की उपलब्धता के कारण तमाम तरह की फ़िल्में, सीरीज़, शोज़ जब चाहे, जहाँ चाहे देखना संभव हुआ। बिना किसी विज्ञापन के रूकावट से अब कार्यक्रम चलते ही रहते हैं। अब शनिवार, रविवार की छुट्टियों में नेशनल पार्क, जूहू, दादर चौपाटी पर न जाकर हेड फ़ोन लगाए, एसी की ठंडी हवा में वेब सीरीज़ का आनंद उठाने वालों की तादाद में बढ़ोतरी हुई है। न केवल दर्शक इस ओ टी

टी की ओर आकृष्ट हुए हैं, वरन् अमिताभ बच्चन, अभिषेक बच्चन, माधुरी दीक्षित, तब्बू, डिंपल कपाड़िया, अलिया भट्ट जैसे जाने माने कलाकारों की फ़िल्में भी अब एमेझॉन, नेटफ्लिक्स, हॉटस्टार जैसे प्लेटफ़ॉर्म पर प्रस्तुत होने लगी। वर्षों से जिनके अभिनय क्षमता को अनदेखा किया गया था, ऐसे पंकज त्रिपाठी, नवाजुद्दीन सिद्दीक़ी, शेफाली छाया, ऋषिकेश जोशी जैसे कला संपन्न कलाकारों के अभिनय कौशल को एक तरह से ओ टी टी के कारण ही न्याय मिला। परंतु दूसरी ओर सिनेमा थियेटर रिक्त होने लगे। जिसका परिणाम सिनेमा व्यवसाय पर निर्धारित अनेक परिवारों पर जाने अनजाने में पड़ गया।

आर्थिक समस्या के साथ-साथ एक बड़ी समस्या है नैतिक मूल्यों के रक्षण की। ओ टी टी प्लेटफ़ॉर्म पर प्रस्तुत होनेवाली सीरीज़ों में कथानक की आवश्यकता के नाम पर जो कुछ दिखाया जा रहा है, उसका निश्चित ही परिणाम बालकों एवं युवाओं की सोचने विचार करने की क्षमता पर हो रहा है। भय है कि भविष्य की पीढ़ी अधिक हिंसक न बनें, या अपना बचपना, अपनी कोमलता खोकर समय से पहले ही प्रौढ़ बनें। पर्दे पर दिखाया गया दृश्य काल्पनिक है, और उसका वास्तविकता से कोई संबंध नहीं है, यह सच्चाई समझना आवश्यक है। कहने का तात्पर्य है कि,

“काकः कृष्णः पिकः कृष्णः कः भेदः पिककायो।

वसंत समय् प्राप्ते काकः काकः पिकः पिकः।”

अर्थात् समय के साथ-साथ इसके लाभ और हानि का भेद कौए एवं कोयल की आवाज़ का भेद सामने प्रस्तुत होगा ही ! तब तक.. निर्मल पाठक की घर वापसी, पगलट, दसवीं, गुल्लक जैसी क्लासिक फ़िल्में और सीरीज़ का आनंद ज़रूर ले!

बिना डर के चलना

नंदिनी अरुण कुमार शुक्ला, *TYBA Hindi*



लोग संगमरमर हुए,
हृदय हुआ इस्पात।
बर्फ हुई संवेदना,
खत्म हुआ संवाद॥

जिंदगी की उड़ान भरने के लिए सावधानी बरतनी पड़ती है। उसी प्रकार सुरक्षित जीवन के लिए सड़क के नियम एवं संकेतों का भलीभाँति पालन किया जाना आवश्यक है। सड़क के नियमों का सही प्रकार पालन करने से हम यातायात विषयक बढ़ती हुई दुर्घटनाओं से स्वयं को सुरक्षित रख सकते हैं।

“दुर्घटना से देर भली” यह कहावत यू ही नहीं कहा जाता यह वास्तव में सच है, सड़क किनारे हादसों, चोट और मृत्यु को टालने के लिये बहुत महत्वपूर्ण पहलुओं में से एक है सड़क पर लोगों की सुरक्षा। दुर्घटनाओं और मृत्यु की पूरी सूचना के बारे में राष्ट्रीय सांख्यिकीय आँकड़ों के आधार पर सड़क सुरक्षा के महत्व का हम मूल्यांकन कर सकते हैं। लगभग 42% मामलों

में पैदल चलने वाले और एक तरफ का सड़क इस्तेमाल करने वाले होते हैं। सड़कों पर दौड़ती वाहनों से कब किस प्रकार का हादसा हो जाए कहा नहीं जा सकता इसलिए स्वयं की जिंदगी स्वयं के हाथों में होती है।

आज प्रशासन का रुख सख्त हो गया है, सड़क सुरक्षा एक अंतर्विभागीय तथा बहुआयामी मुद्दा है अतः मध्यप्रदेश शासन ने इसके हल हेतु एक प्रभावी रणनीति अपनायी है हमारा नारा है ‘सड़क सुरक्षा दुर्घटना विहीन सफर’ के लिये सड़क सुरक्षा का लक्ष्य 4E के स्वर्णिम सूत्र से हासिल किया जाना प्रस्तावित है। सभी सड़क उपयोगकर्ताओं को एक सुरक्षित सड़क नेटवर्क उपलब्ध कराना जिसमें पदयात्रियों तथा सायकिल चालकों को प्राथमिकता दी गयी हो, भविष्य में शून्य सड़क दुर्घटना मृत्यु का लक्ष्य प्राप्त करा देना। सड़क सुरक्षा को मूलभूत यातायात सेवा में अविभाज्य अंग के रूप में मान्यता दी गयी है।

सड़क सुरक्षा के प्रति जागरूकता बढ़ाना नीति कथन राज्य सरकार सड़क उपयोगकर्ता, सड़क निर्माता की सड़क सुरक्षा के प्रति

जागरूकता बढ़ाने हेतु हर संभव प्रयास करेगी। सड़क सुरक्षा जागरूकता (RSA) तथा सड़क सुरक्षा शिक्षा (RSE) का नगरीय क्षेत्रों में रुझान कम कर दूरस्थ तथा ग्रामीण क्षेत्रों के मुद्दों तथा चुनौतियों को भी दायरे में शामिल करना इस हेतु विषय वस्तु तीव्रता, माध्यम तथा लक्ष्य भिन्न क्षेत्रों एवं समाज के सभी वर्गों के लिये भिन्न रखते हुये समावेशी होगा। छात्रों को सुरक्षा शिक्षा प्रदान करना और सड़क सुरक्षा शिक्षा (RSE) बचपन से ही दी जानी चाहिए। यदि सुरक्षा जागरूकता बचपन में दी जायेगी तो सुरक्षा एक आदत और जीवन पद्धति बन जायेगी। सड़क सुरक्षा शिक्षा का विस्तार कर नगरीय तथा ग्रामीण क्षेत्रों के सभी आयु वर्ग के सड़क उपयोगकर्ताओं एवं बहुउद्देशीय गतिविधियों को शामिल किया जायेगा। टीवी / रेडियो / प्रिंट, फिल्म स्लाइड के माध्यमों का नियमित एवं बारम्बार उपयोग कर सड़क सुरक्षा संदेशों तथा सीट बेल्ट, हेलमेट का उपयोग, वाहन चलाते समय मोबाइल का उपयोग न करने का प्रचार किया जायेगा। सिनेमा हाल, मॉल एवं भीड़भाड़ वाले अन्य स्थानों पर स्लाइड एवं फिल्म प्रदर्शित करना चाहिये।

केंद्र सरकार ने मानव जीवन को अहम मानते हुए प्रमुख कदम उठाया है, वहीं केंद्रीय मंत्री ने बताया कि सड़क हादसों को रोकने के लिए सरकार चार आयामों पर काम कर रही है। इनमें ऑटोमोबाइल इंजीनियरिंग, रोड इंजीनियरिंग, एजुकेशन और सबसे प्रमुख रोड सेफ्टी कानूनों का क्रियान्वयन है। उन्होंने आगे कहा कि इसके लिए समाज और मीडिया के सहयोग की सबसे अधिक जरूरत है। सड़क सुरक्षा नियमों को लेकर देश में काफी सारी समस्याएं हैं क्योंकि समाज

के सहयोग के बिना इन्हें प्रभावी नहीं बनाया जा सकता। ऐसे में भारतीयों को रोड सेफ्टी के मामले में मानसिकता को बदलने की जरूरत है।

हरपल आगे बढ़ाना हैं,
नहीं कभी भी रुकना हैं
इसका सदैव ध्यान करो
स्वयं सुरक्षा ज्ञान करो ॥

आज मॉल्स न केवल नवरोजगार अवसर अपितु मानव की ज़रूरतों की पूर्ति करने वाले प्रमुख बाजार बन गया है। परंतु इसमें व्याप्त खतरों को नजर अंदाज नहीं किया जा सकता।

ओ टी टी मनोरंजन का एक ऐसा सेक्रेड गेम हैं, जिसके खिलाड़ियों ने हमें चारों तरफ़ से घेर लिया है, और हम दर्शक वर्ग उन खिलाड़ियों की लीलाओं को देखकर मंत्रमुग्ध होते हैं।

मॉल्स का संचालन कर रहे ये घाघ बिल्डर अपने बिजनेस के फायदे के चलते शहरवासियों का जीवन दांव पर लगा देते हैं। इन मॉल्स में न तो फायर सर्विस के पुख्ता इंतजाम होते हैं और न ही मानकों के मुताबिक सैटबैक। कहीं तो ऐसा भी देखने में आया है कि मॉल्स स्थित सैटबैक को बिल्डरों ने निजी यूज या फिर पार्किंग आदि में इस्तेमाल कर लिया है। जबकि नियमानुसार सैटबैक का अतिक्रमण दण्डनीय अपराध है। दरअसल, किसी भी बिल्डिंग में सैटबैक को फायर

सर्विस के इंतजाम के लिए खुला छोड़ा जाता है। बिल्डिंग में आग आदि की घटना होने पर दमकल की गाड़ी इन्हीं सैटबैक से होती हुए पूरी बिल्डिंग को कवर करती है।

दरअसल सरकार को किसी शॉपिंग मॉल के संचालन के लिए दमकल विभाग, नगर निगम व स्वास्थ्य विभाग से एनओसी लेनी पड़ती है। इन्हीं एनओसी के आधार पर बिल्डर एमडीए में कंप्लीशन सर्टिफिकेट के लिए आवेदन करता है। इस एनओसी का सत्यापन कर एमडीए अपनी शर्तों के आधार पर कंप्लीशन सर्टिफिकेट जारी करता है। जिसमें अनर्गल मुख्यत मानव जीवन को अहम मानते हुए कहा जाता है कि यदि सरकार को लगे कि सुरक्षा व्यवस्था कड़ी नहीं है तो वह उस पर उचित करवाही कर के सील भी कर सकती हैं। आज सुरक्षा व्यवस्था इतनी ज्यादा कड़ी हों गई है कि व्यक्ति आंख मूंदकर आगे बढ़ सकता है। बिना किसी डर के वह सड़कों, मॉल्स के आगे चल सकता है। परन्तु जिस तरह ताली एक हाथ से नहीं बज सकती है उसी प्रकार केवल एक तरफ़ से सुरक्षा व्यवस्था कड़ी कर हादसों को नहीं रोका जा सकता है। उसके लिए आवश्यक है कि सब को एक साथ आकर मिलकर प्रयास करना होगा। जिस दिन हम सभी एकता के सूत्र में बंध एकत्व भाव से प्रयास करेंगे उस दिन हम प्रगति की नई परिभाषा को गढ़ेंगे बिना किसी डर के आगे बढ़ेंगे।

बारिश की बूंदें भले ही छोटी होती हैं किंतु लगातार बरसने से नदियों को भर देती हैं सागर में उफान ला देती हैं उसी प्रकार लगातार प्रयास करने से हर डर को हराकर आगे बढ़ा जा सकता है।

***“If you focus on success, you’ll have stress.
But if you pursue excellence, success will be guaranteed”***

-Deepak Chopra

ਸ਼ਬਦ ਸੁਰਤਿ

Mrs. Bhupinder Kaur, HOD Department of Punjabi

ਸ਼ਬਦ ਦੀ ਲਗਭਗ ਹਰੇਕ ਧਰਮ ਵਿੱਚ ਵੱਡੀ ਮਹੱਤਤਾ ਹੈ। ਵੇਦਾਂ ਦਾ ਨਾਦ, ਇੰਜੀਲ ਦਾ 'ਦੀ ਵਰਡ' ਕੁਰਾਨੇ ਮਜ਼ੀਦ ਦਾ ਸੌਤੇ ਸਰਮਦੀ ਜਾਂ 'ਕੁੰਨ ਦਾ ਕਲਮਾ' ਇਹ ਸਭ ਸ਼ਬਦ ਦੇ ਲਖਾਇਕ ਹਨ। ਇਹ ਬੋਲ ਆਪੋ-ਆਪਣੇ ਪ੍ਰਕਰਣ ਵਿੱਚ ਕਰਤਾਰ ਦੇ ਸਿਰਜਣਾਤਮਕ ਸੰਕਲਪ ਤੇ ਆਪਣੀ ਸਿਰਜਣਾ ਨਾਲ ਸੰਬੰਧਿਤ ਸਬੰਧ ਕਾਇਮ ਕਰਨ ਦੇ ਸੰਦਰਭ ਵਿੱਚ ਵਰਤੇ ਗਏ ਹਨ। ਭਾਵ ਇਹ ਹੈ ਕਿ ਅਕਾਲ ਪੁਰਖ ਸ਼ਬਦ ਦੇ ਨਾਲ ਕੇਵਲ ਸੰਸਾਰ ਦੀ ਸਿਰਜਣਾ ਹੀ ਨਹੀਂ ਕਰਦਾ, ਆਪਣੀ ਸਿਰਜਣਾ ਨਾਲ ਹਮਕਲਮ ਵੀ ਹੁੰਦਾ ਹੈ। ਸ਼ਬਦ ਰਾਹੀਂ ਕਰਤਾਰ ਆਪਣੀ ਸਿਰਜਣਾ ਪ੍ਰਤਿ ਆਪਣੇ ਆਪ ਨੂੰ ਪ੍ਰਗਟ ਕਰਦਾ ਹੈ।

ਸ਼ਬਦ ਇੱਕ ਉਚੇਚਾ ਧਰਮ ਵਿਗਿਆਨਕ ਸੰਕਲਪ ਹੈ। ਇਹ ਮਹਾ ਚੇਤਨਾ ਦੀ ਉਹ ਅਤਿ ਸੂਖਮ ਧਾਰਾ ਹੈ, ਜੋ ਇਕੋ ਵੇਲੇ ਹੁਕਮ ਵੀ ਹੈ, ਨਾਮ ਦੀ ਤੇ ਪ੍ਰਭੂ ਦੀ ਕਰਤਾਰਤਾ ਦਾ ਨੀਸਾਣ ਵੀ। ਇਹ ਖਾਮੋਸ਼ੀ ਦੀ ਉਹ ਆਵਾਜ਼ ਹੈ, ਜੋ ਸਿਰਜਣਾ ਤੋਂ ਪਹਿਲੇ ਵੀ ਵਰਤ ਰਹੀ ਹੈ, ਇਹ ਇੱਕ ਕਰਤਾਰੀ ਸ਼ਕਤੀ ਹੈ, ਜੋ ਸਿਰਜਣਾ ਦਾ ਮੂਲ ਹੋਈ : **“ਏਕੋ ਸ਼ਬਦ ਏਕੋ ਪ੍ਰਭ ਵਰਤੈ ਸਭ ਏਕਸੁ ਤੇ ਉਤਪਤਿ ਚਲੈ।**

ਕੇਵਲ ਸਿਰਜਣਾ ਹੀ ਨਹੀਂ, ਵਿਸਰ ਜਣਾ ਵੀ ਤੇ ਪੁਨਰ ਸਿਰਜਣਾ ਵੀ ਸ਼ਬਦ ਤੋਂ ਹੋਈ ਹੈ। ਇਸੇ ਤੋਂ ਉਤਪਤੀ ਹੋਈ ਹੈ। ਇਹ ਚੌਹਾਂ ਜੁਗਾਂ ਤੋਂ ਲਗਾਤਾਰ ਕਾਇਮ ਹੈ। ਸਮਸਤ ਦੇਸ਼ ਕਾਲ ਅੰਦਰ ਨਿਰੰਤਰ ਵਰਤਦਾ ਇਹ ਸ਼ਬਦ ਨਿਸਚੇ ਹੀ ਸਾਡੇ ਆਪਣੇ ਅੰਦਰ ਵੀ ਵਰਤ ਰਿਹਾ ਹੈ। ਜਿਸ ਕਿਸੇ ਨੇ ਆਪਣੇ ਅੰਦਰ ਭਾਲਿਆ ਹੈ। ਉਸ ਨੇ ਆਪਣੇ ਅੰਦਰ

ਲਹਿਰਦੀ ਇਸ ਦੀ ਸੂਖਮ ਸੁਭਾਇਮਾਨਤਾ ਨੂੰ ਪਛਾਣ ਲਿਆ ਹੈ।

“ਕਾਇਆ ਨਗਰੀ ਸ਼ਬਦੋ ਖੋਜੇ ਨਾਮ ਨਵੰ ਨਿਧਪਾਈ” ਅੰਦਰ ਦੀ ਮੌਜ ਦੇ ਇਸ ਅਭਿਆਸ ਨੂੰ ਹੀ ਸੁਰਤਿ-ਸ਼ਬਦ ਜੋਗ ਦਾ ਮਾਰਗ ਕਹਿੰਦੇ ਹਨ।

ਇਸੇ ਸ਼ਬਦ ਨੂੰ ਪ੍ਰਣਵ ਆਖਿਆ ਗਿਆ ਹੈ। ਜਿਸ ਨੂੰ ਕੰਨਾਂ ਨਾਲ ਨਹੀਂ ਪ੍ਰਣਾਂ ਨਾਲ ਸੁਣਿਆ ਜਾਂਦਾ ਹੈ। ਇਹ ਮਹਾਂ ਰਸ ਹੈ, ਏਹੋ ਅੰਮ੍ਰਿਤ ਹੈ। **“ਗੁਰ ਕਾ ਸ਼ਬਦੁ ਮਹਾ ਰਸ ਮੀਠਾ” ਐਸਾ ਅੰਮ੍ਰਿਤ ਅੰਤਰਿ ਡੀਠਾ।**

ਸ਼ਬਦ ਦੇ ਦੋ ਰੂਪ ਹੁੰਦੇ ਹਨ। ਉਂਜ ਤਾਂ ਇਹ ਇੰਦਰੀਆਂ ਦਾ ਵਿਸ਼ਾ ਨਹੀਂ, ਪਰ ਸ਼ਬਦ ਹੀ ਸਭ ਕਾਰਜਾਂ ਦਾ ਮੂਲ ਕਾਰਨ ਹੈ। ਇਹ ਪਕੜ ਤੋਂ ਪਰ੍ਹੇ ਤੇ ਅਤਿ ਸੂਖਮ ਹੈ।

ਇਹ ਅਣ ਬੋਲੀ ਭਾਸ਼ਾ ਹੈ। ਇਹ ਕਰਤਾਰੀ ਸ਼ਬਦ ਦਾ ਨਿਸ਼ਤਾਰੀ ਰੂਪ ਹੈ। ਸ਼ਬਦ ਬ੍ਰਹਮ ਜਦੋਂ ਜਨ-ਕਲਿਆਣ ਲਈ ਤੜਪਦਾ ਹੈ ਤਾਂ ਗੁਰੂ ਦੇ ਹਿਰਦੇ ਵਿੱਚ ਪ੍ਰਵੇਸ਼ ਕਰ, ਉਸ ਦੇ ਅੰਦਰੋਂ ਸੰਸਾਰ ਪ੍ਰਤਿ ਪ੍ਰਗਟ ਹੁੰਦਾ ਹੈ। **“ਸਤਿਗੁਰੁ ਵਿੱਚ ਆਪੁ ਰਖਿਉਨੁ ਕਰਿ ਪਰਗਟ ਆਖਿ ਸੁਣਾਇਆ।**

ਦਰਅਸਲ, ਤਾਂ ਇਹ ਸ਼ਬਦ ਹੀ ਗੁਰੂ ਹੈ। **“ਸ਼ਬਦ ਗੁਰੁ ਸੁਰਤਿ ਧੁਨਿ ਚੇਲਾ।**

ਜਦੋਂ ਇਹ ਅੱਖਰਾਂ ਦਾ ਰੂਪ ਧਾਰਨ ਕਰਦਾ ਹੈ ਤਾਂ ਇਹ ਬਾਣੀ ਕਹਾਉਂਦਾ ਹੈ। ਗੁਰੁ ਸ਼ਬਦ ਦਾ ਅਸਲ ਮਹੱਤਵ ਉਸ ਦੇ ਅੱਖਰਾਂ ਵਿੱਚ ਨਹੀਂ, ਅੱਖਰਾਂ ਪਿੱਛੇ ਵਰਤਦੇ ਰਹੱਸ ਵਿੱਚ ਹੈ। ਇਹ ਰਹੱਸ ਭਗਤਾਂ ਉਪਰ ਜੁਗੋ-ਜੁਗ ਆਪਣੇ ਆਪ ਨੂੰ ਪ੍ਰਗਟ ਕਰਦਾ ਹੈ। ਇਹ ਰਹੱਸ ਖੜੋਤ ਵਿੱਚ ਨਹੀਂ ਆਉਂਦਾ, ਸਗੋਂ ਹਰ ਨਵੇਂ ਜੁਗ, ਹਰ ਨਵੀਂ ਅਵਸਥਾ ਵਿੱਚ ਨਵਤਨ ਹੋ ਕੇ ਪ੍ਰਗਟ ਹੁੰਦਾ ਹੈ।

ਸੁਰਤਿ :- ਸੁਰਤਿ ਸ਼ਬਦ ਨੂੰ ਗ੍ਰਹਿਣ ਕਰਨ

ਦਾ ਸੰਜੀਵ ਉਪਕਰਣ ਹੈ। ਅੱਖਰੀ ਸ਼ਬਦ ਤਾਂ ਕੰਨਾਂ ਨਾਲ ਸੁਣਿਆ ਜਾ ਸਕਦਾ ਹੈ ; ਪਰ ਰਹੱਸਾਤਮਕ ਸ਼ਬਦ ਜੋ ਚੁੱਪ ਦੀ ਆਵਾਜ਼ ਹੈ, ਅੰਦਰ ਚੁੱਪ ਵਰਤਾ ਕੇ ਸੁਰਤਿ ਦੀ ਅਨੁਭਵਤਾ ਰਾਹੀਂ ਪ੍ਰਤੀਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ। ਐਸੀ ਇਕਾਤਾਰ ਸੁਰਤਿ ਨੂੰ ਹੀ 'ਲਿਵ' ਕਿਹਾ ਜਾਂਦਾ ਹੈ।

“ਗੁਰਮੁਖ ਸ਼ਬਦ ਸੁਰਤਿ ਲਿਵ ਲਾਏ।”

ਸਿਰਜਣਾ ਨੂੰ ਮਾਇਆਵੀ ਧਾਤੁਰਬਾਜ਼ੀ ਵਿੱਚ ਪੈਣ ਦੀ ਕਿਸਮਤ ਮਿਲੀ ਹੈ। ਇਸੇ ਨੂੰ 'ਧਾਤ' ਦੀ ਰਾਹ ਕਹਿੰਦੇ ਹਨ। ਇਸ ਦੀ ਲੋੜ ਸੰਸਾਰਕ ਕਾਰ-ਵਿਹਾਰ ਚਲਾਉਣ ਲਈ ਹੁੰਦੀ ਹੈ। ਅਸਲ ਵਿੱਚ ਲਿਵ ਤੇ ਧਾਤ ਦੇ ਦੋਵੇਂ ਰਾਹ ਦੈਣੀ ਹੁਕਮ ਵਿੱਚ ਚਲ ਰਹੇ ਹਨ। ਇਸੇ ਹੁਕਮ ਵਿੱਚ ਜੀਵ ਇਹਨਾਂ ਦੋਨਾਂ ਮਾਰਗਾਂ ਦੀ ਕਮਾਈ ਕਰਨ ਜੋਗੇ ਹੁੰਦੇ ਹਨ। ਪਰ ਅਸੀਂ ਬਹੁਤੇ ਪੰਦੇ-ਪਾਵਣੀ ਵਿੱਚ ਹੀ ਉਮਰ ਗੁਜ਼ਾਰ ਦਿੰਦੇ ਹਾਂ। ਕਿਸੇ ਵਿਰਲੇ ਦੇ ਮੰਨ ਵਿੱਚੋਂ ਹੀ ਆਵਾਜ਼ ਉਠਦੀ ਹੈ। ਆਤਮਿਕ ਖੋਹ ਜਾਗਦੀ ਹੈ। ਤੇ ਉਹ ਆਪਣੇ ਮੰਨ ਵਲੋਂ ਦੁਖੀ ਹੋ ਕੇ ਕਿਸੇ ਗੁਰੂ ਨੂੰ ਟੋਲਦਾ ਹੈ। ਉਸ ਦੇ ਦਰਸ਼ਨ ਪਰਸਦਾ ਹੈ। ਜਦ ਉਹ ਸ਼ਬਦ ਵੱਲ ਪਰਤਦਾ ਹੈ ਤਾਂ ਸ਼ਬਦ-ਸੁਰਤਿ ਮਾਰਗ ਦੇ ਅਭਿਆਸ ਵੱਲ ਪ੍ਰੇਰਿਆ ਜਾਂਦਾ ਹੈ।

ਪਿਆਰ ਤੇ ਭਗਤੀ ਦੇ ਭਾਵ ਸ਼ਾਮਿਲ ਹੋ ਜਾਣ ਤਾਂ ਇਹ ਲਿਵ ਹੋ ਜਾਂਦੀ ਹੈ। ਪਰ ਜਦੋਂ ਇਹ ਸਤਿ ਨਾਲ ਲਗਦੀ ਹੈ ਤੇ ਸਾਚੀ ਲਿਵ ਹੋ ਜਾਂਦੀ ਹੈ। ਸ਼ਬਦ ਸੁਰਤਿ ਦਾ ਮਾਰਗ ਲਿਵ ਦਾ ਮਾਰਗ ਹੈ। ਗੁਰਬਾਣੀ ਵਿੱਚ ਉਸ ਨੂੰ ਸੁਣਨ, ਮੰਨਣ ਤੇ ਮੰਨ ਵਿੱਚ ਵਸਾਉਣ ਦੀ ਪ੍ਰਕਿਰਿਆ ਕਿਹਾ ਗਿਆ ਹੈ।

“ਸੁਣਿਆ ਮੰਨਿਆ ਮਨਿ ਕੀਤਾ ਭਾਉ ਅੰਤਰ ਗਤਿ ਤੀਰਥਿ ਮਲ ਨਾਉ।”

ਲਿਵ ਤਾਂ ਇੱਕ ਟਕ ਇੱਕ ਥਾਂ ਕੇਂਦ੍ਰਿਤ

ਧਿਆਨ ਦਾ ਨਾਮ ਹੈ। ਪਰ ਲਹਿਰੀ ਪਿਆ ਮਨ ਟਿਕ ਕੇ ਬੈਠਦਾ ਹੀ ਨਹੀਂ। ਅਹੰਕਾਰ ਨਾਲ ਵੇੜਿਆ ਲਭ-ਲੋਭ ਮੋਹ ਮਮਤਾ ਵਿੱਚ ਪਾਈ ਫਿਰਦਾ ਹੈ। ਮੰਨ ਮਾਰੇ ਬਿਨਾਂ ਵਾਸ਼ਨਾਵਾਂ ਨਹੀਂ ਮੁਕਦੀਆਂ ਇਸ ਨੂੰ ਮਾਰਨ ਤੋਂ ਭਾਵ ਇਸ ਨੂੰ ਬਾਹਲ ਵੱਲ ਧਾਵਣ ਤੋਂ ਵਰਜ ਕੇ ਅੰਦਰ ਮੋੜਨਾ ਹੈ। ਜਦੋਂ ਅੰਦਰੋਂ ਵੈਰਾਗ ਉਤਪੰਨ ਹੁੰਦਾ ਹੈ ਤਾਂ ਇੱਕ ਆਤਮਿਕ ਖੋਹ ਜਾਗਦੀ ਹੈ ਤੇ ਉਹ ਆਪਣੇ ਮਨ ਵਲੋਂ ਦੁਖੀ ਹੋ ਕੇ ਗੁਰੂ ਨੂੰ ਟੋਲਦਾ ਹੈ।

ਅਨਹਦ ਸ਼ਬਦ :- ਇਹ ਸੂਖਮ ਪਰ ਸੰਜੀਵ ਸ਼ਬਦ ਹੈ। ਰਹੱਸ ਦੀ ਗੱਲ ਹੈ। ਰਹੱਸ ਭਰੇ ਸੰਗੀਤ-ਮਈ ਸੰਜੀਵ ਸ਼ਬਦ ਨਾਲ ਹੋਂਦ ਛਲਕ ਉਠਦੀ ਹੈ। ਫਿਰ ਪ੍ਰਾਣੀ ਇਸ ਅਵਸਥਾ ਵਿੱਚ ਪਹੁੰਚ ਜਾਂਦਾ ਹੈ। ਇਉਂ ਕਰਤਾਰੀ ਸ਼ਬਦ ਨਿਸਤਾਰੀ ਹੋ ਖੜੋਂਦਾ ਹੈ ਤੇ ਜੀਵ ਲਈ ਸਕਤੀ ਦਾ ਸਾਧਨ ਬਣਦਾ ਹੈ। ਅਪ੍ਰਗਟ ਸ਼ਬਦ ਗੁਰੂ ਦੇ ਹਿਰਦੇ ਵਿੱਚੋਂ ਪ੍ਰਗਟ ਹੋ ਜੀਵਾਂ ਦਾ ਉਧਾਰ ਕਰਦਾ ਹੈ ਤੇ ਉਹਨਾਂ ਨੂੰ ਆਦਿਸ ਦੈਵੀ ਸ਼ਬਦ ਨਾਲ ਫਿਰ ਤੋਂ ਜੋੜ ਜਾਂਦਾ ਹੈ। ਸੁਰਤਿ ਸ਼ਬਦ ਯੋਗ ਦਾ ਬੁਨਿਆਦੀ ਰਹੱਸ ਇਹੋ ਹੈ।

“The most important lesson that man can learn from life, is not that there is pain in this world, but that it is possible for him to transmute into joy”

-Rabindranath Tagore

ਰੋਕਾ

Dr. Babita Rana, Department of Botany

ਉੱਠ ਕਬਰ 'ਚੋ 'ਵਾਰਸਿ' 'ਬੁੱਲਿਆ'
ਮੀਆਂ ਮੁਹੰਮਦਾ, ਜਾਗ ਫਰੀਦਾ,
ਅੱਪੜ ਬਾਹੂ, ਬਹੁੜ-ਹੁਸੈਨਾ,
ਲਹਜਿਆਂ ਦੇ ਫੜ ਹੱਥੀ ਟੋਕੇ
ਥਾਉ ਥਾਈ ਉੱਠ ਖਲੋਤੇ
ਵੱਢੀਓ! ਖੇਡ ਵਗਿੜਨ ਲੱਗੇ
ਮੇਲਾ ਫੇਰ ਉਜਾੜਨ ਲੱਗੇ
ਸਦੀਆਂ ਦਾ ਪੰਜਾਬ ਤੁਹਾਡਾ
ਫਰਿ ਇੱਕ ਵਾਰੀ ਵੰਡਣਾ ਚਾਹੁੰਦੇ
ਆਪਣੇ ਘਰ ਨੂੰ ਵੰਡਣਾ ਚਾਹੁੰਦੇ।
ਰੱਖ ਬੰਦੂਕਾਂ ਤੁਹਾਡੇ ਮੋਢੇ
ਆਪਣਾ ਕੱਦ ਵਧਾਉਣਾ ਚਾਹੁੰਦੇ
ਕੱਢ ਤੁਹਾਨੂੰ ਵਚਿ ਸਮੁੰਦਰੇ
ਆਪਣਾ ਨਾਂ ਚਮਕਾਉਣਾ ਚਾਹੁੰਦੇ।
ਇਹ ਮੈਂ ਕੀੜੇ ਨਜ਼ਾਰਾ ਵੇਖਾਂ,
ਚੰਨ ਦੇ ਬਦਲੇ ਤਾਰਾ ਵੇਖਾਂ
ਇਹ ਮੈਂ ਕੀੜੇ ਨਜ਼ਾਰਾ ਵੇਖਾਂ,
ਚੰਨ ਦੇ ਬਦਲੇ ਤਾਰਾ ਵੇਖਾਂ
ਸਾਡਾ ਵਰਿਸਾ ਮੁੱਖ ਤੁਸੀ,
ਸਾਡੇ ਸਰਿ ਦੇ ਰੁੱਖ ਤੁਸੀ।
ਨਵੇਂ ਮਦਾਰੀ ਆ ਕੇ ਤੱਕੇ
ਜਵਿੰ ਡੱਕੇ ਜਾਂਦੇ ਡੱਕੇ।
ਅਜੇ ਤਾਂ ਪਛਿਲੀ ਵੰਡ ਨਹੀ ਭੁੱਲੀ,
ਬੁਥੇ ਵੱਜੀ ਚੰਡ ਨਹੀ ਭੁੱਲੀ।

ਜੁਗਤਿ ਕੀ ਹੈ ?

Mrs. Bhupinder Kaur, HOD Department of Punjabi

ਜੁਗਤਿ ਦੇ ਸਾਧਾਰਨ ਅਰਥ ਹਨ :- ਜਾਚ, ਢੰਗ, ਤਰੀਕਾ, ਰੀਤੀ ਅਥਵਾ ਰੀਤੀ-ਵਿਧਾਨ । ਖੁਲੇ ਅਰਥਾਂ ਵਿੱਚ ਇਹ ਕਿਸੇ ਮੰਤਵ ਦੀ ਪੂਰਤੀ ਹਿਤ ਕਿਸੇ ਕਿਰਿਆ ਨੂੰ ਉਚਿਤ ਤਰਤੀਬ ਦੇਣ ਜਾਂ ਉਚਿਤ ਢੰਗ ਨਾਲ ਨਜਿੱਠਣ ਦੇ ਢੰਗ ਦਾ ਨਾਮ ਹੈ । ਵੱਖ-ਵੱਖ ਅਰਥਾਂ ਵਿੱਚ ਇਸ ਦੀ ਵਿਆਖਿਆ ਹੋਈ ਹੈ ।

ਜੀਅ ਕੀ ਜੁਗਤਿ :- ਇੱਕ ਜੁਗਤਿ ਜੀਵਾਂ ਪਾਸ ਆਪਣੀ ਜਿੰਦਗੀ ਬਿਤਾਉਣ ਦੀ ਹੈ । ਇੱਕ ਸਾਧਾਰਨ ਜੁਗਤ 'ਧਾਤ' ਦੀ ਜੁਗਤਿ ਹੈ । ਇਹ ਕਾਮਨਾਵਾਂ ਦੇ ਅੱਡੇ ਚੜੀ, ਅਧਿਆਤਮਕ ਪੱਖੋਂ ਨਾ-ਮਰਜਾਦ ਜਿੰਦਗੀ ਹੈ, ਜੋ ਸਾਨੂੰ ਜਨਮ-ਮਰਨ ਦੇ ਚੱਕਰਾਂ ਵਿੱਚ ਭਟਕਾਈ ਫਿਰਦੀ ਹੈ । ਲੋਭ-ਮੋਹ ਆਦਿ ਵਿੱਚ ਫਸੀ ਇਸ ਜੁਗਤਿ ਵੱਲ ਇਸ਼ਾਰਾ ਕਰਦਿਆਂ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਕਹਿੰਦੇ ਹਨ :- **“ਇਆਹੂ ਜੁਗਤਿ ਬਗਾਨੇ ਕਈ ਜਨਮ”**

ਜੀਅ ਦੀ ਜੁਗਤਿ ਦਾ ਅਰਥ ਹੈ ਐਸੀ ਅਧਿਆਤਮਕ ਮਰਿਆਦਾ ਨਾਲ ਜਿੰਦਗੀ ਬਿਤਾਉਣ ਦੀ ਜੁਗਤਿ ਜਿਸ ਰਾਹੀਂ ਸੱਚ ਨਾਲ ਸੁਨਾਸਾਈ ਹੋ ਸਕੇ :- **“ਸਚੁ ਤਾ ਪਰੁ ਜਾਣੀਐ ਜਾ ਜੁਗਤਿ ਜਾਣੈ ਜੀਉ”**

ਜਿੰਦਗੀ ਬਿਤਾਉਣ ਦੀ ਅਸਲ ਮਰਿਆਦਾ ਵਾਹਿਗੁਰੂ ਜੀ ਦੇ ਹੁਕਮ ਨੂੰ ਪਛਾਣਨ, ਉਸ ਦੀ ਮਸਤੀ ਹੰਢਾਉਣ ਤੇ ਹੁਕਮ ਦੀ ਪਾਲਣਾ ਕਰਨ ਵਿੱਚ ਹੈ ।

ਆਤਮ ਦੀ ਜੁਗਤਿ :- ਆਤਮ ਦੀ ਜੁਗਤਿ ਕਿਸੇ ਸੰਪਦਾਇ ਦੀ ਰਾਂਖਵੀ ਜੁਗਤਿ ਨਹੀਂ ਹੈ । ਆਤਮ ਕੀ ਜੁਗਤਿ ਦੇ ਬੇਅੰਤ ਸਾਧਨ ਹਨ । ਰਸਤੇ ਅਨੇਕ ਹਨ, ਪਰ ਮੰਜ਼ਿਲ ਇਕੋ ਹੈ ।

“ਅਨਿਕ ਸਾਸਤ੍ਰ ਸਿਮ੍ਰਿਤਿ ਪੁਰਾਨ ॥ ਅਨਿਕ ਜੁਗਤਿ ਹੋਵਤ ਬਖਿਆਨ ॥

ਵੇਦ, ਪੁਰਾਣ, ਸਿੰਮ੍ਰਿਤੀਆਂ ਅਤੇ ਕੁਰਾਨ, ਹਦੀਸ ਆਦਿ ਕਤੇਬਾਂ ਨਿੰਦਣ ਜੋਗ ਵਸਤਾਂ ਨਹੀਂ ਵਿਚਾਰਨ ਜੋਗ ਵਸਤਾਂ ਹਨ । ਜਿਵੇਂ ਭਗਤ ਕਬੀਰ ਜੀ ਕਹਿੰਦੇ ਹਨ :- **“ਬੇਦ ਕਤੇਬ ਕਹਹੁ ਮਤ ਝੂਠੇ ਝੂਠਾ ਜੋ ਨਾ ਬਿਚਾਰੈ”** ਧਾਰਮਿਕ ਪੁਸਤਕਾਂ ਦਾ ਗਿਆਨ ਪ੍ਰਾਪਤ ਕਰਨਾ ਆਤਮ ਦੀ ਜੁਗਤਿ ਨਹੀਂ ਹੈ । ਮੂੰਹ ਦੀਆਂ ਗੱਲਾਂ ਨਾਲ ਗਿਆਨ ਨਹੀਂ ਹੁੰਦਾ, ਨਾ ਹੀ ਸਾਸਤਰਾਂ ਦੀਆਂ ਕਈ ਪ੍ਰਕਾਰ ਦੀਆਂ ਯੁਕਤੀਆਂ ਨਾਲ ਹੀ ।

ਜੋਗ-ਜੁਗਤਿ :- ਜੋਗ ਦਾ ਅਰਥ ਜੁੜਨਾ ਹੈ । ਇਸ ਨਾਤੇ ਜੋਗ-ਜੁਗਤਿ ਵਾਹਿਗੁਰੂ ਨਾਲ ਜੁੜਨ ਦੀ ਜੁਗਤਿ ਹੈ । ਪਰ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਤੇ ਬਾਬਾ ਸ੍ਰੀ ਚੰਦ ਜੀ ਦੇ ਸਮੇਂ ਵਿੱਚ ਨਾਥਾਂ ਜੋਗੀਆਂ ਦਾ ਬੜਾ ਬੋਲ ਬਾਲਾ ਸੀ । ਤੇ ਲੋਕ ਉਨਾਂ ਦੀ ਮਰਿਆਦਾ ਨੂੰ ਹੀ ਜੋਗ ਜੁਗਤਿ ਸਮਝਣ ਤੇ ਆਖਣ ਲੱਗ ਪਏ ਸਨ । ਪਰ ਗੁਰੂ ਜੀ ਸਮਝਦੇ ਸਨ ਕਿ :- **“ਜੋਗੀ ਜੁਗਤਿ ਨ ਜਾਣੈ ਅੰਧੁ”**

ਅਸਲ ਵਿੱਚ ਜਾਗਣਾ ਤੇ ਵਾਹਿਗੁਰੂ ਨਾਲ ਜੁੜਨਾ ਹੀ ਜੋਗ-ਜੁਗਤਿ ਹੈ । ਜੇਕਰ ਅਸਲ ਜੋਗ ਵਾਹਿਗੁਰੂ ਜੀ ਨਾਲ ਮਿਲਾਪ ਕਰਾਉਂਦਾ ਹੈ ਤਾਂ ਅਵੱਸ ਸਭਸ ਵਿੱਚ ਵਾਹਿਗੁਰੂ ਦੀ ਹੋਂਦ ਪ੍ਰਤੱਖ ਕਰ ਵਿਖਾਉਂਦਾ ਹੈ । ਐਸਾ ਜੋਗੀ ਤਾਂ ਅਵੱਸ ਸਮ-ਦ੍ਰਿਸ਼ਟਾ ਹੋ ਨਿਬੜਦਾ ਹੈ ।

ਭਗਤਿ ਜੁਗਤਿ :- ਗੁਰਮਤਿ ਵਿੱਚ ਸਭ ਤੋਂ ਸੌਖੀ ਜੁਗਤਿ ਭਗਤੀ ਦੀ ਜੁਗਤਿ ਦ੍ਰਿੜ ਕਰਵਾਈ ਹੈ । ਇਹ ਪ੍ਰੇਮ ਦੀ ਜੁਗਤਿ ਹੈ, ਬੈਰਾਗ ਦੀ ਜੁਗਤਿ ਹੈ । ਜਦ ਤੀਕ ਭਗਵਾਨ ਦੀ ਪ੍ਰੇਮਾ ਭਗਤਿ ਦੀ ਜੁਗਤੀ ਨਹੀਂ ਜਾਣੀ ਜਾਂਦੀ, ਜਪ-ਤਪ ਆਦਿ ਸਭ ਕਰਮ ਨਿਸਫਲ ਰਹਿੰਦੇ ਹਨ । ਜਦ ਭਗਤੀ ਦੀ ਜੁਗਤੀ ਆ

ਜਾਂਦੀ ਹੈ ਤਾਂ ਮਤਿ ਸੱਚ ਵਾਲੀ ਹੋ ਜਾਂਦੀ ਹੈ । ਜਦ ਭਰਮ ਦੇ ਬੰਧਨ ਤੇ ਵਿਕਾਰ ਕੱਟੇ ਜਾਂਦੇ ਹਨ ਤਾਂ ਜੀਵ ਹਰੀ ਵਿੱਚ ਵੱਸ ਕੇ ਮਨ ਦੇ ਪ੍ਰੇਮ ਨਾਲ ਉਸ ਨੂੰ ਪ੍ਰਾਪਤ ਹੋ ਜਾਂਦਾ ਹੈ ਤੇ ਨਿਰਗੁਣ ਸਰੂਪ ਵਾਹਿਗੁਰੂ ਦੇ ਗੁਣਾਂ ਵਿੱਚ ਮਹਾਨ ਹੋ ਜਾਂਦਾ ਹੈ । ਭਗਤਿ ਦੀ ਜੁਗਤਿ ਦਾ ਨਾਮ ਸਿਮਰਨ ਦੀ ਜੁਗਤਿ ਹੈ ਤੇ ਨਾਮ ਗੁਰੂ ਪਾਸੋਂ ਪ੍ਰਾਪਤ ਹੁੰਦਾ ਹੈ । ਭਗਤੀ ਦੀ ਜੁਗਤਿ ਤਾਂ ਪੂਰਬਲੇ ਕਰਮਾਂ ਸਦਕਾ ਗੁਰੂ ਕ੍ਰਿਪਾ ਤੋਂ ਹੀ ਪ੍ਰਾਪਤ ਹੁੰਦੀ ਹੈ ।

ਪੂਰਨ ਜੁਗਤਿ ਦੀ ਗੱਲ ਉਦੋਂ ਹੀ ਬਣਦੀ ਹੈ ਜਦੋਂ ਪੂਰਨ ਤੌਰ ਤੇ ਆਤਮ ਸਮਰਪਣ ਕਰੀਏ ਤੇ ਪ੍ਰਭੂ ਭਗਤਿ ਵਿੱਚ ਲੱਗੀਏ । ਇਸ ਪੂਰਨ-ਵਿਧੀ ਨਾਲ ਸਰੀਰਕ, ਮਾਨਸਿਕ ਤੇ ਅਧਿਆਤਮਕ ਸਭ ਪ੍ਰਕਾਰ ਦੇ ਸੁੱਖਾਂ ਦੀ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਹੋ ਜਾਂਦੀ ਹੈ । ਜਦ ਸਰਬ ਸੁੱਖਾਂ ਨਾਲ ਸ਼ਨਾਸਾ ਹੋ ਜਾਈਏ ਤਾਂ ਮਨ ਸੁੱਖਾਂ ਦੇ ਸ਼੍ਰੋਤ ਨਾਲ ਜੁੜਦਾ ਹੈ । ਤਦ ਪ੍ਰਤੀਤ ਹੁੰਦਾ ਹੈ ਕਿ ਸਾਰੇ ਸੁਖ ਪ੍ਰਭੂ ਦੀ ਆਗਿਆ ਰਾਂਗੀ ਪ੍ਰਾਪਤ ਹੁੰਦੇ ਹਨ । ਜਦੋਂ ਅਵਸਥਾ ਆਸਾ-ਨਿਰਾਸ਼ਾ ਤੋਂ ਉਪਰ ਉੱਠ ਜਾਂਦੀ ਹੈ, ਲਿਵ ਪ੍ਰਭੂ ਦੇ ਚਰਨਾਂ ਵਿੱਚ ਜੁੜ ਜਾਂਦੀ ਹੈ, ਮੰਨ ਸਹਿਜ ਅਵਸਥਾ ਵਿੱਚ ਆ ਜਾਂਦਾ ਹੈ ਤੇ ਆਤਮਾ ਵੀ ਪਰਮਾਤਮਾ ਵਿੱਚ ਲੀਨ ਹੋ ਜਾਂਦੀ ਹੈ । ਇਹ ਮਾਰਗ ਹੀ ਕਲਿਆਣ ਦਾ ਮਾਰਗ ਹੈ । ਇਸ ਜੁਗਤਿ ਦੀ ਪ੍ਰਾਥਮਿਕਤਾ ਗੁਰਮਤਿ ਅੰਦਰ ਵੀ ਤੇ ਉਦਾਸੀ ਸੰਪ੍ਰਦਾਇ ਅੰਦਰ ਵੀ ਪ੍ਰਵਾਨ ਕੀਤੀ ਗਈ ਹੈ ।

DEPARTMENT REPORTS

ENGLISH

Faculty Achievements

Dr. Yogesh Anvekar

- ⦿ Delivered guest lectures for MA IDOL
- ⦿ Attended a Seminar on Contribution of Shaheed Bhagat Singh to India's Freedom Movement and His Contemporary Significance
- ⦿ Member of BoS of Dr. Homi Bhabha State University Mumbai to draft the syllabus of the paper of *Creative Writing* in the Two-Year Master's degree course of MA Honours with Research in English Language and Literature
- ⦿ Member of BoS of Dr. Homi Bhabha State University Mumbai to draft the syllabus of the papers of English Poetry -I and English Poetry -II in the Two-Year Master's degree course of MA Honours with Research in English Language and Literature
- ⦿ Member of BoS of Dr. Homi Bhabha State University Mumbai to draft the syllabus of the paper of "Classical Literature" in the Two-Year Master's degree course of M. A. Honours with Research in English Language and Literature.
- ⦿ Member of BoS of Dr. Homi Bhabha State University Mumbai to draft the syllabus of the paper of English Fiction and Prose-I and English Fiction and Prose-II in the Two-Year Master's degree course of MA Honours with Research in English Language and Literature
- ⦿ Member of Syllabus subcommittee for MA – Sem. III Elective Course Paper No. X B- European Literature in English Translation, University of Mumbai
- ⦿ Conducted a two-day UGC NET Workshop at R J College in March 2022

Dr. Shubha Mukherjee

- ⦿ In the Interview Panel for enrollment of PhD candidates in the Department of English, University of Mumbai (3 days) from 28th July 2021 to 30th July 2021.

- ⦿ Published a paper '*Celestial Catastrophe and Divine Justice in The Forest of Enchantments* in the Online International Interdisciplinary Research Journal Volume 11/ Issue – 4 [ISSN 2249-9598 (Online)] July-August 2021.
- ⦿ Guide for the Research Scholar, Mrs Munmy Baruah, who was awarded the PhD Degree on 18th November 2021.
- ⦿ Member of the Syllabus Sub-Committee for MA Sem III – Mythology and Literature (University of Mumbai)
- ⦿ Member of the Syllabus Sub-Committee for MA Sem IV – English Language Teaching (University of Mumbai)
- ⦿ Member of the Syllabus Sub-Committee for MA Sem III – Elective Course Paper XI(A) – Genre Studies – Poetry (University of Mumbai)

मराठी

विद्यार्थी निकाल - तृतीय वर्षाच्या अंतिम परीक्षेला १६ विद्यार्थी प्रविष्ट झाले, त्यापैकी १४ उत्तीर्ण झाले. मराठी विभागाचा अंतिम निकाल ८७.५ टक्के लागला. कोरोना नंतर महाविद्यालय सुरू झाल्यावर पहिलाच कार्यक्रम मराठी भाषा पंधरवडा आणि भाषा दिवस हा होता. ही दोन्ही कार्यक्रम विभागातर्फे उत्तमपणे साजरे झाले.

विविध कार्यक्रम आयोजन

- ⦿ मराठी भाषा संवर्धन पंधरवडा दि. २४ ते २८ जानेवारी २०२२ दरम्यान उत्साहात साजरा झाला. या अंतर्गत खालील कार्यक्रम आयोजित करण्यात आले.
 - दि. २४ जानेवारी : स्पर्धा परीक्षा आयोजन आणि दिशा या विषयासंदर्भात श्री. नवनाथ लाड यांनी विद्यार्थ्यांना मार्गदर्शन केले.
 - दि. २५ जानेवारी : भाषिक कौशल्यांची आवश्यकता याविषयावर डॉ. निधी पटवर्धन (रत्नागिरी) यांचे व्याख्यान झाले.
 - दि. २७ जानेवारी : 'आमची (ही) मराठी' हा अमराठी भाषिकांशी संवादाचा कार्यक्रम झाला. यामध्ये डॉ. रविंदर कौर चिमा आणि श्रीमती सिंधू मधुसूदन यांनी सहभाग घेतला.
 - दि. २८ जानेवारी : मालिका लेखन – एक तारेवरची कसरत

या कार्यक्रमात 'रात्रीस खेळ चाले' या मालिकेचे लेखक प्रल्हाद कुरतडकर यांनी विद्यार्थ्यांशी संवाद साधला.

- ⊙ मराठी भाषा दिनानिमित्त दि. २५ आणि २८ फेब्रुवारी २०२२ दरम्यान विविध कार्यक्रमांचे आयोजन करण्यात आले.
 - दि. २५ फेब्रुवारी : विद्यार्थ्यांकरिता विविध स्पर्धांचे आयोजन करण्यात आले. यात पुढील विद्यार्थ्यांनी यश मिळवले.
 - चारोळी लेखन
 - » प्रथम क्रमांक : मल्लिका जयश्री सिद्धार्थ (द्वितीय वर्ष कला)
 - » द्वितीय क्रमांक : वैभववी यादव (तृतीय वर्ष कला)
 - » तृतीय क्रमांक : प्रतीक कदम (तृतीय वर्ष कला)
 - बोलकी चित्रे
 - » प्रथम क्रमांक : तेजस बांदेकर (तृतीय वर्ष कला)
 - » द्वितीय क्रमांक : मल्लिका जयश्री सिद्धार्थ (द्वितीय वर्ष कला)
 - » तृतीय क्रमांक : दिपाली राजेश पाल (तृतीय वर्ष कला)
 - वादविवाद
 - » प्रथम क्रमांक : हर्षदा आचरेकर (तृतीय वर्ष कला), गायत्री सावळे (द्वितीय वर्ष कला)
 - » द्वितीय क्रमांक : आर्या कुलकर्णी (प्रथम वर्ष कला), श्रावणी कदम (प्रथम वर्ष कला)
 - » तृतीय क्रमांक : रेनिशा डिसूझा (तृतीय वर्ष कला), दिपाली

राजेश पाल (तृतीय वर्ष कला)

- पत्रलेखन
 - » प्रथम क्रमांक : तुषार मोरे (द्वितीय वर्ष कला)
 - » द्वितीय क्रमांक : रोहन कदम (तृतीय वर्ष कला)
 - » तृतीय क्रमांक : सृष्टी कदम (द्वितीय वर्ष कला)
- दि. २६ फेब्रुवारी : ग्रंथालयात मराठीतील विविध विषयांवरील पुस्तकांचे प्रदर्शन भरविण्यात आले. पुस्तक प्रदर्शनाचे उद्घाटन उपप्राचार्या डॉ. द्रविंदर कौर भसीन यांच्या हस्ते झाले. महाविद्यालयीन विद्यार्थ्यांनी बहुसंख्येने या प्रदर्शनाचा लाभ घेतला.
- दि. २८ फेब्रुवारी : मराठी भाषा दिनानिमित्त विद्यार्थ्यांच्या काव्यवाचनाचा कार्यक्रम आयोजित करण्यात आला. यावेळी विविध स्पर्धांच्या बक्षिसांचे वितरण करण्यात आले. यावेळी प्रथम, द्वितीय आणि तृतीय वर्षांचे सुमारे ६० विद्यार्थी तसेच माजी विद्यार्थीही उपस्थित होते.

विद्यार्थी सहभाग

- ⊙ गुरु नानक खालसा (स्वायत्त) महाविद्यालय आणि डाफोडिल युनिव्हर्सिटी, ढाका (बांग्लादेश) यांच्या संयुक्त विद्यमाने आयोजित केलेल्या आंतरराष्ट्रीय पीपीटी सादरीकरण स्पर्धेत रोहन कदम (तृतीय वर्ष कला) यास प्रथम पारितोषिक

शिक्षकांचे योगदान

डॉ. पद्मजा कुलकर्णी

SR. NO.	DATE	DAY	VENUE	SEMINAR/ WORKSHOP	TOPIC
1	१२-२१ जून	१०	कला, वाणिज्य व विज्ञान महाविद्यालय, लांजा आणि मराठी विभाग, मुंबई	१० दिवसीय आभासी कार्यशाळा	भाषिक कौशल्ये विकास
2	१३ जुलै	1	द. ग. तटकरे महाविद्यालय, रायगड आणि मराठी अभ्यास मंडळ, मुंबई विद्यापीठ	एक दिवसीय आभासी कार्यशाळा	SYBA-पुनर्रचित अभ्यासक्रम
3	१२-१७ जुलै	6	डॉ. बाबासाहेब आंबेडकर कला, वाणिज्य महाविद्यालय, औरंगाबाद	६ दिवसीय आभासी कार्यशाळा	मराठी भाषा व साहित्याचे आधुनिक तंत्र स्नेही अभ्यापान कार्यशाळा
4	२० जुलै	1	कला, वाणिज्य महाविद्यालय, फोंडा घाट - आणि मराठी अभ्यास मंडळ, मुंबई विद्यापीठ	एक दिवसीय आभासी कार्यशाळा	TYBA Paper - VIII पुनर्रचित अभ्यासक्रम
5	30 जुलै	1	गुरु नानक खालसा महा. मुंबई	एक दिवसीय आभासी कार्यशाळा	New amendments in Career Advancement Scheme (CAS) as per 7 th Pay Commission
6	२९ सप्टेंबर	1	दादा पाटील राजळे कला, विज्ञान आणि वाणिज्य महाविद्यालय, अहमदनगर	एक दिवसीय आभासी कार्यशाळा	मराठी भाषा - पुनर्रचित अभ्यासक्रम

सायली पिळणकर

- मराठी भाषा दिनानिमित्त दि. २५ आणि २८ फेब्रुवारी २०२२ दरम्यान विविध कार्यक्रमांचे आयोजन करण्यात आले तसेच विद्यार्थ्यांकरिता विविध स्पर्धांचे आयोजन करण्यात आले होते.
- त्यातील चारोळी लेखन , वादविवाद , बोलकी चिन्ने आणि पत्र लेखन इ. स्पर्धांचे आयोजन.
- विभागातील सर्व कार्यक्रमांच्या तंत्रज्ञानाची जबाबदारी.

HINDI

- Special Lecture by Dr. Sunita Khatri, editor monthly Journal Akshara, on the topic Hindi *Vartaman Aur Bhavishya* was organized for the UG & PG students on 17th September 2021.
- On the occasion of Hindi Divas *Chatra Kavi Sammelan* was organized.
- Guest Lecture by Dr. Prakash Dhumal on the topic *Bhasha Aur Vyaakrn* for the TYBA & MA students was organised on 18th and 22nd December 2021 .
- On the occasion of Women's Day a guest lecture by Dr. Arpita Sharma was organised on the topic *Stri Shasktikaran Aur Shiksha* on 8th March 2022.

Students' Achievements

- Prashant Kumar Yadav won the first prize for Poetry Competition organised by Smt. MMP Shah College.
- Dr. M. K. Rai and Research Scholar Pavan Kumar Pandey published a Research Paper on the topic *Kunwarnarayan ki Kavya Drusti Aur Srushti* in Bohal Shodh Manjusha an international peer reviewed refereed research journal Volume - 15, Issue-1(3), January 2021, pg 25-30 ISSN 2395-7115
- Research Scholar Manoj Shaw published a Research Paper on the topic *Digital Banking ke Kuch Mahattavpurn Utpad Evam Cyber Suraksha* in RBI Journal *Banking Chintan-Anuchintan*, April-Sept 2021, 33 Issue 02 pg 40-48 ISSN 2457-015X
- Kamal Afrin won the first prize for Inter-collegiate Elocution competition organized by Smt MMP Shah College on 16th September 2021.
- Dr. M.K.Rai and Research Scholar Gautmi Patil published a Research Paper on the topic *Laxminarayan Lal ke Natkon Mein Abhivyakt Samvaidhanik Mulya*

in Aayushi International Interdisciplinary Research Journal Peer review and Indexed Journal, 26th November 2021 Special Issue Number 100 pg 204-212 ISSN 2349-638X

- TYBA and MA students participated in a workshop on the topic *Pathkatha lekhan* organized by Smt MMP Shah College on 25th February 2022.
- Sarita Sharma & Kamal Afrin from MA presented Research Paper on Hindi *Upanyas ke Vividh Shilp aur Aayam* organised by Smt MMP Shah College on 26th March 2022. Sarita Sharma won the 2nd prize.
- Dr. M.K.Rai and Research Scholar Pavan Kumar Pandey published a Research Paper on the topic *Atmjai Mein Yugbodhiya Chetana* in UGC Care Listed Research Journal *Aashwast* May 2022, 24 Issue 223 Number pg 13-15 ISSN 2456-8856

Faculty Achievements**Dr. Ratna Sharma**

- Published a paper on *Raji Seth Ki Kahaniyon Mein Samvedna* in Akshara Multidisciplinary Research Journal -Special Issue 02 Vol VI September 2021 (21vi Shadi ke Hindi Sahitya Mein Mahila Lekhan ki Bhumika) in pg. 170-172
- Published a research paper on a topic of *Neerja Madhav ke Yamdeep Mein Abhivyakt Kinnar Vimarsh Ki Katha Evam Vyatha* in bohal Shodh Manjusha an international peer reviewed & amp; refereed research journal Volume - 12, Issue-3, 2021
- Published a research article *Mahaveerprasad Divedi ki Bhasik Drushti* in research journal SJMIT July-September 2021
- Published a research article *Uttarshati ke Upanyason Ki Bhasa : Chalk ke Vishesh Sandarbha Mein* in Akshara multidisciplinary peer reviewed journal October 2021
- Published a research article *Lokgeet Kajari Ka Samsamaik Sandarbha* in Nootanvagdhara, Peer reviewed journal, December 2021
- BoS Committee Member as a VC nominee, Department of Hindi, Sathey College.
- Guided Ms Alpna Dixhit who was awarded PhD Degree.

Dr. M. K. Rai

- Published a research paper on *Aaj Ki Hindi Kavita Mein Paryavaran : Samasya Aur Sanrakshan* (Book ed. by Dr. Sunita Awasthi & Pooja Varun) pg 2021 ISBN 978-81-953150-3-1
- Published a research paper on *Meenakshi Swami Krut Bhulbhal Upannyas Mein Kanoon Vyavastha Banam Janchetna-* Akshara Multidisciplinary Research Journal -Special Issue 02 Vol VI September 2021 pg.51-54 E-ISSN 2582-5429
- Published a research paper on *Meenakshi Swami Ke Katha Sabitya Mein Stree Shasaktikaran* in *Gagnanchal* - 44 Issue 5 September-October 2021 pg 55-59 ISSN 0971-1430
- Published a research paper on *Jan Virodhi Samasya Ka Aadhunik Samadhan:Ek Chakranagari in monthly research journal Aashwast* - 24 Issue 216 October 2021 pg 16-19 ISSN 2456-8856
- Published a research paper on *Geetkar Bacchan : Ek Navmulyankan* in monthly journal Akshara - Issue 200 November 2021 pg 62-64 ISSN 2456-7167
- Published a research paper on *Ramkatha Per Adharit Samkaleen Kavya Natakon Mein Dwanddva* in *Visvabharti Patrika* Vol 79 issue 2 October -December 2021 pg. 55-63 ISSN 2348-4977
- Delivered a lecture on the topic *Sathottari Hindi Kavita Mein Yuva Aakrosh Mithak Ke Sandarbh Mein* in National e-Seminar organized by Bangad Government PG College, Pali Rajasthan on 11th March 2022.
- Presented a research paper on the topic *Ekkisvin sadi ki mahila kathakar* in a one-day national seminar organized by M.D.College Mumbai on 30th March 2022.

HISTORY

- Teachers' Day was celebrated by TYBA History students in association with Lunar Foundation wherein note books and stationery were distributed to the children at Lunar Foundation Shelter on 5th September 2021.
- A Webinar was conducted by Ms. Bharti Kaddi on *Kotak Education Foundation: Awareness Campaign* about the scholarship provided for the underprivileged students on 28th October 2021. 55 students benefitted.
- A Video Making Competition was organized on the occasion of Guru Nanak Jayanti on 19th November 2021.
- Christmas was celebrated with the Street Kids of 'Astrungung United', an NGO run by our Alumnus Nanu Raul, on 23rd December 2021. 25 Students from TYBA History and 50 children from the NGO participated in the event.
- In association with the Sikh Heritage Museum organized the Second Certificate Course on the 'Basics of Sikhism' from 8th October 2021 to 24th January 2022. 30 students benefitted.
- Organized the First Certificate Course on *Tourism and Heritage of Mumbai* from 5th January 2022 to 23rd May 2022. 36 students benefitted.
- In association with College Library organized the First Certificate Course on "Library and Information Sciences" from 26th April to 15th May 2022. 28 students benefitted.
- The Department of History and the Alumni organized a farewell function for Dr. Ravinder Kaur Cheema on 1st May 2022.

Students' Achievements

- Renisha Olga D'souza of TYBA History won the 2nd prize in the Inter-collegiate co-curricular PPT Competition on *Connecting Family: Heirlooms and their Significance* held on 14th November 2021 organized by V.G. Vaze College, Mulund.
- Nidhi Naik of FYBA won the 1st Prize in the inter-collegiate T-shirt Painting Competition at *Avsar* organized by K. J. Somaiya College on 11th & 12th February 2022.
- Aditya Hulikal of FYBA won the 1st Prize in the inter-collegiate Elocution Competition at *Avsar* organized by K. J. Somaiya College on 11th & 12th February 2022.
- Aditya Hulikal of FYBA won the 1st Prize in the inter-collegiate Essay Competition at *Avsar* organized by K. J. Somaiya College on 11th & 12th February 2022.
- Deepika Naik and Dipali Pol of TYBA History participated as volunteers and visited Vikramgarh

village through Kaash Foundation (NGO) on 19th February 2022. The visit was organized to provide food and free medical check up to the children of the village.

Faculty Achievements

Dr. Ravinder Kaur Cheema

- ⦿ Took charge as Head of the Department of History from June 2021
- ⦿ Guest Speaker at *Marathi Bhasha Savardhan Pandhravada* organised by the Department of Marathi on 27th January 2022.
- ⦿ Appointed as Vice- Principal of Arts Faculty from March 2022
- ⦿ Invited as Subject expert in History, as Management Representative for CAS at Guru Nanak College, GTB, Sion.
- ⦿ Appointed on the editorial board as Associate Editor, International Journal of Emotions, Expressions Dimensions (IJEED), Multidisciplinary Quarterly Journal.
- ⦿ Participated in the screening and review of a film based on history as a subject expert on 1st April 2022 held by Central Board of Film Certification, Ministry of Information and Broadcasting.

Ms. Manisha Saindane

- ⦿ Appointed as a member of the Board of Studies in the subject History at Sophia College, Mumbai from the academic year 2021-22 for a period of 3 years.
- ⦿ Guest Speaker on *Movement against Apartheid in and outside South Africa* at V.G. Vaze College, Mulund on 31st July 2021.

PHILOSOPHY

- ⦿ Conducted an online college level webinar titled *First Impression* on 6th January 2022, by Bhavna Suleria, Behavioural trainer & Coach associated with Simply Body Talk organisation.
- ⦿ *Amrit Prabha* international level webinar based on India -Bangladesh students idea exchange was held on 23rd February 2022.

Faculty Achievements

Dr. Davinder Pal Kaur Bhasin

- ⦿ Invited by the Department of Inter-Religious Studies, St. Xavier's College (Autonomous) Mumbai to deliver a lecture series on Sikhism on October 28th, 29th & 1st November 2021.
- ⦿ Appointed as the Member, BoS (Management nominee) for Philosophy at Sophia College (Autonomous) 27th January 2022.

Ms. Rajashree Kolhatkar

- ⦿ Appointed as a field coordinator for monitoring and evaluation of Extension work activities for the academic year 2021-22.
- ⦿ Participated in the *Demystifying Emotional Intelligence* webinar organized by 5-year Integrated Course in Bioanalytical Science, Khalsa College on 3rd July 2021.
- ⦿ Participated in the webinar on *Uncovering the Mystery of Yoga and Tantra Philosophy* conducted by Department of Philosophy Mithibai College on 10th July 2021.
- ⦿ Participated in an online National Seminar on *Rejuvenating Quality in Higher Education Institutions* organized by National Association and Accreditation Council (NAAC), Bangalore on 15th July 2021.
- ⦿ Participated in the Three-Day National Webinar on *Advaita Vedanta of Shankaracharya* organized by Department of Philosophy M.J. College (Jalgaon) from 20th – 22nd July 2021.
- ⦿ Participated in the National Level Webinar on *Happiness through work life Balance* organized by Women Lajpat Rai College of Commerce and Economics on 7th September 2021.
- ⦿ Attended Financial Awareness Program conducted by the center for Investment Education and Learning in Association with BSC-Investment Protection on 23rd December 2021.
- ⦿ Participated in “Extension work-training program” for extension work teachers and student-managers in online mode hosted by The DLLE Unit of K.J. Somaiya College of Science & Commerce on 10th January 2022.
- ⦿ Participated in the online short-term course on

Gender Sensitization conducted by UGC-Human Resources Development Center, Rani Durgavati University Jabalpur, Madhya Pradesh from 20th – 25th January 2022.

- ⊙ Nominated as the Vice Chancellor's nominee as subject expert on the screening cum evaluation committee for CAS in the subject of Philosophy by Mithibai College on 2nd February 2022.
- ⊙ Invited as a judge for the paper presentation competition at intercollegiate students' seminar held by Jhunjhunwala College of Arts Science and Commerce on 12th February 2022.
- ⊙ Judge for the online UDAAN Festival hosted by Changu Kana Thakur Arts, Commerce and Science College, New Panvel on 9th & 10th March 2022.
- ⊙ Invited by R.R Educational Trust's B. Ed College Mulund Mumbai as a resource person to examine and evaluate their career projects on online mode on 30th March 2022.

Ms. Shivani Mayekar

- ⊙ Published an article *A Secret Life Formula* in the magazine Horizon by PCER, 7th November 2021.
- ⊙ Participated in the TALK ON *Rights of Minorities in the Institution Constitution & Fundamental duties of an Indian citizen* organized by Institutional values and the Best Practices (Criterion -VII) committee in collaboration with IQAC committee of G.N. Khalsa College on 18th December 2021.
- ⊙ Organized an online session on First Impressions for the students on 6th January 2022
- ⊙ Invited as a judge for debate and 4-line poem competition to celebrate Marathi Bhasha Divas organized by the Department of Marathi, G.N. Khalsa College on 26th February 2022.
- ⊙ Published a chapter *Women and their Role in the Society* in the book "Her Voice" compiled by Dr. Jaya Cheria and Dr. Reni Francis 5th March 2022
- ⊙ Facilitated the certificate course by University of Mumbai: Universal *Human Values (UHV): Understanding Harmony* for T.Y Pharmacy students, Anjuman-I-Islam's Kalsekar Technical Campus, New Panvel in the year 2021-22.

- ⊙ Completed Diploma in *Comparative Mythology* organized by Sanskrit Department, University of Mumbai.in the year 2021-22.
- ⊙ Completed Diploma in *Mysticism* from Sanskrit Department University of Mumbai in the year 2021-22.
- ⊙ Completed certificate course in *Indian Feminism* by Babasaheb Ambedkar University.in the year 2021-22.

MATHEMATICS AND STATISTICS

- ⊙ An Online Competition on "*Application of Mathematics*" was organised on the occasion of Teachers' Day on 5th September, 2021. Around 15 students of SYBSc. and TYBSc. Mathematics and Statistics participated.
- ⊙ A Bridge course was organized in Mathematics for F. Y. B. Sc Biotech students from 7th to 12th December, 2021. 19 students of FYBSc. Biotech participated in the same.
- ⊙ National Mathematics Day was celebrated on 22 December, 2021 to mark the birth anniversary of legendary Indian mathematician, Srinivasa Ramanujan. A presentation on "Life and work of S. Ramanujan" was organised for the students.
- ⊙ Credit courses of 30- hours were organized in offline and online platforms. The details are as follows
- ⊙ "*Nuts And Bolts in Python Programming*" from 18th to 24th April, 2022. 37 students attended.
- ⊙ "Certificate course in Statistical Computation using MS Excel" from 18th to 30th April, 2022. 30 students attended.
- ⊙ "*Learn to code R programming basic and advance*" from 18th to 30th April, 2022. 08 students attended.
- ⊙ "*Boot Camp In Mathematics and Statistics Level – I*" from 7th to 20th June 2022 . 13 students attended.

Faculty Achievements

Ms. Latha Mohanan

- ⊙ Resource person for "*Boot Camp In Mathematics and Statistics Level – I*"

Dr. Mithu Bhattacharya

- ⊙ Resource person for “*Boot Camp In Mathematics and Statistics Level - I*”

Mr. Rakesh Barai

- ⊙ Course coordinator and resource person for credit course “Nuts And Bolts in Python Programming”
- ⊙ Published a research paper titled “*Trace & discriminant Criteria for Matrix to be sum of sixth and eighth powers*” in the International Journal “Integer” in February 2022.

Dr. Manoj Mishra

- ⊙ Resource person for credit course “*Boot Camp In Mathematics and Statistics Level - I*”
- ⊙ **Published three research papers titled**
 - “*Impact of Covid-19 Pandemic on Higher Education in Maharashtra: A Statistical View*” in International Research Journal of Management Sociology & Humanities in June, 2021.
 - “*On Some Application Of Bailey’s Transform In Generalized Basic Hypergeometric Transformations*” South East Asian J. of Mathematics and Mathematical Sciences in August, 2021.
 - “*Impact of lockdown due to Covid -19 pandemic on social life and mental health of students in higher education: A statistical view*” in International Journal “Ajanta” in April, 2022.
- ⊙ Attended One day Multidisciplinary National Level e - Conference on the theme “*Recent Trends in Trade, Commerce Management and Technology in Post Covid Period*” at Mahatma Education Society’s Pillai College of Arts, Commerce and Science (Autonomous) on 27th April, 2022.
- ⊙ Attended RUSA Sponsored one week Online Short-Term Course on “*Application of Statistics in Research*” from 14th June to 19th June, 2021.

Dr. Sanjeev Sinha

- ⊙ Course coordinator and resource person for credit course “*Certificate course in Statistical Computation using MS excel*”.
- ⊙ Resource person for credit course “*Learn to code R programming basic and advance*”

- ⊙ Attended a refresher course in “*Statistical Computing in Social Sciences*” from 24th January to 5th February, 2022 organised by HRDC, University of Rajasthan.

Ms. Dipali A. Savant

- ⊙ Course coordinator Resource person for “*Boot Camp In Mathematics and Statistics Level - I*”

Ms. Shobhana Nadar

- ⊙ Course Coordinator for “*Learn to code R programming basic and advance*”
- ⊙ **Resource person in following events:**
 - “*FDP on Data Analysis Using Ms Excel for research in Social Science*” held from 27th to 28th July 2021 at Bharat College of Arts and Commerce.
 - “*National level webinar of Statistics*” held on 28th October 2021 at SST College of Arts and Commerce
 - “*3-Day FDP on Research Methodology*” held from 10th to 12th February 2022 at Niranjana Majithia College of Commerce.
 - “*Research Methodology*” held on 16th February 2022 at Satish Pradhan Dnyanasadhana College, Thane.
 - “*FDP on Enhancing Research Skills*” held from 5th April to 6th April 2022 at Gurukul College of Commerce.
 - “*Learn to code R Programming: Basic and Advance*” held from 18th to 30th April 2022 at G. N. Khalsa College, Matunga.
 - “*Certificate course in Statistical Computing using Ms Excel*” from 18th to 30th April 2022 held at G. N. Khalsa College, Matunga.
 - “*Boot Camp In Mathematics and Statistics Level - I*” held from 7th to 20th June 2022 at G. N. Khalsa College, Matunga, Mumbai.
 - Contributed a chapter title “*Data Collection - An Analysis*” in a book titled “*A Handbook on Research Methodology for Social Sciences*”.
- ⊙ **Attended**
 - “*7-Day Faculty Development Program on “Online Teaching-Learning-Evaluation”*” held from 08th to 15th June 2021 organised by Develearn in

collaboration with G. N. Khalsa College, Matunga, Mumbai.

- One Day Faculty Development Program on “*New Amendments in Career Advancement Scheme (CAS) as per the 7th Pay Commission*” held on 30th July 2021 organised by IQAC, G. N. Khalsa College.
- “2-Day course on “*AR/VR Innovations & Adoption in Higher Education*” held on 3rd to 4th July 2021 organised by G. N. Khalsa College.

COMMERCE

BCom. General, BCom. (Accounting & Finance), BCom. (Banking & Insurance), BCom. (Financial Markets), MCom. (Advanced Accountancy) & MCom. (Business Management)

☉ **Following programmes were organised for the students:**

- Tally program – 21 students benefited
- Banking & Technology Innovation – 71 students benefited
- Certificate course in Intellectual Property Rights – 49 students benefited
- Certificate course in Digital Marketing – 61 students benefited
- Campus to Corporate – 20 students benefited

Faculty Achievements

Dr. Anita Pasbola

- ☉ Completed PhD in Business Policy and Administration (Commerce) on 9th May 2022. (Topic – Consumer Attitude towards Online and Conventional Shopping: A Study of Thane Taluka with Reference to Fast Moving Consumer Goods.)
- ☉ Coordinated the certificate course in *Physical Fitness and mental Wellbeing* in May 2022. 92 students benefited.

Dr. Sayali Yadav

- ☉ Resource person for Research Methodology workshop for undergraduate students in social science organised by K.J.Somaiya college under Azadi ka Amrut Mahotsav held on 13th and 14th January 2022
- ☉ Chief guest & speaker for Democracy fortnight at

K.J.Somaiya College of Science & Commerce, held on 18th February 2022

- ☉ Attended MSFDA training program at IOC centre, Panchgani which was conducted on 11th to 15th April 2022

Mr. Sameer Velankar

☉ **Publications**

- Research Article on - *Prominence through Dominance- Curious Case of China and changing global equations*. E-Journal: International Journal of Scientific Research in Engineering and Management, IJSREM Volume 5 Issue 08
- Research Paper on *Ready To cook/eat food and its adaptability in kitchens; study of perspectives and concerns*. International Journal for Research in Applied Science and Engineering Technology - E-Journal -IJRASET Volume 09 ISSUE VIII
- Research Paper on *Gender Neutrality efforts through legal affirmative actions [positive discrimination] in favour of Indian Women by Indian policy makers; Justified or Counterproductive*. IJARESM Publications E-Journal: International Journal of All Research Education & Scientific Methods Volume 09 Issue 08
- Research Paper on - *Pandemic and Peoples? Perception And Preferences Towards Ready To Eat/ Ready To Cook Food Vis A Vis Homecooked Food* - international Journal of advanced and Innovative research ISSN : 2394?7780

PHYSICS

- ☉ 30-hour Online Certificate Course for Extra Credits on *Fundamentals of Physics* was organized on 15th May to 21st June 2021.
- ☉ Celebrated Science day on 28th February 2022 organized by PG students. The number of participants were 150 students participated
- ☉ Guest Lecture was conducted on 5th March 2022 by BARC Scientists on *Nuclear Detectors* and thereafter poster competition on the theme Nuclear Energy & Nuclear Detectors.

Faculty Achievements

Dr. Dinesh V Kala

- ⦿ Completed MRP-MU Solar Based DC Power Supply; Rs. 50000, March 2022.
- ⦿ Resource Person for an online lecture on *Solar Energy Solutions*, Encore on 5th June 2021.
- ⦿ Resource Person for an online lecture on *Solar Energy*, CKT College on 8th Dec 2021.
- ⦿ Published Solar Based 18-Point Mobile Charging Station Power Bench D V Kala & Giraj Sharma JETIR Volume 9, issue 2nd February 2022 (ISSN -2349-5162)
- ⦿ Published Optimization of Solar Energy for AC & DC Appliances D V Kala & Sanjay Lalla. IJCRT Volume 10, issue 2nd February 2022 (ISSN: 2320-2882)
- ⦿ Resourcing 12 V Solar Based DC to 5V, 15V and 18V DC, Dinesh V Kala IJCRT Volume 10, issue 2nd February 2022 (ISSN: 2320-2882)
- ⦿ Resource Person for an online lecture on Solar Energy, Royal College on 14th Feb 2022.
- ⦿ Published Book, Co-authored with Mrs. Bhavana Suri Experiments Electronics, Digital. Electronics Practical Book, ISBN 978-93-5506-189-8, HSRA Publications 2021, Bangalore.
- ⦿ Published Book Balancing the Imbalance, Scientific Approach, ISBN 978-93-5506-131-7, HSRA Publications 2021, Bangalore.
- ⦿ Successfully placed on the scale of professor on 8th March 2022.
- ⦿ Appointed as BoS member, Dept of Physics, Somaiya College (Autonomous).
- ⦿ Has set up a Unique Solar Based DC Power Supply, Illumination & Instrumentation is set up in the department of Physics under MRP University of Mumbai.

Mr. Arvind R Singh

- ⦿ Awarded with a degree of Doctor of Philosophy (Science) in the subject of Physics on 4th January 2022 from the Institute of Chemical Technology (Deemed to be University).
- ⦿ Presented paper entitled “*Computational Based Molecular Dynamics Simulation and Analysis of*

Polymers DGEBA epoxy with DETA” in one day National Conference on *ADVANCED MATERIALS* held on Saturday, the 24th July 2021 jointly organized by Department of Physics, B. K. Birla College (Autonomous), Kalyan and MRSI-MC.

Dr. Sharad R Tripathi

- ⦿ Dr. Sharad R. Tripathi, completed the Online Refresher course on “Inter-Disciplinary Refresher Course in (*Science and Technology*)”, from 28th Sept to 11th October; 2021
- ⦿ Published paper on Study of Optical Property of PEDOT: PSS/Ge *Nano-Composite Thin Films* Sharad Tripathi, Int J. Chem. and Phy. Sci.; Vol.10, No 03, 01-04, (May-June 2021). 2319-6602.

Dr. Sandipan M Nalawade

- ⦿ Completed an online Refresher course on “*Advanced Research Methodology*”, from 22nd March to 5th April 2022.

CHEMISTRY

- ⦿ Fundamental Series was organized online for TYBSc. students from 23rd to 28th June 2021.
- ⦿ Online Parents Teacher meet for TYBSc. was conducted by the mentor teachers from 24th to 31st July 2021.
- ⦿ Online Orientation Program via Google meet on “*How to access online library facilities*” was delivered by Mrs Neelam Chavan, Librarian, G. N. Khalsa College on 14th August 2021.
- ⦿ Chemistry Staff Circle, under the STAR-DBT Scheme, organized an Online Workshop on “*Laboratory Safety and Transportation of Casualty*” for the Teaching, Non-teaching staff and TYBSc. students of the Chemistry Department on 25th September 2021. The talk was delivered by Dr. Rupesh H Gaikwad, [MSc., PhD, CSIR-NET, PGD-CTM, MRSC (U.K)] Assistant Professor at the Department of Chemistry, Maharshi Dayanand College, Mumbai. A total of 133 participants benefited from the workshop.

- ⊙ Segment 1 E-3 Lecture Series with the Title “Significance of ISO Certifications and Audits in Industry” on 16th October 2021. The target students selected were MSc. - II of Analytical Chemistry from Cluster colleges (G. N. Khalsa College, Guru Nanak College, VES College, Ratnam College, Ruparel College, and Sophia College). Ms. Sandhya Mantri, The Manager -of projects and the Lead Auditor, SGS India Pvt Ltd was the resource person. 85 participants were benefited.
- ⊙ Training program on “Hands-on training on Affinity Chromatography” organized from 28th to 29th April 2022 under the aegis of RUSA for the MSc. -II Students. A total of 19 students took benefit of this training.
- ⊙ The offline Lecture on “Organometallic Chemistry” was delivered by Prof. B M Bhanage, Head, Department of Chemistry, ICT, Matunga, Mumbai on 17th December 2021 the lecture was attended by TYBSc. and MSc. Part I Chemistry students as well as Chemistry department faculty members.
- ⊙ A Workshop on “High-Pressure liquid Chromatography” for SYBSc. Chemistry students via Google meet was organized on 30th September 2021. The resource person was Dr. Devendra Koladkar, Technical Director, Chemclues Life science Pvt. Ltd. SYBSc. students and faculty members of the Chemistry Department attended the workshop.
- ⊙ E3 lecture series under the aegis of RUSA was conducted via online mode for SYBSc. students on the topic: “Importance and Chemistry of the Pnictogens” by Dr. Sriparna Ray, Assistant Professor in the Department of Chemistry, School of Basic Sciences at Manipal University, Jaipur. The program was organized from 31st August to 1st September 2021.
- ⊙ E3 lecture series under the aegis of RUSA was conducted via online mode for SYBSc. students on the topic: “A journey into the world of organic acids” by Dr. Gomathi Shridhar, Head- Department of Chemistry, V. K. Krishna Menon College, Bhandup, Mumbai. The program was organized on 17th February 2022. The session was attended by 64 students along with 12 faculty members.
- ⊙ Fundamental Lecture Series was organized by the Department of Chemistry for FYBSc. students on different topics by the Faculty Members of the Department of Chemistry between 4th to 15th October 2021.
- ⊙ The second segment E3 Lecture Series for FYBSc. students was organized through online mode on 31st January 2022 under the aegis of RUSA. The lecture was delivered on the topic “Green Chemistry” and the resource person was Dr. Swapnadeep Singh Chimni, Professor, Department of Chemistry, Guru Nanak Dev University, Amritsar.
- ⊙ Certificate Course “Computer Aided Calculations and Drawing in Chemistry” was conducted from 25th February to 14th March 2022. Dr. Priti Khedkar served as coordinator for the course and a total of 59 students completed the course successfully.

Students' Achievements

- ⊙ Mr. Virendra Gupta submitted a PhD thesis on 28th October 2021.
- ⊙ Mr. Chandrakant Singh submitted a PhD thesis on 1st November 2021.
- ⊙ Mr. Harsh More from FYBSc. participated in the 2nd Hockey India Men Academy National Championship 2022, Naval Tata Hockey Academy-Jamshedpur held at Jamshedpur, Jharkhand from 20th April 2022 to 1st May 2022.

Faculty Achievements

Dr. Sudheer Lingayat

- ⊙ Nominated as member of Ad-Hoc BS, HSNC University on 16th September 2021.
- ⊙ Nominated as a subject expert in the selection committee on 30th September 2021.
- ⊙ Delivered a lecture in the National Webinar organized by KLE College on “Applications of Coordination Compounds in various fields” on 26th February 2022.
- ⊙ Appointed as chairman for online PhD viva conducted on 12th March 2022.
- ⊙ Appointed as a member of Expert Committee Visit at Mehta College, Airoli on 22nd March 2022.
- ⊙ Resource Person for a lecture on Inorganic Chemistry

for TYBSc. students at Mehta College-Airoli on 25th March 2022.

- ⊙ Served as a member of LIC committee-Sonopant Dandekar College, Palghar on 19th April 2022.
- ⊙ Appointed as a member of LIC committee-Dapoli Urban College on 27th April 2022.

Dr. Ajitha Rani R

- ⊙ Appointed as MSc.-II Coordinator for the academic year 2021-2022.
- ⊙ Completed one-week training program on “*Blended Learning and Pedagogical Techniques*” from 7th to 16th June 2021 organized by TLC, Ramanujan College, the University of Delhi Sponsored by MHRD(PMMMNMTT) in collaboration with St. Jude’s College Thoothoor, Tamil Nadu.
- ⊙ Completed one-week training program on “*Psychological Skills for Effective Teaching and Learning*” from 7th to 13th March 2022 organized by TLC, Ramanujan College, the University of Delhi Sponsored by MHRD(PMMMNMTT).
- ⊙ Served as a mentor guide for nine projects for MSc. Semester IV (Analytical Chemistry) students.
- ⊙ Appointed as Paper Setter for Semester-II MSc. Bioanalytical Sciences by the University of Mumbai.
- ⊙ The event in charge of the E3-series (under the aegis of RUSA) organized a seminar by Ms. Sandhya Mantri, The Manager -Projects and the Lead Auditor, SGS India Pvt Ltd with the title “*Significance of ISO Certifications and Audits in Industry*”.
- ⊙ Two-day training (under the aegis of RUSA) for the MSc.-II Analytical Chemistry Students on “*Hands-on Training in Affinity Chromatography*”.

Dr. Deepa Parab

- ⊙ Appointed as Management Nominee Subject Expert in Chemistry for interviewing a candidate for stage 3 to stage 4 at N. G. Acharya & D. K. Marathe College, Chembur on 24th July 2021.
- ⊙ Attended “*Improving Research & Performance Outcomes using the Science Direct platform*” by Researcher Academy on Campus at G. N. Khalsa College on 26th July 2021.

- ⊙ Convenor for an Online Workshop on “*Laboratory Safety and Transportation of Casualty*” 25th September 2021 by Dr. Rupesh H Gaikwad, Assistant Professor at Department of Chemistry, Maharshi Dayanand College, Mumbai, under the STAR –DBT Scheme for the Teaching, Non-teaching staff and TYBSc. students of Chemistry Department.
- ⊙ Participated in the “*Extension Work Training Programme*” for teachers and student managers on online mode hosted by DLLE Unit of K J Somaiya College of Science & Commerce on 10th January 2022.
- ⊙ Guided 54 students of SYBSc. and TYBSc. for DLLE projects (SWS-Status of women in society & CP-Career Project)

Dr. Harmeet Kaur Kohli

- ⊙ The event in charge of the E3-series (under the aegis of RUSA) organized a seminar by Prof. B M Bhanage, Head, Department of Chemistry, ICT, Matunga, for TYBSc. students.

Dr. Prafullachandra P. Tekale

- ⊙ Published a research paper in the UGC listed journal titled “*Densitometric and HPTLC-MS Methods for analysis of triterpenoids from Cucurbita maxima peel by HPTLC*” by Apurva Bhatkande and Prafulla Chandra Tekale. Journal of Plant Science Research, Volume 38 (2), 2022.
- ⊙ Published a research paper in a peer-reviewed journal titled “*Screening of elastase and tyrosinase inhibitory activity of Trachyspermum Ammi, Anethum graveolens & Foeniculum vulgare*” by Apurva Bhatkande, M. Gonbhare and Prafullachandra Tekale. Bioscience Discovery, 13(2):56-60, April – 2022.
- ⊙ Published a research paper in UGC listed journal titled “*Role of Copper-Alumina Filler in Improving Property Of Plasticizers*” by P. T. Maskar, S. B. Ghorpade and Prafullachandra Tekale. Sambodhi, Vol-44, No.-03 January-March (2021).
- ⊙ Appointed as a Chairperson and Mumbai University representative for the online viva of PhD students of CKT college and MSc. (By Research) students of Ruia College.

- ⊙ Invited as Management nominee and subject expert on the selection committee of Satish Pradhan Dnyansadhana College, Thane for the selection of Assistant Professors in the subject of Chemistry on a clock-hour basis for the academic year 2021-22.
- ⊙ Member of Research Advisory Committee (RAC) for evaluation of PhD pre-synopsis research work, at Birla College and G. N. Khalsa College.
- ⊙ Invited as External Subject Expert on the panel for selection of candidates for the degree of PhD in Chemistry at Birla College, Kalyan, Satish Pradhan Dnyansadhana College, Thane and KBP College, Vashi.

Dr. Abhimanyu K. Yadav

- ⊙ Published an article titled “*Hydrogen production from steam butanol reforming over Cobalt catalyst supported over ceria in an international journal Catalysis in Green Chemistry and Engineering.*” Article in Press.
- ⊙ Participated in online short-term course on “*Data science and analytics*” conducted by UGC-HRDC University of Mumbai from 1st to 7th December 2022.
- ⊙ Participated in an online short-term course on “*Research Methodology*” conducted by UGC-HRDC Sant Gadge Baba Amravati University, from 23rd to 28th May 2022.

Dr. Priti Khedkar

- ⊙ Worked as Event in charge for E3-series for SYBSc. (under the aegis of RUSA). Organized a lecture on “*Importance and Chemistry of the Pnictogens*” held from 31st August to 1st September 2021. Another lecture on “*A journey into the world of organic acids*” was organized on 17th February 2022.
- ⊙ Served as a coordinator and resource person for the Credit Course “*Computer Aided Calculations and Drawing in Chemistry*” from 25th February to 14th March 2022.

Dr. Sukhjeet Kaur Gujral

- ⊙ Coordinator for a ‘*Certificate Course in Cosmetology*’ (Under RUSA Component 8) which was jointly organized by the Department of Chemistry &

GNIRD (30 hours credit course). This program was conducted between 10th to 25th August 2021. A total of 453 students benefited from the program.

- ⊙ Co-Convener for the ‘*Workshop on Lab safety and transportation of casualty*’ by Dr. Rupesh Gaikwad conducted on 25th September 2021 organized by Chemistry Staff Circle.

Dr. Tamanna Khan

- ⊙ Published a paper on “*CAACS as Efficient Ancillary Ligands for the Synthesis of Robust Catalysts*” J. Organomet. Chem. 2021, 122133.
- ⊙ Participated in Online Refresher Programme on “*Research Methodology*” Under MHRD, PMMMNMTT Government of India from 22nd December 2021 to 5th January 2022.
- ⊙ Invited as Judge for Poster Competition, at Chemical Science Festival, Chem Eminence 2022, MD College Mumbai on 28th February 2022.

Dr. Parul Khurana

- ⊙ Delivered a keynote lecture entitled “*Women in Chemistry – Role in Advancement of Science and Society*” held on 6th May 2022 for “*WENyan-Women Scholarship Program*”- A Scholarship Program for Women. An initiative by Pune Knowledge Cluster and BASF Chemicals India pvt ltd)
- ⊙ Participated in an online short-term course on “*Research Methodology*” conducted by UGC-HRDC Sant Gadge Baba Amravati University, from 23rd to 28th May 2022.
- ⊙ Received Recognition as a teacher for the MSc. (By Papers) degree in the subject of Inorganic Chemistry of Mumbai University with effect from 23rd February 2022.
- ⊙ Received Recognition as a teacher to guide students for the PhD degree in the subject of Chemistry of Mumbai University with effect from 23rd February 2022.
- ⊙ Received Recognition as a teacher to guide students for the PhD degree in the subject of Bioanalytical Sciences of Mumbai University with effect from 15th March 2022.

Dr. Japinder Kaur

- Participated in Online Refresher Programme on “*Research Methodology*” under MHRD, PMMMNMTT Government of India from 22nd December 2021 to 5th January 2022.

BOTANY

- A workshop on HPTLC fingerprinting was organized at GNIRD by Mr. Ahmed Raza Choudhary, Research Associate in Anchrom, for PG part 1 students on 17th December 2021.
- An online lecture “How to write a research proposal” by Dr. Ambika Joshi, former HOD, Dept. of Botany, Jai Hind College, was conducted for PG Part 2 students on 14th January 2022.
- A communication skill program on online mode was organized for TY and PG students by Dr. Anusha Ramanathan, Assistant Professor, TISS on 21st February 2022. 52 students benefited from the program.
- A certificate course on “Hands on Training in Molecular Biology” at NFB for PG part 2 students was organized in February -March 2022.
- Ecological study of flora of Karnala Sanctuary was arranged for MSc. Part 2 students by Nitesh B Kadam, an ecologist from Terricom, on 26th February 2022.
- A Science-day program on ‘Nature and Naturals’ in association with Nature club was conducted on 28th February 2022. 121 students from different streams participated in the event. Posters, terrariums, eco-friendly models, plant-based products were exhibited by the students. The program was also attended by school students from Don Bosco.
- A Plant Tissue Culture training course for MSc. part 1 students conducted in March 2022.
- An International Conference (Online) on “**Novel Approaches in Life Sciences**” was organized on 8th and 9th April 2022. The theme areas of the conference were: Medicinal Botany and Phytochemistry, Biotechnology, Nutrition and Dietetics, Biodiversity and Environmental Science. Total 62 faculty

members from different universities participated in the conference and presented posters/oral paper presentations. Padmashree Professor P. Tandon, Ex VC NEHU, Shillong, was the keynote speaker and inaugurated the conference followed by lecture series from eminent speakers from well reputed recognized institutes/organizations at International (06) and National (06) level. Also, papers received from participants were processed for publication in UGC care listed journals. The conference was concluded by Padmashree Dr. Veena Tandon as guest of honor, Ex NASI, Senior Scientist, Biotech park, Lucknow.

- Department took an initiative to provide terrariums (prepared by PG students) as eco-friendly gifts for resource persons invited for various events at the college level.

Students’ Achievements

- MSc. students Mr. Priyank, Ms. Sakshi, Ms. Neelam and Ms. Prachi cleared their PET exams in 2021.
- Ms. Divya Salunke, MSc. Student was appointed as Quality control officer in Charak Pharmaceuticals
- Roshan Shirke, TYBSc. Student published a paper “Potential Natural Supplement for Protection against Covid 19.” In International Journal of All Research Education and Scientific Methods (IJARESM), 2021, ISSN: 2455-6211 Volume 9, Issue 6.

Faculty Achievements**Dr. Gopa Sarma**

- Publications/Book chapters**
 - Potential Natural Supplement for Protection against Covid 19. International Journal of All Research Education and Scientific Methods (IJARESM), 2021, ISSN: 2455-6211 Volume 9, Issue 6, Impact Factor: 7.429, Available online at: www.ijaresm.com
 - Qualitative and Quantitative Phytochemical Screening, TLC Fingerprinting, HPTLC, and Proximate Analysis of *Premna serratifolia*, a Medicinally Important Plant (2021). Intl. Journal of Research in Engineering, Science and Management, 4(8):190-197.

- TLC fingerprinting, Quantitative and Qualitative analysis of few selected medicinal plants for its phytochemical constituents (2021). 9 (11):369-378.
- A Book chapter on “Indian Medicinal Plants the Potential Remedy for Malaria” Published and Printed by Krishna Publication, Bhavnagar, Gujarat-364002, ISBN : 978-93-90627-49-3.

Dr. Vibha Gupta

- ⊙ Completed one-week FDP on Blended Learning and Pedagogical Techniques organized by TLC, Ramanujan College, University of Delhi, PMMMNMTT from 22nd to 29th January 2022.
- ⊙ **Publications/ Book Chapters**
 - Study of amylase inhibitor activity in seed extracts of selected legumes. In Intl. Journal of advance and Innovative research, 2021, 8 (2) III: 252-256.
 - Book chapter on “Economic importance of Rhodophyta” published In Economic importance of different classes of Plants, ISBN: 978-93-90627-08-0, 2021, Pg: 163-184.
 - Book chapter on “Challenges in teaching at higher education online and way forward” published In: The evolution of Virtual teaching in Education, ISBN: 978-93-90953-34-9, 2021, Pg: 81-88.
 - Book Chapter on “Importance of Paradigm shift in Teaching Botany subject in India” published in : Innovative Research tools in science and Humanities (1); ISBN: 978-1-954461-44-4; 2021, Pg:1-4.
 - Book Chapter on “Recent Biotechnology Tools in Forensic Science” published in: Advanced Forensic Biotechnology, Akinik Publisher, Volume 1, ISBN: 978-93-91538-42-2, 2022, Pg: 87-102.
 - Book Chapter on “Biopesticides” published in: Current trends in Environmental Sciences; Krishna Publisher, 2021 Pg: 115-128.

Dr. Babita Rana

- ⊙ Attended Refresher course in Life Sciences organized by Goa Univ. (UGC sponsored) from 11th to 24th January 2022.

⊙ Publications/Book chapters

- Book Chapter: Recent Biotechnology Tools in Forensic Science. In Advanced Forensic Biotechnology, Akinik Publisher, Volume 1 (ISBN: 978-93-91538-42-2), Pg:87-102.
- 2. Book chapter: Economic importance of Rhodophyta; In: Economic importance of different classes of Plants (ISBN: 978-93-90627-08-0), Pg: 163-184
- Book chapter: Challenges in teaching at higher education online and way forward. In The evolution of Virtual teaching in Education (ISBN: 978-93-90953-34-9): 81-88.
- 4. Book Chapter: Biopesticides. In: Current Trends in Environmental Sciences; Krishna Publisher, Pg: 115-128.
- Challenges of Imparting Digital Education, In: Journal of Management Research, January 2021, Vol. VIII _ Issue 12 , 39-43 ISSN 2319-2429
- Editor In: Frontiers in Life Sciences June-July 2021 Volume III, ISBN: 978-81-953600-3-1.

Dr. Manjiri Bhawe

- ⊙ Courses attended under TLC, Ramanujan College, University of Delhi, PMMMNMTT
- ⊙ Advanced Pedagogical Techniques 30th June to 6th July 2021
- ⊙ Refresher course on Research Methodology 21st Sept to 5th Oct 2021
- ⊙ Short term course on Teaching Learning Methods 31st Jan to 6th Feb 2022

Ms. Shital Jarare

- ⊙ Courses attended under TLC, Ramanujan College, University of Delhi, PMMMNMTT
- ⊙ Refresher Course in Life sciences 1st to 15th Sept 2021
- ⊙ Advanced Pedagogical Techniques 30th June to 6th July 2021

ZOOLOGY

- ⊙ Webinar in association with NSS on World Environment day was conducted on 5th June 2021 in which a total of 151 students and teachers

participated. Resource person for the Occasion was Dr. Purushottam Kale, Paryavaran Dakshata Mandal, Jt. Secretary, ATBS.

- ⊙ Poster competition on the occasion of World Ocean Day was organized by the Department on 8th June 2021 in which 33 students participated.
- ⊙ Webinar on “Snakes - Myths and facts” was organized on 11th August, 2021 at college level. Resource person for the event was Dr. Ganesh Margaj, Associate Professor at S.P.K. College, Sawantwadi.
- ⊙ 12 teachers from Turtuk Valley School on 11th February, 2022 visited our Department.
- ⊙ One day excursion for TY students (58 students) to Borivali National Park (SGNP) was organized by the Department and was accompanied by Ms. Deepti Deshpande and Mr. Robin P. Mathew on 12th March 2022.
- ⊙ Short excursion for SY students to Mumbai veterinary poultry and cattle farm subcampus Goregaon was organized by the Department accompanied by Dr. Mangal Chavan, Ms. Lubna Majgaonkar and Mr. Kunal Dabholkar on 12th March 2022.
- ⊙ Short excursion for MSc. II students (12 students) to Arnala fish market and Aquaculture center was accompanied by Dr. Surekha Gupta and Mr. Suketu Das on 12th March 2022.
- ⊙ Short excursion for MSc. I Students (18 students) to BNHS natural reserve was organized by the department and was accompanied by Dr. Mangal Chavan and Ms. Lubna Majgaonkar on 28th March 2022.
- ⊙ Various Credit courses were organized by the Department for students.

Students' Achievements

- ⊙ Ms. Deepali Yadav of TYBSc. Zoology student bagged First Prize of Rs. 3000/- for Positive talk competition at 'NewIndia@75' intercollegiate program organized by our NSS unit in collaboration with NACO, MDACS and Red Ribbon Club on 29th September 2021
- ⊙ Ms. Tejal Sawant successfully completed PhD

under the guidance of Dr. Rupinder Kaur in December 2021.

- ⊙ Ms. Mitali Sawant of TYBSc. Zoology student successfully completed a three month internship programme in National Information centre SGNP, Mumbai from 15th March to 15th June 2022.

Faculty Achievements

Dr. Rupinder Kaur

- ⊙ Successfully guided Ms. Tejal Sawant for PhD Degree in Zoology.
- ⊙ **Publications**
 - “Use of COI gene for molecular identification and phylogenetic study of *Acetes indicus* from Mumbai Coast, Maharashtra, India”, JASR , 2021, vol. 12, issue 2, supplement 2 ISSN 0976- 9595
 - “The Molecular characterization and phylogenetic reconstruction of penaeid shrimps from Mumbai coast, Maharashtra”, International Journal of Fisheries and Aquatic Studies, Vol.9(6), 2021, ISSN 2394-0506
- ⊙ **Paper presentations**
 - In Poster session “Molecular identification and phylogenetic analysis using COI gene of Non penaeid shrimps from Mumbai, India” in online International German Conference on Bioinformatics, September 6 - 8, 2021.
 - Presented Paper “Use of shell waste for waste water treatment- a sustainable & green approach’ in online International Life Science Conference, Bordi, January 11 - 13, 2022.

Dr. Surekha Gupta

- ⊙ **Chairperson**
 - National webinar on “Know our oceans” by University of Mumbai on 6th June 2021.
- ⊙ LIC visit at Thakur College on 4th August 2021.
 - Resource person for Guest Lecture in Birla College on “Scope in Applied Zoology” on 11th August 2021.
 - Co-ordinated Webinar on “Snakes- Myths and facts” on 11th August 2021

- Invited as Judge for Research Scholar meet at Patkar College on 29th March, 2022
- Member of LIC committee for visit at SIES college on 16th April 2022.
- Member of LIC committee for visit at Dandekar college on 19th April 2022.

◎ **Publications**

- Molluscs as biomonitors of heavy metal pollution in Journal of Advanced scientific research, ISSN 0976-9595, 2021:12 (2) Suppl 1 (35-42)
- Optimization of Media and Growth Conditions Improve Overall Quality of Yeast Superoxide Dismutase in Escherichia coli Periplasm in International Journal of Pharmacy and Biological Sciences-IJPBS (2020) 10 (4): 133-142
- ◎ Successfully guided Mr.Yogesh Suryvanshi for PhD in Bioanalytical Sciences on 28th February 2021.
- ◎ Credit Course coordinator for “Conchology - World of shells” conducted from 21st December- 2nd January, 2022.

Ms. Deepti Deshpande

- ◎ Invited as Resource person for paper quilling workshop held on 14th August 2021, held by Fine Arts committee, G. N. Khalsa college.
- ◎ Invited as Judge for Online State level poster competition, held on 28th February 2022 by Arvindbabu Deshmukh Mahavidyalaya, Nagpur.
- ◎ Presented a paper titled “Effect of physicochemical parameters of water on macroalgal biodiversity of Bhuigaon beach, Palghar district, Maharashtra” in the International Conference on “Novel Approaches in Life Sciences” organized by Dept. of Botany and IQAC of G. N. Khalsa College on April 8 - 9, 2022.
- ◎ Credit Course coordinator for “Aquarium setting and Maintenance” conducted from 17th - 23rd February 2022.

Dr. Mangal Chavan

- ◎ In collaboration with the NSS unit, on World Environment Day i.e. on 5th June, 2021, organized an online session on the topic “A Deal With The Devil”.
- ◎ Participated in 3-Day National Webinar themed

“Know our Ocean” organized by Sindhu Swadhyay Sanstha in association with Centre of Excellence in Maritime Studies, University of Mumbai from 5th-8th June, 2021.

- ◎ Successfully completed 2 Days FDP on “AR/VR Innovations and Adoptions in Higher Education” organized by G.N.Khalsa College under the aegis of RUSA conducted from 3th-4th July 2021.
- ◎ Attended “Integrating Scopus in Research Workflow” organized by Researcher Academy on Campus at Elsevier on 14th July, 2021.
- ◎ Participated in the seminar on “Effective online Teaching and Assessment Strategies” organized by INYAS Delhi-NCR Chapter held on 18th July, 2021.
- ◎ Participated in the webinar & workshop on “Protein Purification, Crystallization & Structure Determination” jointly organized by ACTREC, Kharghar and University of Kashmir, Srinagar on 6th August 2021.
- ◎ Active participation in the webinar on “Environmental Audits for Sustainability” organized by Sustainable Approach for Green Environment in association with IIT Bombay & J.C. Bose University of Sci. & Tech. YMCA held on 16th October 2021.
- ◎ Actively participated in the lecture series on “Zoology in 21st Century” during 17th - 22nd January 2022 organized by Shivaji University, Kolhapur.
- ◎ Participated in 2 Days National Conference on “Role and Contribution of Students and Youth Movements in Nation Building during Pre-and Post-Independence Era” organized by University of Mumbai on 18th - 19th January 2021.
- ◎ Successfully completed the refresher course organized by UGC-HRDC, Sant Gadge Baba Maharaj University, Amrawati in the subject Life Sciences (Zoology) held during 10th to 26th November 2021 .
- ◎ Coordinated Credit course: The Zoophilists - Skill development course from August 2021 to February 2022.
- ◎ Selected as a contingent leader of Maharashtra & Goa Team by the NSS Regional Directorate Pune to participate in the National Youth Festival

2022, Puducherry between 12th - 16th January, 2022 sponsored by Ministry of Youth Affairs and Sports, Government of India.

- On the International Women Day i.e. on 8th March 2022, delivered a talk on “Menstrual Cycle Menstruating to Menopause” organized by B.N.N. College, Bhiwandi.
- In collaboration with NSS Unit arranged a College visit on 11th February 2022 for Teachers of Turtuk Valley School, Ladakh on and also arranged two sessions on “Plastic Waste Management” and “Kitchen Garden” for them.
- Participated in the 2 Days National Level Workshop on “Waste Management: Zero Waste College” organized by KLE Society’s Science & Commerce College from 10th - 11th February 2022.
- Coordinated an online Quiz competition on “World Wetland Day” held on 2nd- 3rd February 2022.

Mr. Robin P. Mathew

● Attended/organized/participated

- Two day FDP on AR/VR Innovations and Adoptions in Higher Education organised by G. N. Khalsa College under RUSA from 3rd - 4th July 2021.
- One day webinar on “Integrating Scopus in Research Workflow” organized by Researcher Academy on Campus at Elsevier on 14th July, 2021.
- 2 week interdisciplinary Refresher course in Environmental studies on the theme “21st Century Environmental Issues, Challenges And Solutions” organized by TLC, Ramanujan College, University of Delhi under Ministry of Education - PMMMNMTT from 15th - 29th July 2021.
- One week FDP on “Systematic Literature Review and Meta-Analysis” organized by Teaching Learning Center, Ramanujan College, University of Delhi under Ministry of Education - PMMMNMTT from 10th - 16th August 2021.
- One day National workshop on “XRD Instrumentation, analysis, interpretation

of Spectra and Applications” organized by Department of Physics, Chemistry and PGD in Bio-Nanotechnology of B. K. Birla college of Arts, Science and Commerce (Autonomous) on 28th August 2021.

- One week FDP on “Data Analysis Using SPSS” organized by TLC, Ramanujan College, University of Delhi under Ministry of Education - PMMMNMTT from 6th - 12th September 2021.
 - SWAYAM MOOC course - “Ethics Review of Health Research (NIE-ICMR: NIECer102)” organized by ICMR from October 2021-January 2022.
 - SWAYAM MOOC course - “Basic Course in Ornithology (12 week course)” organized by IIT Madras from January to April 2022.
- Presented a paper titled “Episodic divergence of Rhodopsin and s-Arrestin in birds” In 25th Punjab Science congress Organized by Shri Guru Tej Bahadur College, Punjab from 7th - 9th February 2022.
- Credit Course Coordinator for “Birds of Mumbai” conducted from 10th - 17th February 2022.
- Presented a paper titled “In silico study on Antidiabetic effects of some phytochemicals in Cinnamomum verum” in the International Conference on “Novel Approaches in Life Sciences” organized by Dept. of Botany and IQAC of G. N. Khalsa College on 8th - 9th April 2022.

MICROBIOLOGY

- The department bid farewell to the former Head, Mrs. Durga Pawar in the month of June 2021.
- An online meeting was conducted to monitor the progress of PhD scholars of the department as per the university norms on 11th June 2021. 8 PhD scholars presented their work carried out during the lockdown period and Dr. Varsha Shukla, Vice Principal and HOD, Microbiology, Ramnarain Ruia College was present as the subject expert.

- ⊙ Orientation sessions were conducted in the month of June 2021 for FY, SY on 17th June and TYBSc. on 16th June 2021.
- ⊙ A session by our College Counselor Ms. Urveez Kakalia on “Stress management” was organized on 28th July 2021 for the UG and PG students.
- ⊙ An orientation session of MSc. Part 2 students was conducted to bridge the gap between Academics and Industry on 31st July 2021.
- ⊙ A movie “Contagion” was screened for UG and PG students on 7th August, 2021 to impart knowledge on safety measures during pandemic.
- ⊙ An orientation session of MSc. Part 1 students was organized via online mode on 2nd September 2021.
- ⊙ A quiz “Microteasers” was organized for SYBSc. and TYBSc. students on 4th September 2021 .
- ⊙ On 31st January 2022, interviews were conducted online for selection of PhD students
- ⊙ National Science Day was celebrated with the following activities:
 - An online scientific story-telling session by Captain Sule in collaboration with Marathi Vidnyan Parishad on 5th February 2022.
 - A lecture-series “Microbes4you” comprising 3 different lecture sessions by eminent speakers was organized for UG and PG students as follows:
 - Dr. Narendra Chirmule (Co-founder, SymphonyTech Biologics) on 24th February 2022.
 - Dr. Vikrant Bhor (Scientist “D”, HOD, Dept of Immunology and Microbiology, ICMR, NIRARCH) on 25th February 2022.
 - Dr. Rakesh Tuli (Director, National Botanical Research Institute, Lucknow) on 28th February 2022.
- ⊙ A hands-on training course of 30- hours duration on “Analytical Instrumentation” was organized in collaboration with GNIRD for both classes of PG students from 21st to 25th March 2022.
- ⊙ A Parent Teacher Meet for FYBSc. class was held on 31st March 2022.
- ⊙ A meeting of members of BoS for revision of MSc. Part I syllabus was conducted on 26th April 2022.

Students’ Achievements

- ⊙ Ms. Swapnali Pande, TYBSc. and Ms. Purva Chavan, MSc. II contested and qualified the final round of Intercollegiate Quiz and Elocution competition organized by NIIRCH, Parel, on 28th February 2022.
- ⊙ Mr. Shubham Ghanekar and Ms. Tanvi Nirgude from MSc. part 1 class, guided the staff at Marathi Vidnyan Parishad by conducting a few experiments in Microbiology to develop an app for 9th and 10th Standard students, a project by MVP (19th May 2022). Their efforts were duly appreciated by the NGO.
- ⊙ MSc. Part 2 & TYBSc. students were selected for Internship at well-known places such as Edufabrica (IIT, Kanpur), Suburban Diagnostics lab, InfeXn, Somaiya Hospitals, FDA, ICMR-NIRARCH, Dr. Avinash Phadke Lab, Ashtavinayak beverages and so on.
- ⊙ Two PhD scholars were awarded PhD degrees, Mrs. Ajitha Nair under the guidance of Dr. Aparna Dubhashi (on 24th November 2021) and Ms. Priyanka Naik under the guidance of Dr. Vijayanti Ranade, former HOD of Microbiology (on 15th January 2022).
- ⊙ Two of MSc.-Part 2 students, Ms. Saniya Naik and Mr. Advait Sapte were selected to author a scientific article in Marathi for publication in Marathi Vidnyan Parishad Patrika of January 2022, Vol 10, no.582.

Faculty Achievements

- ⊙ Two scientific articles in Marathi authored by Dr. Aparna Dubhashi were published in a column entitled “Kutuhel” in Marathi daily “Loksatta” on 6th and 7th January 2022.

COMPUTER SCIENCE

- ⊙ New course MSc. (Big Data Analytics) started.
- ⊙ MSc. (Computer Science) course intake was doubled.
- ⊙ Virtual Orientation Programme for students and parents of FYCS was held on 21st Sep tember 2021.
- ⊙ **Seminar and Workshop**
 - A Workshop on “Aptitude Test“ Preparation was conducted for TYCS by Mr Vishwajeet Dhupe, Corporate Trainer on 4th February 2022. 70 students were benefited from this workshop.

- A Workshop on “Software Testing“ was conducted for SYCS by Mr Jeevanesh Chavathe, Corporate Trainer on 5th February 2022 students. 60 students were benefited from this workshop.
 - A Workshop on “Job Skills & Interview Preparation” was conducted for TYCS by Mr V. Kalyan Kumar, Training Consultant & Certified Trainer on 6th February 2022. 86 students were benefited from the training.
 - A Workshop on “Web Designing” was conducted for TYCS by Mr Shitalprasad Vishwakarma, Corporate Trainer on 13th February 2022. 75 students were benefited from this workshop.
 - A Workshop on “Data Analytics” was arranged for TYCS by Ms. Madhruj Jha, Corporate Trainer. 55 students were benefited from this workshop.
 - Students were placed in the following companies: TCS, Accenture, Infosys, IBM, HCL, Wipro, Capgemini, Here Technologies, Tata Consultancy service, Lumina Datamatics, Larsen & Toubro InfoTech, Tech Mahindra Ltd etc.
 - Students of SYCS participated in Seva during Baishaki Celebration conducted by Shri Dewamchand Ramsaran Compound Mahul – Chembur & Sri Guru Singh Sabha Bombay Dadar Gurudwara.
 - Students of FYCS, SYCS and TYCS participated in World Turban Day at Carter Road, Bandra on 16th April 2022 organized by Khalsa Aid Mumbai.
 - Career Counseling session Junoon Jeet Ka was conducted for the students of TYCS on 18th April 2022 by Guru Nanak Institute of Management Studies (GNIMS) in association with G.N.Khalsa College.
- ◎ **E-SPARK– 2022 Intercollegiate Fest**
- Intercollegiate Fest E-SPARK 2022 was conducted on 14th March 2022. Various events like Guess me, Poster competition, Poster Designing, Web designing, Photography, Debugging the bug were held on the occasion. Participants were given certificates and many students won exciting prizes.
- ◎ **Looking beyond Syllabus**
- An online Certificate course in CYBERSECURITY was conducted from 23rd January to 10th April 2022 for the students of FYCS & SYCS for 60 hours by Ms. Darshana Kernekar. 10 students enrolled for the course.
 - An online Certificate course in User Interface Developer was conducted from 28th January to 31st May 2022 for SYCS students for 60 hours by Mr. Prasad Vishwakarma was the resource person. 05 students successfully completed this course.
 - An online Certificate course in Machine Learning was conducted from 25th February to 22nd June 2022 for SYBSc. students for 60 hours by our channel partner Bloom Zen Pvt. Ltd. Mr. Ashrafal Idrisi, Corporate trainer.
 - An online Certificate course in Andriod was conducted from 21st May to 21st July 2021 for TYBSc. students for 60 hours by Ms. Anamika Dhawan from TCS. 05 students were benefited with this course.
 - An online Certificate course in Angular was conducted from 21st May to 21st August 2021 for TYBSc. students for 60 hours by Ms. Bharti Chilampuran, Industry Expert. 43 students completed the course.
 - An online Certificate course in Tableau was conducted from 21st August to 21st October 2021 for TYBSc. students for 60 hours by Mr Ashrafal Idrisi (Corporate Trainer). 43 students completed the course.
 - Academic Foundation Program was conducted on 7th to 11th October 2021 for FYBSc. students by Ms. Prasad V. 94 students completed the course.
 - TYCS students also completed various other courses from Codecademy, edX, Udemy, Coursera, Khan Academy, Udacity, SWAYAM etc.
- ◎ **Students’ Achievements**
- Rohit Prajapati of TYCS participated in the event GeekforGeeks held in May 2022.
- ◎ **Faculty Achievements**
- Ms. Jasmeet Kaur Ghai**
- **Webinars/Workshops/Conference attended**
 - A three-day workshop on *Revised Syllabus of*

FYBSc. Computer Science- Semester I by R. P. Gogate College in collaboration with Ad-HOC BoS CS University Of Mumbai on 8th to 10th July 2021.

- *Cyber Security* by Mr Sachin Dedhia, G.N.Khalsa College on 23rd August 2021.
- *MSc. Sem-1 Revised syllabus* by UDCS and Ad-hoc Board of Studies on 7th September 2021.
- A two-day online workshop on Syllabus Revision of *FYBSc. Computer Science, Semester II* by Satish Pradhan Dnyanasadhana College, Thane in collaboration with Ad-hoc BoS CS University Of Mumbai on 13th & 14th January 2022.
- One-day workshop on *MSc. Sem-1I Revised syllabus* conducted by RD & SH National College, SWA Science College and University of Mumbai Department of Computer Science in association with Ad-hoc Board of Studies jointly organized on 12th February 2022.
- A National Webinar on *Blockchain as a Gamechanger for Digital Business* by Bhandup Educational Society's V. K. Krishna Menon College of Commerce and Economics and Sharad Shankar Dighe College of Science on 13th January 2022.

◎ Faculty Development Program attended

- A four-day Online Faculty Development Program on *Covidonomics And Education* was organized by Bharatiya Vidya Bhavan's Hazarimal Somani College of Arts and Science, Shri Manubhai Maneklal Sheth Junior College of Arts and Science and Jayaramdas Patel College of Commerce and Management Studies, Chowpatty on 23rd February 2022.
- Participated in FDP on *Axis Women in Motion, Ambition Uninterrupted* Conducted by G.N.Khalsa College on 21st May 2022.

◎ Refresher Course attended

- Completed two-week online Refresher Course on *Information and Communication Technology* organized by the HRDC, University of Hyderabad from 7th to 19th March 2022 and obtained grade 'A+'.

◎ Paper presentation

- Published a Paper *A Comprehensive review of Cloud Computing Security Threats and Mitigation* in Design Engineering International Journal in October 2021.
- Published a Paper *Detection of Cyber-Attacks in Cloud Computing using Optimization of Traffic Content and Ensemble Classifier* in May 2022.

Ms. Rashmi Pote

◎ Webinars/Workshops/Conference attended

- *Strengthening Your Understanding Of Research Journals* organized by K.J. Somaiya in collaboration with ELSEVIER on 10th July 2021.
- A three-day workshop on *Revised Syllabus of FYBSc. Computer Science- Semester I* by R. P. Gogate College in collaboration with Ad-HOC BoS CS University Of Mumbai on 8th to 10th July 2021.
- *Trends In Computing Technology - A Path Ahead* organized by Mithibai College- RUSA on 17th July 2021.
- Webinar on Using tools to prevent plagiarism in higher education organized by K.J. Somaiya in collaboration with Turnitin on 30th July 2021.
- Webinar on *Roadmap to research in the field of Computer Science* on 31st July 2021 organized by Lala Lajpatrai college of commerce and economics.
- Workshop on *MSc. Sem-1 Revised syllabus* organized by UDCS and Ad-hoc board of studies on 7th September 2021.
- Webinar on National intellectual property awareness mission organized by Intellectual property officer, India. Gov. of India ministry of commerce and industry on 11th February 2022.

◎ Faculty development program attended

- Two-day FDP on AR/VR from 3rd and 4th July 2021, organized by G. N. Khalsa College.
- National Level FDP on *Research Paper Writing (Abstract to Conclusion) for Quality Journals (Scopus/ABDC/Hi-Index)* organized by Akbar Peerbhoy College of Commerce & Economics (NAAC Accredited College) M.S. Ali Road, Two Tanks,

Grant Road (E), Mumbai, Maharashtra, India on 13th Sep 2021.

◎ **Paper presentation in national and international conference**

- Presented paper titled *Securing cash withdrawal with the help of Smart Mobile Banking Application* in international conference on interdisciplinary research in technology and management on 24th to 26th February 2022. The paper was then published by IEEE and is Scopus indexed.
- Presented a paper titled *Review on automated teller machine transaction methods* at National conference on open source data science on 5th March 2022 and won Second Prize.

Ms. Sunita Rai

- ◎ Started a website “<https://cscornersunitarai.com>” for providing free contents on different technologies and programming languages.

◎ **Seminar/ Webinar/workshop attended**

- A three-day workshop on *Revised Syllabus of FYBSc. Computer Science- Semester I* by R. P. Gogate College in collaboration with Ad-HOC BoS CS University Of Mumbai on 8th to 10th July 2021.
- *Trends In Computing Technology - A Path Ahead* organized by Mithibai College, Vile Parle on 17th July 2021.
- National Webinar on *Artificial Intelligence* organized by Rajiv Gandhi College, Vashi on Thursday 22nd July 2021.
- National Webinar on *Cyber Resilience and Internet Safety* Organized by Department of Commerce, Department of Computer Science & IQAC of Dapoli Urban Bank Senior Science College, Dapoli on 30th July 2021.
- National Webinar on *Academic Project-A gateway to Professional Career* on 2nd August 2021.
- National Webinar on *Nuances of Research Integrity* Organised by IQAC and Research Cell of Guru Nanak Khalsa College Of Arts, Science and Commerce (Autonomous), Matunga on 7th and 9th August 2021.
- Seminar on *Artificial Intelligence - Relevance &*

Future by PTVA's Sathaye College on 14th August 2021.

- Workshop on *MSc. Sem-1 Revised syllabus* organized by UDCS and Ad-hoc board of studies on 7th September 2021.
- National Level Webinar on *Cyber Crime and Policing the Dark Web* by Wilson College Dept of IT on 17th February 2022. MSc. Part I Sem II Revised Syllabus
- Workshop on *MSc. Part I Sem II Revised Syllabus* by R.D. National College, and SWA College on 12th Feb 2022.
- One-day National Webinar on *Cyber Unsafe* by B. K. Birla College (Autonomous), Kalyan Department of IT under 'Star College Scheme' of DBT, New Delhi on 5th March 2022.

◎ **Faculty Development Program attended**

- National Level two-day FDP on *Online Research Resources & Ethical Integrity* by University Of Mumbai And Lala Lajpatrai College Of Commerce & Economics on 13th & 14th August 2021.
- Five-day FDP on *Data Analytics and Applications* by K.C College under the aegis of DBT Star Scheme from 14th -19th March, 2022.
- Three-day *Certificate Course in Machine Learning Fundamentals* by MET Mumbai from 7th to 9th April 2022.

Ms. Kamini Patil

◎ **Webinars/ Workshop/ Conference attended**

- Three-day workshop on *Revised Syllabus of FYBSc Computer Science- Semester I* by R. P. Gogate College in collaboration with Ad-HOC BoS CS University of Mumbai from 8th to 10th July 2021.
- Workshop on *MSc. Sem-1 Revised syllabus* by UDCS and Ad-hoc board of studies on 7th Sept 2021.
- Webinar on *Cyber Security* by Mr Sachin Dedhia, G.N.Khalsa College on 23rd August 2021.
- Workshop on *MSc Part I Sem II Revised Syllabus* by R.D.National College, and SWA College on 12th Feb 2022.

- Two-day workshop on revised *syllabus of FYBSc. Computer Science Semester II* by Satish Pradhan Dnyansadhana College, University of Mumbai and Ad-hoc Board of Studies in Computer Science on 13th & 14th January 2022.
- Four-day Online Faculty Development Program on *Covidonomics and Education* Organized by the Bachelor of Management Studies (BMS) Department of the College on 23rd February 2022.
- Two-week online *Refresher Course on Information and Communication Technology* organized by the HRDC, University of Hyderabad from 7th to 19th March 2022 and obtained grade 'A'.
- Published a Paper *Performance Analysis of Load Balancing Algorithms Based on Swarm Intelligence in Cloud Computing* in Design Engineering International Journal in October 2021.
- Published a Paper *Optimization of Bag-Of-Resource Scheduling in Cloud Computing Using Clustering Algorithm & Particle Swarm Optimization* in May 2022.

INFORMATION TECHNOLOGY

☉ Launch of New PG Program

- Department is happy to announce the introduction of a new PG program "*MSc.-Information & Cyber Security*" from academic year 2022-2023 with intake capacity of 40 students
- Orientation Program was conducted on 21st September, 2021 for FYBSc.-IT students and parents.

☉ E-Spark-An Intercollegiate Festival

- IT Fest "E-Spark" was conducted on 14th March 2022. Various events like Exhibition on IoT projects, Poster making competition, Wire Jolt, Cooking without Heating, Nail art, Ludo and various coding and gaming events were conducted. Around 500 students participated in various events and had won exciting prizes.

☉ Seminars / Workshops

- A webinar Cyber Sakhi was conducted by

Mrs. Manisha Salvi (Corporate trainer) on 21st August 2021 for female college students to foster digital empowerment, a safe cyber experience and ensure mental well-being in cyber space. This program was sponsored by Bank of Baroda Financials. 180 students were benefited from this seminar.

- Workshop on Software testing was conducted for SYBSc.-IT by Mr. Jivneesh (Corporate Trainer) on 5th February 2022 75 students attended this seminar.
- A workshop on Aptitude Test Preparation for TY Students by Mr. Vishwajeet Dhupe on 4th Feb 2022. 140 students were benefited from this workshop.
- A Workshop on Job Skills & Interview Preparation was conducted by Mr. Kalyan (Corporate Trainer) for TYBSc. students on 6th February 2022. 86 students were benefited from the training.
- A workshop on Web Designing was conducted by Mr. Shitalprasad Vishwakarma for TYBSc.-IT students on 13th Feb 2022. 100 students were benefited from workshop.
- A workshop on Data Analytics was arranged by Ms. Madhru Jha for TYIT. 50 students were benefited from workshop.

☉ Looking Beyond the Syllabus

Value Added Certificate Courses

- An online certificate course on *User Interface Developer* was conducted by Mr. Prasad Vishwakarma FYBSc.-IT students from 28th Jan 2022 to 31st May 2022. 11 students were benefited from this course.
- A sixty-hour online certificate course on *Cyber Security* was conducted by Ms Darshana Kernekar for FYBSc.-IT students from 23rd January 2022 to 10th April 2022. 20 students have successfully completed this course.
- An online sixty-hour certificate course in *Machine Learning* was conducted by Bloom Zen Pvt. Ltd for SYBSc. students and it was held on 25th February 2022 to 22nd June 2022. Thirteen

students participated and completed the course successfully.

- An online sixty-hour certificate course on *Android App Development* was conducted by Ms Anamika Dhawan (TCS) for TYBSc.-IT students from 21st May to 21st July 2022. 21 students were benefited from this webinar.
- An online sixty-hour certificate course on *Angular* was conducted by Mr Bharat Chilampuram for TYBSc. -IT from 21st May 2022 to 21st Aug 202. 56 students were benefited from this training program.
- A sixty-hour value added training program on R & Tableau were conducted by Mr. Ashraful Yar

Ali Idrisi from industry from 21st Aug 2022 to 21st Oct 2022 for BSc.-IT. 11 students completed the training successfully.

Students' Achievements

- Mr. Aryan Kale of SYBSc.-IT played for college cricket team on 30th June 2022 at district level.
- Mr. Avinash Bhimrao Chavan of FYBSc.-IT attended a camp under Azadi ka Amrut Mahotsav leadership on 20th March 2022 held at university level.
- Mr. Sandeep Gupta from SYBSc.-IT participated in Poetry Recitation intercollegiate competition .

Placements

NAME OF THE STUDENT	COMPANY NAME	DESIGNATION	SALARY OFFERED
Shruti Sharad Basutkar	Capgemini	Analyst/Software Engineer	5LPA
Varsha Krishna Phalake	TCS	Frontend Software Developer	6LPA
Nidhi Virendrapratap Singh	TCS	Software Developer	6LPA
Mandeep Singh Bhode	TCS	Analyst/Software Engineer	5LPA
Suraj Tripathi	Here Technologies	Spatial Data Specialist I	5.5LPA
Dayal Singh Thakur	Here Technologies	Software Engineer	5LPA
Nikhil Nitin Nawle	Deloitte Consulting	Associate Analyst	4LPA
Manikandan Nadar	L A Technologies Private Ltd.	Network Security Services	4LPA
Shubham Vinayak Dalvi	Antraweb Technologies Private Ltd.	.Net Developer	4.5LPA
Mandeep Singh Jaswal	Nimapinfotech	Backend developer	3.5LPA
Dipesh Ajit Pingale	Proteus Technology Pvt. Ltd.	Junior Java Developer	4LPA
Ashok Mohite	Wainance Ltd. Ilstreet F	Junior Angular Developer	4.5LPA
Pooja Tendulkar	Sequaretek Pvt.Ltd.	Associate Consultant	4LPA
Amrinder Singh Sohal	Softcell Technologies Global Pvt. Ltd.	Support Engineer	3LPA
R Maathesh Rajaram	Gbim Technologies, Mhape	SOE Executive	3.5 LPA
Khalsa Lakhwinder Singh	Sify Technologies	Network Engineer	5.5LPA

NAME OF THE STUDENT	COMPANY NAME	DESIGNATION	SALARY OFFERED
Khalsa Gurupahul Singh	Eclinical Works	Database Implementation Specialist	6LPA
Imran Salmani	Go-IndiGo	Server Administrator	2.2LPA
Bhumi Bhatt	MYNTRA	Server Champion	2.5LPA
Shubham Rane	Impac Impact	Desktop Support Engineer	2. LPA
Ritu Sharma	IPSOS	Survey Programming	3.6 LPA
Arshyan Ahmed Khan	Synmiles, Hyderabad	Software Engineer	3.6LPA
Adarsh Dalvi	Synmiles, Hyderabad	Front End Developer	2.4LPA
Reshma Pawar	Synmiles, Hyderabad	Software Tester	1.8LPA
Jaspreet Singh Bole	Sterlite Pvt. Ltd.	Network Engineer	3.4LPA

Faculty Achievements

Dr. Jasbir Kaur

● Facilitated seminar/workshops on

- Cyber Sakhi for girls students
- Aptitude Test preparation
- Workshop on Software Testing
- Workshop on “Job Skills and Interview preparation”, “Web Designing”
- Workshop on “Web Designing”
- Workshop on “Data Analytics”
- A Workshop on “Job Skills & Interview Preparation” was conducted on 12th Feb 2022 for TYBA, TYBCOM, TYBMS, TYBSc. students. Mr. Kalyan a corporate trainer was the resource person. 96 students were benefited from the training.
- A Workshop on “Banking Competitive Exam Preparation” was conducted on 13th Feb 2022 for BA, BCOM, BAF, BBI, BMS & BSc. students. Mr. Vishwajeet Dhupe was the resource person. 40 students attended this workshop.
- A workshop on “Social Media Marketing” was arranged on 19th Feb 2022 for Arts & commerce stream TY students. Mr. Shitla prasad Vishwakarma was resource person. 42 students were benefited from this workshop.
- An Expert Guest lecture on “Share Market & Technical Analysis” was conducted on 5th

March 2022 for TYBA, BBOM, BAF, BBI, BMS students. Ms. Paveena Singh (an expert in investment banking in a foreign bank) conducted the session. 40 students attended the session.

Ms. Gauri Chavan

- Panel member of the Selection Committee at NM College, Vile Parle.
- Subject Expert for the interview of Assistant Professor and Assistant Teacher – IT at Narsee Monjee College scheduled on 13th May 2022 and 15th July 2022.
- **Seminar/Workshop /FDP Attended**
 - A five-day national level workshop on *Recent Advancements in Research Methodology* conducted by Narsee Monjee College of Commerce and Economics from 4th to 9th Sept 2021.
 - Attended FDP on *Effective Documentation For Teaching Faculty* organized by IQAC-AQAR G.N. Khalsa College Matunga on 24th March 2021.
 - FDP on *Making effective and winning presentation* for research paper organized by IQAC Akbar Peerbhoy College, Mumbai on 4th March 2021.

Ms. Pinky Panda

- Attended a FDP on *Mind -Body Connection* conducted by G.N.Khalsa College, Criterion V on 27th Jan 2022.

- Attended a FDP on *Effectuated documentation* conducted by G.N.Khalsa College, IQAC-AQAR on 24th March 2022.
- Participated in a five-day National level workshop on *Recent Advancements in Research Methodology* organized by NM College of Commerce & Economics from 4th to 9th Sept 2021.
- Participated in National Online FDP on Making Effective & Winning Presentation for Research Paper conducted by Akbar Peerhboy College of commerce & Economics on 4th March 2022.
- Participated in FDP on *Axis Women in Motion, Ambition Uninterrupted* conducted by G.N.Khalsa College on 21st May 2022.

Ms. Meenakshi Paul

- ⊙ Completed four week course on *Designing Learner-Centric MOOCs* from NPTEL, 24th Jan to 18th Feb 2022.

Mr. Rohan Parab

- ⊙ Attended a two-day Faculty Development Program on *AR/VR* 3rd & 4th July 2021.
- ⊙ Attended a state level webinar on Roadmap to Research in the Field Of Computer Science Organized by Lala Lajpat Rai College on 3rd July 2021
- ⊙ Attended a FDP on A Key to Success *NTA-NET/SLET* Paper-I organized by B.K.Birla College on 28th June 2021

BIOTECHNOLOGY

- ⊙ A guest lecture by Ms. Anuradha Bhatkar, Resource person, YGPT (Youth for Global Peace and Transformation) for TYBSc. and SYBSc. students on “Understanding Uncertainties” was organized on 9th August 2021. Total 155 students benefited.
- ⊙ A guest lecture by our alumnus Dr. Saurabh Attarde, Post Doctoral Fellow, IISc., Bangalore, on “Biogeographical venom variation in Indian Snakes underscores the pressing need for pan-India efficacious snakebite therapy” for TYBSc. and MSc.

Part 2 students on 28th August 2021. Total 110 students benefited.

- ⊙ A webinar on “Application of Biotechnology in Healthcare: Diagnosis of Congenital bleeding disorders.” by Dr. Rucha Patil (PhD), Scientific Officer B, ICMR – NIIH was organized for the UG students on 2nd September 2022. Total no of students benefited : 115.
- ⊙ A webinar on Stem cells in regenerative medicine. What is the reality? by Dr. Sanjeev Waghmare, Senior scientist, ACTREC, was organized for UG and PG students on 14th October 2021. Total 150 students benefited.

Students' Achievements

- ⊙ TYBSc. Student Mr. Rohit Prajapati cleared GAT-B 2022 with an All India Rank 48 and Cleared IIT-JAM 2022 with All India Rank 45. Currently pursuing MSc. (Biotechnology) from Regional Centre for Biotechnology (DBT), Faridabad.

Faculty Achievements

Dr. Chiradeep Sarkar

- ⊙ **Publications**
 - ‘Bhringraj: A Pharmaceutical Treasure Trove’- D. Mukharjee, S. Lokwani, C. Gonsalves, A. Dave and C. Sarkar *(Corresponding Author), IJONS, 12(68), p.35231-35239, 2021(IF-1.988)’.
 - Fatal Familial Insomnia : A Fatal Sleep Disorder’, Bincy Biju and Chiradeep Sarkar in OSF, 2022.

Ms. Indumathi Pushparaj

- ⊙ **Attended/Participated**
 - A webinar on “Improving Research & Performance Outcomes using the Science Direct Platform” conducted by G. N. Khalsa College in association with ELSEVIER, Presented by Vishal Gupta, Senior Customer Consultant, South Asia, Lavanya Trikha Solutions Consultant-Research Reference on 26th July 2021.
 - Online certificate FDP course on Biomedical Nanotechnology conducted by NPTEL between August - September 2021.
 - A webinar on “Application of Biotechnology in

Healthcare: Diagnosis of Congenital Bleeding disorders.” by Dr. Rucha Patil (PhD), Scientific Officer B, ICMR – NIIH was organized for the UG students on 2nd September 2022. Total no of students: 115

- An online Refresher course conducted by UGC-HRDC University of Mumbai on ‘Environmental Science’ between 22nd September - 5th October, 2021

Ms. Shrushti Gamre Nikam

- Value added course in “Psychology and Counseling” conducted by Cogito Training and Counseling Center, Goregaon (East), Mumbai; from 5th to 20th June 2021.

BIOINFORMATICS

- Inter-collegiate festival named as “*BION*” from 25th to 26th March 2022 was organized with theme - “*Human and Technology*”. Inaugurated by Mr. Sanjeev Waghmare, Principal Investigator Waghmare Lab Scientist “E” ACTREC TMC, followed by various activities like quizzes, debate, doodle etc.
- Four- day workshop on “*Introduction to Machine Learning for Cancer Data Analysis and Prediction*” was organized from 19th to 22nd March 2021.
- Conducted workshop on “*FDP on Skills for an enriched academic research career,*” from 23rd to 27th March 2021.
- Arranged Industrial visit to NFB for MSc. Bioinformatics Part 1 on 27th May 2021.
- Two-day of “*Astrobiology Workshop*” was conducted on 22nd and 23rd October 2021.
- A seminar on “*Opportunities after BSc. in GNIRD, G.N. Khalsa College*”, was arranged on 26th May 2021.
- Webinar on “*Embrace Global Education on your Fingertips,*” arranged on 16th December 2021.
- Webinar on “*Next Generation Sequencing*” by Dr. Bharti, Technical Associate, BDG Lifesciences (OPC) Pvt. Ltd. was conducted on 4th June 2021.
- On-campus interview for job and internship at the department by CGD Health company, Hyderabad, was arranged on 25th April 2022.

Students’ Achievements

- Mr Saurabh Dalvi won 2nd prize (Bronze medalist) for research in Avishkar 2021 (University Level) on 31st June 2022 Category in PG.

Faculty Achievements

Dr. Gursimran Kaur Uppal

- Pandey, K., Uppal, G. K., & Upadhyay, R. (2021). Mechanistic Validation of an Ergogenic T. arjuna Standardized Extract (Oxyjun®) Using a Molecular Docking Approach. *European Journal of Medicinal Plants*, 32(12), 54-63.
- Kaur, R., Uppal, G. K. & Sawant, T. Use of COI gene for molecular identification and phylogenetic study of acetates indices from Mumbai coast, Maharashtra, India. *Journal of Advanced Scientific research*, 2021, 12 (2), suppl 2.
- Dr. Gursimran Kaur Uppal, Dr. Sanket Bapat, Shreeya Mhade. Computational Approach to study the effect of point mutations in the development of antifungal resistance to Azoles and Flucytosine Drugs in Candida Auris. *International Research Journal of Multidisciplinary Technovation*, 3(4) (2021) 32-40.
- Aayushi Velingkar, Jyoti D. Vora, Gursimran Kaur (2021). Review of Bioactive Antifungal Properties of novel lectin C-25 in Cicer arietinum. *Experimental Food Science & Nutrition* 2: 40-42.
- Dr. Gursimran Kaur Uppal won 1st prize for paper presentation in an online international conference on “*Novel approaches in life sciences*” organized by G. N. Khalsa College Mumbai from 8th to 9th April 2022.
- Webinar on “*Embrace Global Education On your Fingertips*” 16th December 2021
- Webinar on “*Next Generation Sequencing*” on 4th June 2021 by BDG Lifesciences (OPC) Pvt. Ltd.
- Three days national online FDP workshop on “*ICT tools for Effective Teaching Learning*” organized by IQAC, Kamla Nehru Mahavidyalaya, Nagpur from 8th to 10th June 2021.

Ms. Aparna Patil

- Published paper on “*In-Silico Investigation of Phytochemicals as Anti-Aging Agents against Matrix*

Metalloproteinases using Molecular Docking Approach in the Journal of Plant Science Research (JPSR) in the year 2022.

- Two-day of “*Astrobiology Workshop*,” from 22nd to 23rd October 2022.
- Webinar organized on “*Embrace Global Education On your Fingertips*” 16th December 2021
- Webinar on “*Next Generation Sequencing*” on 4th June 2021 organized by BDG Lifesciences (OPC) Pvt. Ltd.

Ms. Sermarani Nadar

- Certificate Course completed on “*Deep Learning with Keras and TensorFlow*” from 14th to 21st Nov 2021 Artificial Intelligence Engineer by IBM.
- Attended Two days of “*Astrobiology Workshop*,” from 22nd to 23rd October 2022.
- Webinar organized on “*Embrace Global Education On your Fingertips*” 16th December 2021.
- Attended webinar on “*Next Generation Sequencing*” on 4th June 2021 organized by BDG Lifesciences (OPC) Pvt. Ltd.
- Webinar on Scholarship and Finance Guidance to Study Abroad talk by Edwise Overseas Education Consultants, 25th March 2021 English Department, Guru Nanak Khalsa College.
- Attended webinar on “*Stress Management*” talk by Shri. Mahesh Gaikwad on 19th February 2022 organized by G. N. Khalsa College, Health and Hygiene committee.
- Attended “*Data Science using R programming*” from 4th to 5th March 2022, organized by Ruia College.
- Attended webinar on “*How to write a Research paper - A Beginner’s Approach*,” from 22nd February 2022 organized by IT Department of SIES College (Autonomous).
- Webinar on “*Career Guidance by Mr Pratik Mishra*” organized by CDG Collaborative with Department of Bioinformatics, 29th April 2022.

BIOANALYTICAL SCIENCES (MSc.)

- Students of MSc. Part-I had an interactive session with our alumni Mr. Akshay Nachankar (from batch 2014 - 2016), Clinical Research Associate, Core

clinical research - MedPace Clinical Research India Pvt. Ltd.; Dr. Vibhav Valsangkar (from batch 2011 - 2013), Research Scientist, at Sixfold Bioscience, London on 12th July 2021.

- In commemoration of the 75th Anniversary of India’s Independence, the department organized a Workshop on “*Awareness of Intellectual Property Rights for aspiring minds*” in association with Intellectual Property INDIA and National Intellectual Property Awareness Mission (NIPAM). The resource person for the workshop was Mr. Amol Patil, Examiner of Patents & Designs, NIPAM officer, Patent Office, GOI, Mumbai conducted on 7th January 2022.
- A Workshop on “*Patent Drafting Specifications*” was organized to teach students about protecting their inventions with the help of Patents and other intellectual property. The program was scheduled on 5th, 6th, 12th and 13th March 2022. The resource persons were: Adv. Parag M. More, Patent and Trademark Attorney and IPR consultant, Intellectual Platform; Adv. Ajit A. Kadam, Patent and Trademark Attorney and IPR consultant, Intellectual Platform; Dr. Rupali Shivapurkar, Technical and scientific expert, Intellectual Platform.
- A one day Industrial Visit to *Sitec Labs Pvt. Ltd.* Mahape, was arranged for MSc. Part-I students on 29th March 2022.

NFB (National Facility For Biopharmaceuticals)

- Three Year part time module on “*Protein, Molecular Biology and Tissue Culture*” was conducted for Undergraduate & Post Graduate Students from 6th July to 4th September, 2021.
- An Online Webinar on “*Know Your COVID19 Test. How do they do it?*” was conducted by Dr. Avinash Phadke, President, SRL Diagnostics Pvt. Ltd & Dr. Lalitkumar Anande, Former superintendent, GTB Hospital, Sion on 22nd May, 2021.
- An Online Workshop on “*Gene Cloning in Prokaryotes*” was conducted by Mr. Vikas Jha on 26th May, 2021 and 35 participants enrolled for the workshop.

- ⊙ An online workshop on “*Recombinant Protein Production & Expression Analysis*” was conducted by Dr. Vinal Pardhi from 16th to 21st June 2021.
- ⊙ A 5-Day online workshop was conducted on “*Basics of Fermentation Technology*” which empowered students and industry personnel to learn the working of a lab scale fermentor from 29th June to 3rd July 2021
- ⊙ A Seminar on “*Induced Pluripotent stem cell therapy for treatment of retinal ganglion cell death in Glaucoma*” was conducted by Dr.Venkata Murthy on 25th November, 2021.
- ⊙ Workshop on “*Hands on training on Affinity Chromatography*” held on 28th to 29th April 2022.
- ⊙ A 2-Day Workshop on “*Hands on training on Affinity Chromatography*” was conducted at the Chemistry Department of G.N. Khalsa College.
- ⊙ The Faculty Development Program was conducted on “*HPLC LC-MS/MS*” from 8th to 16th November, 2021.
- ⊙ Attended workshop “*Elevate Your Pitch*”.
- ⊙ Attended webinar on “*Prebiotic Mechanisms and Immunity Focus*”, hosted by Global Prebiotic Association, Texas.
- ⊙ Attended Consolation Prize in Avishkar Research Convention.
- ⊙ Attended workshop MS-DEED Level 1 Online Workshop on “Introduction to Innovative Pedagogies for Science & Mathematics Undergraduate” with emphasis on NEP 2020. Hosted by MSFDA Centre for Multi-disciplinary curriculum & pedagogy established under the Department of Higher and Technical Education, Govt. of Maharashtra and organised by IISER Pune.

Ms. Ananya Chavan

- ⊙ Attended Certificate course on Dashboard Designing (using Google Data studio) Jatan Shah Academy.

FYIC BIOANALYTICAL SCIENCES

- ⊙ **Seminars/workshop/FDP Organized**
 - Webinar on “*Demystifying Emotional Intelligence*”
 - Webinar on inspiring “*Entrepreneurial Journey*”
 - Webinar on “*How to Read Scientific Literature and Introduction to MANAV Human Atlas Initiative*”.
 - Independence Day Celebration
 - Webinar on “*DREAM IT, BE IT.*”
 - National Free Eye Donation Fortnight
 - Webinar on “*ASTROBIOLOGY*”
 - International webinar on the “*Radiation resistant bacteria for the elimination of nuclear weapons.*”
 - Online Demonstration of HPTLC-MS, Instrumentation, and software.

Faculty Achievements

All faculty members attended the workshop on “Health, Food, Nutrition and Data”, Ashoka University.

Dr. Kavita Pandey

- ⊙ Attended Five day session for an online workshop on “*Getting started with Online Teaching*” hosted by CDAC.

BAMMC-BMM

- ⊙ **RevivingBazaar:** A tribute to the famous Indian short story writer, playwright, director and producer for film, Late Sagar Sarhadi was paid by the students on 14th August 2021 by presenting short films on various social issues via Google platform. Ramesh Talwar, famous film director, co-producer, actor and nephew of Sagar Sarhadi was the guest of honour. The judges of the event Ajay Govind, a filmmaker, Raman Kumar, a writer and director, Ravi Prakash Pillai, a film director were present on the occasion. Team *Bandish* and Team *Pinjara* bagged the 1st and 2nd position respectively.
- ⊙ **Ek Yusifi Yug:** Famous actor, Dilip Kumar would be remembered as a cinematic legend. He was blessed with unparalleled brilliance, due to which audiences across generations were enthralled. The students of BAMMC gathered together to pay tribute to Late actor Dilip Kumar. They made a short film “Ek Yusifi Yug.” Actor Avtar Gill gave the voice over for the short film. Students team included Sanjana Gardas , Pratik Bamugade, Rizwan Shaikh, Harshada Panchal, Isha Gawre, Sapna Jagtap and Yash Apradh. Ek Yusifi Yug was screened on 14th August 2021.

- ◎ **The Films Division of India** organised an online Webinar on “Technical Advancement in Film Making over the years” on Sunday, 29th August 2021 on Google Meet Platform under ‘Azadi ka Amrit Mahotsav’. Around 20 students were selected to attend the webinar.
- ◎ **Online Industrial Visit** to OM Fixtures Pvt Ltd Company was organised on 1st August 2021 for the students of BAMMC. The following topics were covered: History of the company, Product, Type of clients, Factory rules & regulation, Factory laws that are being practiced, Problems/challenges faced, Number of labour/employees working, how the pandemic has affected its regular working, how did the company cope up? The Visit culminated with an online live visit to the factory.
- ◎ **Undergraduate Research Symposium 2021** was organized on Wednesday, 1st September 2021 for the TYBAMMC students. Research Papers were invited under the subject ‘Advertising and Marketing Research’. A total of 14 selected papers were presented on the day. Each participant was given 8 minutes to deliver a presentation on their research subject, outlining the significance and findings. The Jury members were: Dr. Hanif Lakhdawala , Director, AP College, Dr. Shubha Mukherjee Assistant Prof, GN Khalsa College, Dr. Priyanka Bassi , HOD, Department of Mass Communication and Journalism BBK DAV College, Amritsar, Punjab and Dr. Anusha Ramanathan, Assistant Professor, Tata Institute of Social Sciences, Mumbai. Cash prizes with certificates were awarded to the students. Mugdha A Ghate and Avleen Kaur Chadha bagged the first position, Sahiti Gurram and Pratik Bamugade bagged Second position and Kimaya Mhatre was awarded the third place.
- ◎ **The Orientation Programme for FYBAMMC** was organized on 20th September 2021. The theme of the event was the Nth Wave of Newness.
- ◎ **The Induction Programme for FYBAMMC** was held on 21st September 2021 from 10:00 am onwards on google meet platform. The program was for all the FYBAMMC students 2021-2022 batch to have a bonding session with their seniors and to know more about the college and the department
- ◎ **Film Communication Intercollegiate Workshop:** A three-day Film Communication Intercollegiate Workshop was organised from 22nd to 24th September 2021 for SYBAMMC students. The resource persons were Mr. Akashaditya Lama, Dr. Shyam Chothani and Mr. Chetan Mathur. The workshop dealt with topics like: story writing, script writing, how technology and art are a part of filmmaking etc, around 130 Students benefited from this workshop.
- ◎ **Expert Interface:** A Live webinar was organised for the students of FYBAMMC under the aegis of the subject Foundation Course-I on the topic “Socio-Political Process in India” by Dr. Gaurav Gadgil on 3rd January 2022.
- ◎ **Piece-to-Camera (P2C):** was organized on Wednesday, 2nd March 2022 under the aegis of the subject- Introduction to Journalism. Shilpa Das, Business News Anchor, IFL, Simran Singh Vig, Sub Editor, DNA First Post and Shweta Verma, Reporter, Mirror Now were the Judges for the day. It was a presentation of a proper news package. The aim of the event was to acquaint the students with the art of news making. Team *Nirbhaya Squad, Tribals of Mumbai and Women Safety* won the first, second and third prize respectively.
- ◎ **An online webinar** on “Giving back to Mother Earth through SDG “conducted by Bombay Management Association(BMA) was attended by the students of FYBAMMC on Tuesday, March 8th, 2022. The Speaker for the session was Shalini Singh (Head Corporate Communication & Sustainability Holcim, India.
- ◎ **Integrated Marketing Communication Workshop** was organised on 10th March 2022. The session was conducted by Mr. Abhisek Pange, head marketing of Tablez India.
- ◎ **Career Guidance Session-1:** GNIMS conducted a Career Guidance session for the students of TYBAMMC at Seminar Hall on 11th March 2022. Mr. Jaiprakash Bhikulal Kabra from Mind Movers Consultants conducted Management Games for

the students and Dr. Kiran Yadav and Prof. Kapil Bhopatkar enlightened students with various avenues in Management Studies.

- ◎ **Career Guidance Session-2:** A Webinar on Careers in Media and Entertainment was organised for the students of TYBAMMC on 19th March 2022 in Collaboration with Yangpoo and We School. The session was led by Dr. Samir Karkhanis. It was an informative session as it enlightened students with various career options in Media and entertainment.
- ◎ **Career Guidance Session-3:** A Career Guidance Session was organised for TYBMM (A) and (B) on Thursday, 19th March 2022. The session was conducted by our alumnus Mr. Siddharth Nakia, Co- founder G.A.M.E (Greening Advertising Media Entertainment) The Speaker with his rich industry experience inspired the students with his words of guidance. He spoke about various career options for BAMMC graduates in the field of media. The students had queries which were resolved at the end of the session.
- ◎ **Value added Certificate Courses**

 - **INSTAGROOM, CAREER GROOM & CORPGROOM**

A value-added certificate course conducted by the Department of BAMMC in association with Department of BMS was redesigned to suit requirements of students at three levels i.e. FY, SY & TY. Instagroom designed for FYBAMMC looks into Self Development, beyond course boundaries. Careergroom is designed for students at SY, guiding them by generating awareness and thereby aptitude for emerging career options. Corpogroom at TY level attempts to make the student corporate ready and employable.

Instagroom: A Six-day Students' upskilling programme was organised for the students of FYBAMMC under Instagroom. Students gained knowledge on Communication skills, Teamwork, Goal setting, Presentation skills and Etiquettes through online mode. The resource person for this session was Ms. Sonia Anand, Image consultant and Soft Skills trainer. The session was conducted from 21st to 28th January 2022.

A 4-day online (30 hours Course was organised for FYBAMMC students from 28th March to 31st March 2022 conducted by Pratik Panigarhi, Global Psycho Geometrics Facilitator and Corporate trainer. The students were trainer on the 'The Power of Beliefs'

Careergroom: One-week (30 Hours) certificate program was organised for SYBAMMC in collaboration with SCORE PR Institute on *Public Relations*. The topics covered were Fundamentals of PR, PR in practice, Campaign planning, Power of Content, Masterclass in communications. The session was conducted by Public Relations Corporate trainers and PR professionals from 29th November to 4th December 2021.

Another online Certificate Course was organized under Careergroom on 'Digital Marketing' in association with IIDE from 8th March to 12th March 2022. The session was conducted by Ms. Reshma Shaikh, Digital Marketing Trainer, IIDE. Some of the modules of the session were SEO, SEM, and Social Media- Organic etc.

- ◎ **Corpogroom:** A 5-day Certificate course in 'Emotional Intelligence' was organized for TYBAMMC from 30th November to 4th December 2021, by Corporate Trainer, Riti Menda <https://www.rmapproach.com/>
- ◎ One-week (30 Hours) certificate program was conducted under Corpogroom. The sessions were conducted by corporate trainer Mr Prantik Panigrahi from 7th March to 10th March 2022.
- ◎ **Synergy:** As a part of philanthropic activity, students distributed old wearable clothes to the slum and street dwellers at four locations in Mumbai: Matunga Arora Theatre, GTB Nagar, Tata Hospital and Worli Koliwada on 17th February 2022.
- ◎ **Elixir-** Department of BAMMC hosted the Annual Intercollegiate Festival - Elixir, on 21st and 22nd February 2022 on the virtual platform - Zoom Meet. The theme for this year was *Reviving Dastaans*, celebrating numerous eras from the Indian Period Dramas. Students from more than 20 BAMMC colleges had participated in 12 events conducted during the festival.

- ◎ **Tie and Saree day:** Students of BAMMC celebrated Tie and Saree Day on 30th April 2022 at the College Quadrangle.
- ◎ **Industrial visit to Silvassa and Daman:** Industrial Visit was organised for the students of BAMMC to Silvassa and Daman from 4th to 6th June, 2022. The Industries visited were Mini toys and Parle- G.
- ◎ **MIFF-2022:** BAMMC students participated in 17th *Mumbai International Film Festival* Organised by the Film Division of India from 29th May to 4th June 2022. Following students participated in the festival: Omkar Parab, Shrihari Prayag, Kaumudi Vaidya, Sayantika Show, Viraj Bagade, Vinayak Sarvode, Amrit Kaur Bahal, Khushi Kaur Grewal and Japjeet Kaur Gill in Cultural Programme, Samruddhi Dange, Riya Gupta, Shubhangi Ray in Anchoring, Ajeet Singh Bhamrah for volunteering.

Students' Achievements

At Various College Festivals

- ◎ **KIRAN BLITZKRIEG - KC COLLEGE FEST- held on 26th January 2022**
 1. Siddhi Katkar of SYBAMMC won first place in Poetry Recitation
 2. Sarthak Deo of FYBAMMC won first place in Extempore
 3. Sushant Silva of TYBAMMC won first place in TVC event
 4. G. N. Khalsa College Won the Best PR Trophy.
- ◎ **RETAKE 2022 - LS RAHEJA BMM FESTIVAL – held on 27th to 28th January 2022**
 1. Sitaram Lad of SYBAMMC won first position in Caricature Event
 2. Siddhi Katkar, Dhiren Mistry, Swaran Singh Bela, Mihir Duggal collectively bagged third position in TVC & Marketing Event.
 3. Harsh Vardhan & Trupti Pawar bagged first place in Journalism event
 4. G. N. Khalsa College Won the Best PR Trophy.
- ◎ **IMPRESSIONS 2022 - VES COLLEGE FEST – held on 11th to 13th February 2022**
 1. Juee Jiman of SYBAMMC bagged first position in Photography event
 2. Vinayak Sarvode of FYBAMMC bagged first position in RAP
 3. Siddhi Katkar of SYBAMMC bagged second position in Mono Acting event
 4. Siddhi Katkar of SYBAMMC bagged third position in Tattoo Making
 5. Sarthak Deo of SYBAMMC bagged third position in Open Mic event
 6. Mitali Kadam of SYBAMMC bagged third position in Tattoo Making
 7. Swaran Singh Bela of SYBAMMC bagged third position in Stand-Up Comedy
 8. Kashyap Karande, Rajdev Singh Aulakh, Siddhant Kamble, Shantanu Baduri bagged third position in BGMI Event
 9. Pritam Patra, Shubham Joahi, Shubham Pendkar, Tannishtha Sharma, Rohit Nandan bagged first position in Valorant event
 10. Pratik Bamugade, Samruddhi Dange, Viraj Bagade, Dhvani Gala, Vinayak Sarvode, Dhiren Mestri, Maithili Kambli, Tanvi Surve, Sakshi Brid, Arya Patil, Vivek Gupta bagged Second Position in Short Film Making
 11. Dhiren Mestri, Tanvi Surve, Om Chanda, Samarth Sonawane, Vedashri Nalavade, Rtika Surve bagged first position in Fashion Show
 12. Vaibhav Malhotra, Bushra Naaib, Vedashri Nalavade, Mihir Duggal, Tanvi Surve, Om Chanda bagged second position in Dance
 13. G. N. Khalsa College Won the Best PR Trophy.
- ◎ **MOKSH – KIRTI COLLEGE**
 1. 13 trophies won at the BMM festival-Moksh
- ◎ **MERAKII- B.K. BIRLA COLLEGE**
 1. Sarthak Deo of FYBAMMC won First prize in Extempore
 2. Viraj Bagade of FYBAMMC won first prize in Stand-up Comedy
 3. Bhomik Mathur of FYBAMMC won second prize in debate
- ◎ **CORTOKINO 2022 - THAKUR COLLEGE FEST**
 1. Band Event: In a group event, Kaumudi Vaidya,

Sahil Raval, Shrihari, Prasad Ghadi, Vinayak Sarvode won second prize.

2. TVC Event: In a group event, Juee Jiman, Vinayak Sarvode, Samarth Sonawane, Shubhangi Ray, Sakshi Brid won second prize.

Faculty Achievements

Dr. Simran A. Chawla

- ⊙ Attended ECP (Extended Contact Programme), a compulsory component of 0organized through Online Mode by Nodal Regional Centre, Patna in collaboration with 10 Regional Centers from 22nd July 2021 to 31st July 2021.
- ⊙ Participated in two-day National level Faculty Development Program on ONLINE RESEARCH RESOURCES AND ETHICAL INTEGRITY organized by the BAMMC Department of Lala Lajpat Rai College of Commerce and Economics in collaboration with university of Mumbai on 13th and 14th August 2021.
- ⊙ Invited as a judge for the contest, The Avalon Ideating Startups - Let's Square the Circle by Avalon Heights International School on Wednesday, 8th September 2021.
- ⊙ Appointed as BoS member BMM (Vice Chancellor Nominee) at Jai Hind College Mumbai, in November 2021.
- ⊙ Appointed as BoS member BAMMC (Vice Chancellor Nominee) at Swami Vivekanand College Mumbai, in December 2021
- ⊙ Participated in National level webinar on *WINDS OF CHANGE-EMPOWERED WOMEN OF 21ST CENTURY* organized on 5th March 2022
- ⊙ Participated in the International Interdisciplinary Webinar on *Ethics and Dialogic Teaching Methodology in Higher Education* organised on Saturday, 19th March 2022. The sessions were delivered by Dr. Elham Hossain (Bangladesh) and Dr. Shivaji Sargar (India).
- ⊙ Participated in One week Online National Faculty Development Programme on Recent Trends in Teaching and Learning Process from 21st April to 27th April 2022. organised by, Dadapatil Rajale

Arts, Science and Commerce College, Adinathnagar (Maharashtra) in collaboration with Guru Angad Dev Teaching Learning Centre (GAD- TLC), Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Ministry of Education.

Ms. Harpreet Kaur Sidhu

- ⊙ Participated in a “Two-day TYBAMMC (Semester V) new syllabus orientation workshop” organized on 2nd and 3rd July 2021 by L.S. Raheja College of Arts and Commerce, Juhu, Mumbai.
- ⊙ Attended FDP on *Coding and Data Analysis for Advertising and Marketing Research* conducted by Bunt's Sanghs's SM Shetty College of Science, Commerce & Management Studies, Powai, Mumbai on 15th and 16th September 2021
- ⊙ Published Research Paper on the topic *To Study the Effectiveness of Transit Advertising among Youth in Mumbai Nat. Volatiles & Essent Oils, 2021; 8(4): 2721-2732*

BMS

- ⊙ **International Logistics Webinar:** Mr Nishant Shah entrepreneur at LOC Relocation conducted an online seminar on *International Logistics* on 4th September 2021 for TYBMS students. The seminar was in collaboration with Podar College.
- ⊙ **Virtual Orientation Programme for FYBMS:** was organized on Monday 20th September 2021. The Online event was named as Journey of making new Memories. A total of 150 students benefited from the programme.
- ⊙ **Induction (Bridge course for FYBMS):** A 6-day Bridge course was organized for FYBMS students from 21st to 26th September, 2021. The Course was aimed at bridging the gap of the students who come from diverse streams. The course included topics like Memory Retention, Mind Mapping, Careers, how to be a Productive Student etc. The resource persons were Dr. Hanif Lakdawala, Trainer and Coach for Brain, Businesses, Career & Team Building, Mentor

for Emotions Equilibrium for individuals & team, Mr. Mehernosh Randeria, an executive Coach, Speaker, Mentor, and Trainer on Mind Mapping.

- ◎ **Webinar for SYBMS & TYBMS Finance:** was conducted on the topic *Equity & Debt Market, Commodities and Derivatives Market on Monday, 24th September 2021*. This seminar was in collaboration with R. A. Podar College & Lala Lajpat Rai College. The resource person for the day was Mr. Aditya Srinivas, Corporate Trainer IBS. The webinar focused on working of operational aspects of the capital market and in specific about the stock market. The webinar also threw light on Macro Economic and Fundamental Research of the Capital Market. This seminar was attended by 80 students from the BMS department.
- ◎ **Waste Management Workshop:** was conducted for SYBMS students on 26th September 2021, by Mr Swapan Ray, Hon Secretary of ICPE. The workshop concluded with a virtual visit of the waste Management plant.
- ◎ **Realm Annual BMS Event:** was organised on 18th Feb 2022 on virtual platform. The theme for this year was Product Management & Psychology *ECTORIUS*. After the inaugural function online management games were hosted by the BMS volunteers. Students from 12 different colleges participated in the event.
- ◎ **Webinar on FINTECH:** was organised for SYBMS & TYBMS Finance students by Dr. Hardeep Kaur, Faculty Mulund College of Commerce on 21st Feb 2022.
- ◎ **CGSI Virtual Seminar:** A Webinar in collaboration with CGSI was organised for the students on the topic How to be a wise consumer and Smart Investor on 25th February 2022
- ◎ Live webinar on Currents Affairs was conducted by Dr. Gaurav Gadgil, Expert Interface trainer, highlighting the socio-political process in India for FYBMS students in collaboration with BAMMC on 3rd March 2022.
- ◎ **Workshop on Integrated Marketing Communication:** was conducted for SYBMS Marketing on 10th March

2022 by Mr Abhishek Pange, Head Marketing at Tablez India.

- ◎ **PG Next at GNIMS:** was organized for TYBMS students by GNIMS Department to provide information about post-graduation academics and avenues to the last year students on 11th March 2022.
- ◎ **Certificate Courses:** 30-hour certificate courses were conducted for FYBMS, SYBMS & TYBMS students in both Semesters. InstaGroom from FYBMS was conducted from 21st to 28th January 2022 by Ms Sonia Anand, certified Image Consultant & Soft Skill Trainer. CareerGroom was conducted for SYBMS students 8th to 17th March 2022 by Ms. Reshma Shaikh, Digital Marketing Trainer at IIIDE. CorpGroom for TYBMS students was conducted from 28th to 31st March 2022 by Mr. Prantik Pranigari, Facilitator and trainer for Global Psychometrics.
- ◎ **Industrial Visit Silvassa:** Industrial Visit was organized for FYBMS & SYBMS students from 4th to 6th May 22 to Silvassa. Students visited Parle- G factory and Toy factory .

Students' Achievements

- ◎ Agamjot Ajmera of SYBMS won 2nd position in the Avion event at NMIMS Vashi.
- ◎ Samuel Pinto won 1st position at the Corporate Hungama event of Mulund College of Commerce.
- ◎ Aditya Anand won 2nd position at Corporate Hungama event of Mulund College of Commerce.
- ◎ Ayush Phalke secured 2nd position at Judo Federation of India & Maharashtra Olympic Federation.
- ◎ Ankita Chavan won 3rd position at Mysitque event organized by HR College of Commerce.
- ◎ Disha Yadav secured second position at Bizolyemics event organized by HR college of Commerce.

NSS

- ◎ Two hundred students from 22 different courses registered for NSS for the academic year 2021-22. Various activities of approximate 1005 hours were

carried out and 115 volunteers have successfully completed their 1st and 2nd Year in NSS Two years program.

Unit Activities

- ⦿ A Webinar on the occasion of World Environment Day was conducted on 5th June 2021 in which a total of 151 students and teachers participated. Resource person for the Occasion was Dr. Purushottam Kale, Paryavaran Dakshata Mandal, Jt. Secretary, ATBS.
- ⦿ NSS unit in association with United Way Mumbai participated in Chimbai Marine Biodiversity Field Guide Launch Event on 18th June 2021 in which 40 Students participated.
- ⦿ Students actively participated in Plastic Waste Collection Drive in Association with GGRF, Shakti Plastics and Dalmia Industries on 26th June 2021, 13th October 2021, 23th December 2021 and 4th March 2022. In all 46 students participated and collected 615.98 Kg of MLP, Plastic Bottles and Milk Bags.
- ⦿ Van Mahostav 2021 was celebrated from 1st to 5th June, 2021. A total of 74 volunteers participated in the plantation drive and 222+ saplings and trees were planted.
- ⦿ Paper/Cloth Bags Preparation Event was conducted on 10th July, 2021. 47 Students participated and 500+ bags were prepared.
- ⦿ Tree Plantation in College Premises was conducted on 23rd July 2021. 9 volunteers participated.
- ⦿ NSS Unit helped in College Gardening & Composting activities on regular basis which were carried out from August to October 2021 and from December 2021 to February 2022. Total 184 volunteers participated in the said activity.
- ⦿ Various activities related to Environment & Health was carried out in our adopted Village Akloli specially in Primary Health Center (PHC), Vajreshwari on 7th September 2021.
- ⦿ Plastic Waste Management and Awareness Campaigning was conducted in collaboration with Global Green Resonance Foundation (GGRF) on 28th October 2021. 32 Volunteers participated.
- ⦿ Webinar on Plastic Waste Management in association with Global Green Resonance Foundation (GGRF) was organized on 31st October 2021. Mr. Ajay Rajput, Secretary, GGRF was the resource person. 114 participated in the webinar.
- ⦿ Webinar on Two Wheels One Life was organized in collaboration with United Ways Mumbai (UWM) on November 1 & 2, and 12th December 2021 in which 137 volunteers participated.
- ⦿ Compost selling was organized in our college by NSS Unit on 11th December, 2021. 7 students managed the counter for selling.
- ⦿ Our NSS volunteers helped in Road construction, Cleaning, Gardening & worked in Nursery at Maharashtra Nature Park, Mahim. A total of 186 volunteers participated in the activity from 28th December 2021 to 1st January 2022 and 9th January 2022 to 20th March 2022 (Every Saturdays & Sundays).
- ⦿ Two Wheels One Life Poster Making Competition was organized by G. N. Khalsa College, Matunga in which 19 NSS Volunteers participated on 28th January 2022.
- ⦿ Rally for Pradhan Mantri Matruvanda Yojana Organized by MCGM 'F' North Ward was organized on 30th January 2022 in all 15 of our volunteers participated by introducing Government schemes to society.
- ⦿ Road Safety Week was organized by United Ways Mumbai (UWM) on 11th February 2022 and 41 students participated in different activities.
- ⦿ People's Participation in Decentralized Waste Management was organized by our NSS Unit on 15th March 2022 in which Mr. Subhash Dalvi was the resource person and 51 NSS Volunteers participated.
- ⦿ Mithi River Awareness Drive and Street Play was done by our NSS UNIT on 20th March 2022 in collaboration with Gully Classes Foundation in which 30 NSS Volunteers participated.
- ⦿ Akloli Visit (Bandhara Building and Clean Up) was organized on 3rd April 2022, 16 Volunteers actively worked for constructing second Bandhara at Usgaon, Palghar.
- ⦿ Mithi River Cleanup Drive was organized on 4th

September, 2021 in which 30 volunteers participated.

- Beach Cleanup Drives were conducted at Adopted Dadar Beach for regular Beach clean-up activity from 18th September 2021 to 5th April 2022 (13 times) with an average 28 volunteers working each time.
- COVID-19 Vaccination Awareness was conducted on May 15 2021. Total of 31 NSS volunteers participated.
- Free Vaccination Drive was organized in G. N. Khalsa College, Matunga on 12th & 13th June 2021, 24 volunteers participated in the Vaccination Drive and 1,165 people were vaccinated.
- Yoga Se Hoga webinar was organized by our NSS Unit on 21st June 2021. A total of 51 participants joined the program. Resource Person for this webinar was Dr. Sharayu Rajwade Homeopathic Consultant, Dietician & Nutritionist, Trichologist & Yoga Therapist.
- COVID-19 Response Supporting Mumbai's Dabbawalas in association with UWM was organised on 26th June 2021. 7 NSS volunteers participated and 97 families were supported with one-month groceries.
- Ashtang Yog was organized by 26th June 2021. 20 volunteers participated. Hosted video online on Youtube with 815 Viewers.
- 3 GNKC Blood Donation Drives in association with TATA & LTMG were organized on 23rd July 2021, 1st December 2021 and 15th March 2022. Total 78 volunteers participated and 359 units of blood in total were collected from these Drive.
- Mask Preparation Activity was organized by our NSS unit on 18th August 2021. 80 volunteers participated and 750+ masks were prepared during this activity.
- Fit India Freedom 2.0 was conducted on 19th and 25th September 2021 17 of our Volunteers participated.
- Mask Distribution Drive was organised in Bhimwadi on 24th August 2021. 8 students participated and distributed 200 masks.
- Polio Vaccination at Korba Mithaghar was conducted in 26th August 2021. 16 students participated and 667 polio doses were administered to infants and small kids.
- Voter ID Registration and Blood Donation Campaign Awareness was conducted on 27th November 2021. 9 volunteers participated and approximately 500 people were made aware about Voter ID Registration and Blood Donation.
- AIDS Awareness Session was organized on 1st December 2021. 37 volunteers participated and 300 people attended the session.
- MDAC Flash Mob Dance were organized on December 1, 2, 4, 7 and 9, 2021. 9 volunteers managed the flash Mob and more than 1000 people participated in the said activity.
- Webinar on Mental Health in Collaboration with Tarasha was conducted on 12th December 2021 in which 70 volunteers participated.
- Covid-19 Vaccination Drive in Collaboration with MCGM and Project Mumbai was organized on 5th February 2022. 23 volunteers participated and 540 candidates under 18 students were vaccinated.
- Polio Immunization Drive (BMC 'F' North' Wards Don Bosco Health Post and Korba Mithagar) & IPPI program from 27th February 2022 to 3rd March 2022 was conducted. 31 NSS volunteers participated and 2,959 infants were immunized.
- Webinar on Effect of Food Preservatives and Additives on Health was organized on 4th April 2022. 103 volunteers participated in the webinar.
- Hands of Help Campaign for Mahad and Chiplun – Collection Drive was organized from 2th to 14th August 2021. 66 volunteers participated. 103 flood affected families were given the ration kits. 4 of our NSS Volunteer with Program Officers Dr. Mangal Chavan & Dr. Sharad Tripathi visited the affected area for the distribution.
- Traditional Attire Competition was organized by our NSS Unit on 11th August 2021 in which 21 students participated. The message of 'Unity in Diversified India' was spread.
- 2D/3D Greeting cards for Teacher's Day was organized on 3rd September 2021. 71 teachers were gifted with greeting cards and Teachers Day was celebrated.
- World Animal Welfare Day 2021(In collaboration with Zoology Department) was celebrated on 4th October 2021. 96 students participated.

- ⊙ Lantern Making with Social Message was conducted on 1st November, 2021. 46 NSS volunteers participated in the activity.
- ⊙ Panti / Diyas Painting Session was organized on 3rd November 2021. 12 student volunteers participated.
- ⊙ Distribution of Hand Painted Diya's in Bhimwadi (Wadala) was organized on 3rd November 2021. 11 volunteers participated.
- ⊙ 12 volunteers participated in Faral Distribution for Unprivileged People on 3rd November 2021.
- ⊙ Seminar on National Constitution Day was organized on 26th November 2021. The resource person for the seminar was Mr. Sameer Velankar. 79 students attended the program.
- ⊙ Documentary Show on Dr. Babasaheb Ambedkar was conducted on 6th December 2021. 109 students participated in the program.
- ⊙ Future Aspects on Green Energy was organized on 18th December 2021. 90 students participated.
- ⊙ Padukas Articles Selling was organized from 22nd - 24th December 2021. 16 students managed the sales and the revenue gained was donated to the Adivasi Women in our adopted village.
- ⊙ NSS Unit Painting was carried out on 28th December 2021. 6 NSS volunteers completed the work.
- ⊙ Youth in Action seminar/program was organized on 11th January 2022. 20 volunteers participated.
- ⊙ Turtuk Teachers visited the College on 11th February 2022. 79 volunteers helped in arrangements. The aim of visit was youth exchange.
- ⊙ Informatory Video on Mr. Sundarlal Bahuguna was screened on 10th July 2021 by NSS unit on YouTube.
- ⊙ Informatory Video on Paper Bags was screened on 12th July 2021 by NSS Unit on YouTube.
- ⊙ Informatory Video on Guru Purnima was screened on 22nd July 2021 by NSS Unit on YouTube.
- ⊙ 'Life History of Bal Gangadhar Tilak' was screened on 1st August 2021 by NSS Unit. 300 students watched the video.
- ⊙ Informatory Video on Hiroshima Day was screened on 6th August 2021 by NSS Unit on YouTube
- ⊙ Documentary on Netaji Subhash Chandra Bose was screened on 26th January 2022 by NSS Unit.
- ⊙ Independence Day (2021) was celebrated on 15th August 2021. Many activities were conducted by students' volunteers.
- ⊙ Informatory Video on Teacher's Day was screened on 5th September 2021.
- ⊙ NSS Promotional Video 2021-22 was created and circulated among teachers and students on 12th April 2021.
- ⊙ Promotional Video for GNKC & TATA Blood Donation Camp was created and circulated on 19th July 2021.
- ⊙ Promotional Video for GNKC & LTMG Blood Donation Drive was created and circulated on 12th March 2021.
- ⊙ World Nature Conservation Day Video was created and circulated among students and teachers on 28th July 2021.
- ⊙ GNKC Blood Donation Appealing video was created and circulated to attract multiple Blood donors on 1st December 2021.
- ⊙ Documentary Show on Sardar Vallabhbhai Patel was done on 31st October 2021 by NSS Unit.
- ⊙ Documentary Show on The Birth Anniversary of Lal Bahadur Shastri was done on 2nd October 2021 by NSS Unit
- ⊙ Informatory Video on Independence Day was screened on 15th August 2021.
- ⊙ Documentary Show on Quit India Movement was done on 9th August 2021 by NSS Unit.
- ⊙ Online Voter ID Registration Drives was conducted from 24th-30th November 2021. 25 NSS volunteers managed the registration desk. 397 people were helped to register online for their Voter ID.
- ⊙ NSS Special Residential Camp was conducted from 18th-24th February 2022. Various social activities like cleanliness drives in PHC, Padas, School, Water supplying Unit, etc were conducted. Organized Sports day and also arranged various experiments for ZP School students, distributed masks for school children. Constructed Bandhara, distributed clothes in padas, performed awareness skits in various Adivasi padas.

Volunteers Achievements

- ⦿ Aishwarya Shetty from TYBA participated and secured 3rd rank in University Level Online Essay Competition held on 10th March 2022.
- ⦿ Anjali Solanki from FYBCOM participated in Poster Making Competition (University level) held on 8th February 2022.
- ⦿ Avinash Chavan of FYBSc. IT participated in Yoga for Youth (University level) held on 26th March 2022.
- ⦿ Jyoti Gupta of SYIC participated & secured 3rd Rank in Constitution Day Quiz Competition organized by NYK held on 26th November 2021.
- ⦿ Nidhi Naik of FYBA participated and secured 1st Rank in Avsar T-Shirt Painting Competition held on 10th February 2022.
- ⦿ Saniya Kolte & Pranav Alwe of FYBAF & TYBSc. respectively Secured first and second ranks in Online Voter Registration at District level held on 21st February 2022.
- ⦿ Pranav Alwe and Sandeep Gupta of TYBSc. and FYBSc. IT participated in Agriculture and Environment Quiz Competition on 16th November 2021.
- ⦿ Pranav Alwe, Durva Satam, Mrugaya Shirke and Bhushan Gote from TYBSc., SYBA, FYBA and FYBA respectively participated in University Level Leadership Training Program held on 21st November 2021.
- ⦿ Sandeep Gupta from FYBSc. IT participated and secured 3rd Rank in Poetry Recitation Competition (University level) held on 8th February 2022.
- ⦿ Vishakha Kadam of SYCS participated in Road Safety Competition at University Level.
- ⦿ Pranav Alwe, Mohan Chavan and Saurav Surbiralal of TYBSc., SYBA and SYBSc. participated in National Integration Camp 2021-22 from 21st - 28th May, 2022.
- ⦿ Avinash Chavan of FYBSc. IT Participated in University Level NSS Special Residential Camp on 26th March 2022.
- ⦿ NSS Volunteers participated in an intercollegiate University level competition held under the project – Two Wheels One Life organized by United Way Mumbai and secured ranks in three different competitions: 1) Farheen Shaikh (SYBSc.) - 2nd in

Poster Making; 2) Tahseen Alam (SYBSc.) & Anjali Vishwakarma (SYBSc.) - 1st Paper in Presentation and 3) Akash Samantha (TYBSc.), Nitin Jangid (SYBSc.), Shweta Dandekar (SYBA) and Shalu Chaurasiya (SYBSc.) - 4th in Short Film making.

P.O. & Unit Achievements

Successfully participated in the 7 Days NSS Training Programme conducted by NSS Empanelled Training Institution, Ahmednagar College, from 25th-31st January, 2022.

- ⦿ Actively worked as an organizing committee member in the NSS State Level Award held on 25th April, 2022
- ⦿ Selected as a contingent leader of Maharashtra & Goa Team by the NSS Regional Directorate Pune to participate in the National Youth Festival 2022, Puducherry between 12th-16th January, 2022 sponsored by Ministry of Youth Affairs and Sports, Govt. of India.
- ⦿ Selected as a contingent leader for Mumbai University Team in the National Integration Camp sponsored by Ministry of Youth Affairs and Sports, Government of India organised by NSS Regional Directorate Pune and University of Mumbai between 22nd-28th May, 2022.
- ⦿ NSS Unit participated in Intercollegiate University level Waste Collection Drive, Mazivasundhara and secured 3rd rank.
- ⦿ NSS Unit participated in Railway Station Blood camps on regular basis and for best performances on 15th & 16th February, drives have been felicitated by Registrar, Mumbai University and Director of NSS Cell University of Mumbai and Mr. Sunil Kumar, Nahar group on 25th March 2022.
- ⦿ NSS Unit was also felicitated by Vice-chancellor, University of Mumbai & Mr. Manmohan Mehta, Lions Club on 13th February 2022 for remarkable work towards collection of blood units at suburban railway station during pandemics.
- ⦿ Our NSS Unit was felicitated on 13th June 2022 for its remarkable contribution in Women's Day special Railway station blood drive held on 8th March, 2022.
- ⦿ NSS Unit and four of our volunteers also felicitated

on 13th June, 2022 by Rotary Club for its contrition in Ladies Special Railway Station blood donation drive held on 25th October, 2021.

- NSS Unit secured First Rank in Online Voter ID Registration conducted by MYP (District level).

NUTRACEUTICALS

- Webinar on *Healthy protein snacks in lifestyle disorders* on 20th September 2021 by Mr. Devendra Chawla (Founder, Samyog Foods)
- Webinar on *Diet customization* as per individual Prakruti in lifestyle disorders on 20th September 2021 by Ms. Girija Damle (Dietitian, PFNDAI)
- Organized a webinar on “*Resume Building*”, by Mr. Chintan Mehta on 28th August, 2021 (Strategic marketing specialist-IIIDE)
- Hazard Analysis Critical Control Point (HACCP) and *Fostac Workshop* held on 26th and 27th April, 50 students participated in the workshop. Guest Speaker: Dr. Sanjay Indani (Master Trainer) Head - Lead Auditor HACCP/ ISO 22000 / BRC- Food, PCQI-USFDA Lead Tutor, FoSTaC – NLRP & Master Trainer Guest Speaker: Ms. Khusbu Haria (Co-trainer) - Lead Auditor HACCP & BRC- Food, PCQI CoTrainer, FoSTaC Trainer.

Faculty Achievements

Dr. Gauri Vahalkar

- Participated in ‘Criterion V student support and progression’ in collaboration with IQAC (“Effective communication workshop”)

Ms. Aditi Vichare

- Successfully completed a workshop on Improving Research & Performance Outcomes using the ScienceDirect Platform at G. N. Khalsa College, on 26th July 2021.
- Completed on-site HPTLC training from CAMAG HPTLC (Anchrom) on 26th March 2022.
- Published a Review article on “Microgreens as super foods” in International Journal of Food Science and Nutrition, Volume 6, Issue 3, 2021, pg. 113-119.

- Successfully completed RUSA sponsored two credit course on, “RESEARCH AND PUBLICATION ETHICS (CPE-RPE)”, approved by the University of Mumbai, from 25th to 31st May 2022 at Chikitsak Samuha’s Patkar-Varde College.

Ms. Suhana Kulavoor

- Attended 2 day workshop on HACCP Internal Auditor training & FoSTaC Basic Manufacturing course.
- Completed RUSA sponsored two credit course on, “RESEARCH AND PUBLICATION ETHICS (CPE-RPE)”, approved by the University of Mumbai, from 25th to 31st May 2022 at Chikitsak Samuha’s Patkar-Varde College.
- Participated a workshop on Improving Research & Performance Outcomes using the Science Direct Platform at G. N. Khalsa College on 26th July 2021.

Ms. Yaamini Mhapankar

- Participated in two-day workshop on HACCP Internal Auditor training & FoSTaC Basic Manufacturing course.
- Completed SWAYAM online certification 3 credit course on Student Psychology conducted by National Institute of Technical Teachers’ Training & Research (NITTTR), Chennai with 96% score, in August 2021.

Ms. Minal Jain

- Published a research paper on “Comparative Study of untapped sources for Extraction of limonene using modified techniques” in International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 3, March-2022

GNIRD

(GURU NANAK INSTITUTE FOR RESEARCH & DEVELOPMENT)

- Organized a workshop on 21st chromatography from 26th to 31st December 2021. The 30-hour workshop

was conducted using both online as well as offline modes with more than 50 participants.

- ◎ In Collaboration with the Department of Chemistry had conducted a 30-hr certificate course on *Cosmetology* from 10th to 24th August 2021. Students were also shown how to make basic cosmetic products, and how the evaluation of these products is performed. The guest speakers were Dr. Kiran Hebbalkar: Director, Kiran's Clinic. Dr. Renuka Thergaonkar Director R&D Global Thane, Mumbai, Mr. Benedict Mascarenhas Director & Chairman EnvisBe Solutions Pvt. Ltd. Dadar, Mumbai, Dr. Ragni Desai: Officer-Technical Analyst, Amvigor Organics Pvt. Ltd., Ms. Srushti Shah: COO Nanghavi Chromatography Solution Pvt. Ltd., Ms Pruthvi Shah: HPC health care, Dr. Sukhjeet Gujral: Asst Prof in Chemistry, Dr. Gaganjyot Kaur: Head GNIRD. This course was conducted online and more than 450 students participated in the program.
- ◎ Conducted a workshop for Microbiology MSc. students on "*Analytical Techniques*" for which GNIRD research scholars had taken practical on HPLC, GC, HPTLC, FTIR, and UV-Vis-spectroscopy. This was a five-day workshop from 21st to 25th March 2022 where students had hands-on training on the above instruments.

- ◎ In collaboration with Chemistry Department conducted a workshop on "*Analytical Techniques*" for MSc. part I students from 29th to 30th April 2022. Participants had hands-on training on HPLC and GC along with method development. A total of 45 students got benefited from the workshop.
- ◎ Dr. Gaganjyot Kaur was the coordinator for *Avishkar*, University competition 2022. 30 projects were submitted for the competition out of which six were selected for final round in category of UG and PG.

LIBRARY

In the year 2021-22 library added 223 titles in its versatile collection and it subscribed to E-Resources in the form of E-Books and E-Journals and other type of materials through Databases namely, **N-List, J-Gate, Ebsco**. Access is not limited to subscribed resources but using College Website for notification of E-Resources and orientation to E-Resources Library notifying students about Open Source and Open Educational Resources in their respective subject. For e.g. National Digital Library (NDL). Orientations, E-resource training programmers, and events were arranged for the students to acquaint with library services and facilities. The details are listed below in the following table:

SR.NO.	CLASS	DATE OF EVENT	EVENT	NO OF STUDENTS BENEFITED
1	FYIC	October, 20 th 2021	Orientation and Display – Syllabus Books	7
2	FYBA	October, 25 th and 26 th 2021	Orientation and Display – History and Foundation Course	104
3	MSc. Microbiology Part I	December, 7 th 2021	Orientation and E-Resource Training	20
4	All	February, 26 th and 28 th , 2022	Marathi Bhasha Divas Display	35
5	TYBA	October 26 th 2021	Orientation	5
6	MA Hindi	October 25 th 2021	Orientation	8

Library successfully endured Local Inspection Committee Visits for PG recognition for the Departments Economics, Applied Science, History, Marathi, Zoology in the Month of March and April 2022.

Research Assistance Facility by Library:

- ⦿ Assisting and Informing Teachers and Students to know the impact factor, UGC-CARE, Scopus, Web of Science Rating for Journals of their subject and educating them about the technical part of these indexes.
- ⦿ Training and orientation class-wise, course-wise, stream-wise for Online Research including various topics in literature search, Reference Management, and Research Report Writing for students.
- ⦿ Aided LIC Visits for PG and Research approvals of Various Departments, namely Applied Science, Zoology, Economics, Marathi, History.
- ⦿ Noted Alumni Film Writer, Director, and great film fraternity Sardar Sagar Sarhadi had a great legacy of 3100 books referred by him for his writing work. Sagar Sarhadi Corner is set up in the Library with his own cupboards cherishing the valued Collection for reference.
- ⦿ Conducted a Certificate Course in Library and Information Science in association with the Department of History in April - May 2022.

Faculty Achievements

Mrs. Neelam R Chavan

- ⦿ Visited as an auditor for Library Audit to S.M. Shetty College of Science, Commerce, and Management Studies on 29th April 2022.
- ⦿ Invited as a Resource Person for delivering a lecture for NET/SET/PET Class Paper I *Teaching Aptitude* Module at Agashi Virar Arnala Education Society's Padmashree Bhausaheb Vartak College, Virar (East) on 15th May 2022.

SPORTS

Due to the outbreak of second wave of Covid- 19, Mumbai University had conducted only the selection trials of the all games and sports and Inter Collegiate Tournament were not conducted. However, Students were selected based on

their previous performance of last 2 years by the university officials.

⦿ Khelo India University Games (KIUG)

5 students had represented College at 2nd Khelo India University Games (KIUG) held at Jain University, Bangalore from 24th April to 2nd May 2022.

Athletics (Men) Krishna Singh Won a **Gold medal in Triple Jump** and made a **meet record** at 2nd KIUG, organized by Jain University Bangalore from 24th April to 2nd May 2022.

⦿ **Judo (Women)** Sampada Phalke Won Bronze Medal in 78+ weight category at 2nd KIUG, organized by Jain University Bangalore from 24th April to 2nd May 2022.

⦿ **Fencing (Men)** Rishi Balekar won Bronze Medal in Fencing at 2nd KIUG, organized by Jain University Bangalore from 24th April to 2nd May 2022. Subramanian Siva and Umesh Keelu participated at 2nd Khelo India University Games (KIUG)

⦿ All India Inter University

38 players from our college had represented in All India Inter University and West Zone Inter University tournaments.

⦿ **Athletics (Men)** Krishna Singh, Harsh Rana & Shrinivas Poojary participated in 81st All India Inter University Athletic Meet organized by Mangalore University, 4th to 7th January, 2022.

Krishna Singh won a **Gold Medal and made a new meet record in Triple Jump 16.10 mtrs at 81st** All India Inter University Athletic Meet.

⦿ **Athletics (Women)** Saroj Shetty participated in 81st All India Inter University Athletics Meet organized by Kalinga Institute of Industrial Technology (KIIT) from 21st to 24th February.

⦿ **Boxing (Men)** Adil Singh had participated in All India Inter University at Punjabi University Patiala.

⦿ **Boxing (Women)** Sakshi Jagdale participated in All India Inter University Women championship held at Punjabi University Patiala.

⦿ **Hockey (Men)** Kiran Mohite, Laxmikant Kawale, Kushal Meghwal, Govind Nag, Prathmesh Gaikwad, Praneet Naik, Manpreet Singh, Venkatesh Deokar were the team members of the west Zone Inter University Hockey Men Championship, organized

by Jiwaji University, Gwalior from 16th to 20th January 2022 and further they were qualified for All India Inter University Hockey Championship, Pune University Pune.

- ◎ **Fencing (Men)** Rishi Balekar, Siva Subramanian, Umesh Keelu participated in All India Inter University Fencing (Men) Championship held at Guru Nanak Dev University, Amritsar from 7th to 10th January 2022.
- ◎ **Kabaddi (Women)** Sakshi Sawant had represented West Zone Inter University Kabaddi (Women) Tournament at Swami Ramanand Teerth Marathwada University, Nanded from 27th to 30th December 2021.
- ◎ **Football (Women)** Nirmity More represented All India Inter University at New Delhi.
- ◎ **Gymnastics (Women)** Ovee Prabhu secured Seventh position at All India Inter University Gymnastics Women Championship organized by Guru Nanak Dev University, Amritsar from 28th to 31st December 2021.
- ◎ **Hockey (Women)** Araminta Kamath, Neha Dubey, Sonal Shinde, Diksha Tambe, Jessica Fernandes, Sikha Yadav
- ◎ **Judo (Men)** Ayush Phalke, Ganesh Swar represented All India Inter University at Chhatrapati Shahuji Maharaj University, Kanpur 25th to 27th March 2022.
- ◎ **Judo (Women)** Sampada Phalke won Bronze Medal at All India Inter University at Chhatrapati Shahuji Maharaj University, Kanpur 23rd to 25th March 2022.
- ◎ **Kabaddi (Women)** Sakshi Sawant, represented Mumbai University at West Zone Inter University.
- ◎ **Shooting (Men)** Nimesh Jadhav represented All India Inter University in shooting organized by Manav Rachna University, Faridabad.
- ◎ **Shooting (Women)** Khushboo Singh All India Inter University in shooting organized by Manav Rachna University, Faridabad.
- ◎ **Taekwondo (Men)** Shardoool Naik, Tanvir Rajee represented All India Inter University Taekwondo Championship at University of Kerala from 21st to 24th March 2021.
- ◎ **Taekwondo (Women)** Priya Kapoor had represented All India Inter University Taekwondo Championship held at Kurukshetra University Kurukshetra from.

- ◎ **Volleyball (Men)** Abhishek Mishra, Abhinesh Esaivanan, Aniket Masih had represented West Zone Inter University.
- ◎ **Cricket (Women)** Komal Prabhu represented West Zone Inter University at Cricket Women tournament by Poornima University, Jaipur from 21st to 25th June 2022.
- ◎ **Cricket (Men)** Aditya Suryawanshi participated at west Zone Inter University Cricket Men tournament organized by shri Jagdish Prasad Jhabramal Tibrewala University, Chudela from 23rd to 27th June 2022.

FINE ARTS

- ◎ Workshop on Paper Quilling was conducted by Ms. Deepthi Deshpande, Assistant Professor, Botany Department of G. N. Khalsa college attended by 40 students on 14th August 2021
- ◎ Workshop on Paper Flower Making was conducted by Mrs. Kavita Gala from Physics Department attended by 13 students on 21st August 2021
- ◎ On the occasion of Ganesh Chaturthi, an ecofriendly Ganesh idol making competition was organized. Participants had to record a video while making the idol, rules for the same were shared with the participants and the video had to be submitted before 9th September 2021.
- ◎ A cartoon competition on the theme “Subject Cartoon Mania” was organized for the students of different subjects on 12th September 2021. 35 students participated.
- ◎ Workshop on Rangoli Making was conducted by Mr. Shyam Adkar, subject expert, on 25th September 2021.

THEATRE COMMITTEE- NATYASHRAY

- ◎ Selection of the students and team for Natyashray was done via Online Mode.
- ◎ In the month of November, theatre workshop was organized for the students. Following topics were covered: like types of play, types of stage, types of bhava etc...
- ◎ Our Alumni: Suraj Kokre, Sumedh Mhatre, Bhushan

Patil, Prasad Thorve, Swapnil Jadhav, Pralhad Kudtadkar prepared the students for various plays, skits, mime, one act.

- Mr. Kunal Pawar directed 5 skits and Alumni directed 2 plays were performed at various competitions and received appreciation.

NATURE CLUB

The Nature club committee organized two credit-based course that included workshops, guest lectures, and other nature-friendly practices.

- In the first term 60-hour credit point course conducted online included Bonsai making, Mushroom cultivation, Fruit and Vegetable carving, Fertilizers making at home and Terrace gardening. The credit course was successfully completed by 178 participants.
- In the second term, Nature club in association with IQAC and Botany Department G. N. Khalsa College, organized 30 hours (2 credit) online credit course from December to February. The course had 5 modules: Terrarium, Plastic management, Kokedama, Native trees and Growing Microgreens. The experts from Panjab University, colleges affiliated to Mumbai University and renowned industries served as resource persons. Out of 320 participants registered, 264 participants successfully completed the credit course.

WOMEN DEVELOPMENT CELL (WDC)

- A webinar on “Skill development and Entrepreneurship” was organized in collaboration with IDEMI and MSME (Micro, Small and Medium Enterprises, Govt. Of India) on 29th September 2021. The resource persons were from IDEMI, Mr. Shripankh Patil, Mr. Nilesh Sharma and Mr. Raju Kharat and briefed the student participants about the various diploma and certificate courses run by IDMI and about the eligibility and funding criteria for start-ups. A virtual tour to IDEMI, Mumbai was a special attraction to the participating students. Around 204

participants availed the benefit of the session and it was well received by the students.

- On the occasion of International Womens’ Day, WDC and the Fine Arts Committee organized a Rangoli Competition on 8th March 2022. Students from Undergraduate and postgraduate courses participated in the same. The topics for rangoli were Women Empowerment, Women Idols, Gender Equality, Violence is intolerable and Mulgi Shikali. Students created beautiful colourful rangolis depicting women empowerment and gender equality! Around 34 students from various classes participated in the competition. The event was judged by Ms. Manisha Saindane from Department of History (Degree College) and Ms. Kavita Gala from Department of Physics (Junior College). The first prize was bagged by Ms. Dhanashree Kotapkar and Ms. Supriya Desai of MSc. (Microbiology) class. Ms. Shraddha Bhojane and Ms. M. Sakshi, Ms. Anushree Gosavi, Ms. Shreya Gurjar and Ms. Sanika Sawant were the other prize winners. the leo club (In collaboration with FYIC students)

DLLE

- The academic year 2021-2022 began with the enrollment of 480 students and a committee of 10 extension work teachers.
- Orientation program for the students enrolled under DLLE was organized on google platform on 14th October 2021
- Field coordinator Mrs. Vrushali Kaneri, oriented the students about the different projects. Two major projects were chosen namely -The Career project, and Survey of Status of Women.
- Members of the committee attended the online training program hosted by the DLLE Unit of K.J.Somaiya College of Science and Commerce on January 10th 2022
- The DLLE Unit organized a webinar on “Status of Women and NRI Marriages” by Dr. Vibhuti Patel former Professor Tata Institute of Social Science, Mumbai on March 11th 2022.

- ⊙ The academic year was successfully completed. In all 373 students got the benefit of 10 grace marks and 209 students got the benefit of 2 additional extra-curricular credits.

ROTARACT CLUB

(In collaboration with Commerce)

The theme for the Academic year 2021-22 was “Rising Together”. A Total number of 132 events were organized across all avenues.

Number of projects under each avenue:

Club Service : 17, Community Service : 26, International Service : 19, Sports : 19, Professional Development : 18, Partners In Service : 6, Entrepreneurship Development : 4, Photography : 11, Digital Communication : 6, Social Media : 4, Editorial : 2

DATE	EVENT	DETAILS	PARTICIPANTS	VENUE
5-Jul-2021	Monsoon Donation	Club Level	7	Matunga Area
6-Jul-2021	Plastic Mukti	Club Level	6	Online
7-Jul-2021	Nature Morte	Club Level	12	Online
16-Jul-2021	Aapas ki Masti	Club Level	19	Online
24-Jul-2021	I Desire	Club Level	9	Online
30-Jul-2021	Share Your Skills	Club Level	12	Online
1-Aug-2021	Vamous Amigos	Club Level	18	Online
15-Aug-2021	Disclose	Club Level	10	Online
21-Aug-2021	Suraksha Bandhan	Club Level	9	Chembur
19-Sep-2021	Badminton Tournament	Club Level	11	Dadar
2-Oct-2021	Bingo Event	Club Level	12	Online
8-Oct-2021	Merci	Club Level	6	Online
3-Dec-2021	Basics of Italian Language	Club Level	85	Online
7-Jan-2021	The Shoe Game	Club Level	13	Matunga
9-Jan-2021	Secret Santa	Club Level	8	Wadala
10-Jan-2021	Freshers Party	Club Level	35	Khar West
12-Jan-2021	Rainbow Event	Club Level	10	Online
8-Feb-2021	Movie Cracker	Club Level	28	Online

DATE	EVENT	DETAILS	PARTICIPANTS	VENUE
4-Mar-2021	Plank Challenge	Club Level	15	Online
8-Apr-2021	Mastering LinkedIn	Club Level	23	Online
9-Apr-2021	Rang Barse	Club Level	88	Dadar East
9-May-2021	Choose Life	Club Level	10	Online
10-May-2021	Food Drive	Club Level	6	Sion Hospital
14-May-2021	Farewell	Club Level	8	Andheri

LEO CLUB

- ⦿ “Hara-aarambh” was conducted on 1st July, 2021, 10 Leos were present. 25 saplings were planted at Sahi Banguda Pada, Aarey.
- ⦿ Warli Style Wall Painting was conducted on 5th July, 2021 & 07th July, 2021, 17 Leos were present. Phase 1 of the beautification of Sahi Banguda Pada, Aarey Forest and Puratan Hanuman Mandir was done.
- ⦿ Pediatric and Maternal Health Checkup Camp was organized on 17th July 2021, 15 Leos were present. Phase 1 of Health and Wellbeing Department of Mission Aarey the Leo Club of G.N.Khalsa College was done in collaboration with team Clinic Essen ,conducted the first Pediatric and Maternal Health Checkup camp.
- ⦿ Diabetic and Blood pressure Check up Camp was conducted on 29th July, 2021, 5 Leos were present.
- ⦿ Lions club of Bombay Mandvi East organised a medical check up camp, for the covid-19 frontline warriors and their families at the Matunga-Sion Police Station camp was done in association with SRV Hospital.
- ⦿ “The Grand Installation and Award Ceremony” of Leo Multiple 3231 was commemorated on the 8th August, 2021 at Grand Banquet, Chembur. Leo Club of G.N. Khalsa College received its first-ever Multiple Award for the Best Permanent Project that is “Mission Aarey”.
- ⦿ Leo Club Of G.N.Khalsa College from Leo District 3231 A1 in collaboration with Leo Club of Kanjurmarg & Leo Club of Dombivali from Leo District 3231 A2 conducted a Nature Trail & Fellowship Games on 9th August, 2021.
- ⦿ Beautification of Matunga Station 2.0 was conducted on 14th August 2021 and 15th August 2021, 40 Leos were present. The Leo Club of G.N. Khalsa College conducted a 2 day long Mass wall painting project at Matunga station to spread the message of women empowerment.
- ⦿ Independence Day Celebration (Food Distribution) was conducted on 15th August, 2021, 30 Leos were present.
- ⦿ The Leos of Khalsa College distributed a total of 60 packets of Refreshments to the National Cadet Corps. This activity improved the trust , harmony and friendliness among our Leos.; Beneficiaries- 60.
- ⦿ The Leo Club of G.N.Khalsa College in collaboration with the Five Years Integrated Course of Bioanalytical Sciences Department, G.N.Khalsa College, brought to all DREAM IT, BE IT! An open webinar for all to learn to unravel the secret to Self-motivation on 21st August, 2021.
- ⦿ The Leo Club of G.N.Khalsa College in collaboration with Lions Club of Bombay Willingdon Crescent under the guidance of Aditya Jyot Eye Hospital came up with an innovative photography contest with huge participation on 25th August, 2021.
- ⦿ The Leo Club of G.N.Khalsa College in collaboration with Kamala Sundaram Foundation conducted a Free

- Eye Screening Camp for all on 4th September at Dadar and Matunga Railway Station.
- The Leo Club of G.N.Khalsa College under the guidance of Lions Club of Bombay Mandvi East in collaboration with CliniCase & Parel Vibhag Sarvajanic Ganeshutsav Mandal, Parel cha Raja Nare Park conducted a Free Medical Camp titled as “Swastha Bharat” on 17th September, 2021
 - The Leo Club of G.N.Khalsa College joined hands with the Leo Club of East Bombay to bid adieu to Lord Ganesha , in our own way by conducting a Post Ganpati Visarjan mass beach Cleanup on 20th September .
 - Leo Club of G.N. Khalsa College helped Lions Club of Bombay Mandvi East by painting the Cupboards to be donated to Matunga and Sion Police Station on 28th September 2021.
 - Volunteered for “FREE EYE SCREENING CAMP” conducted by parent club, LIONS CLUB OF MANDVI EAST in collaboration with Aditya Jyot Foundation at Gujarati Seva Mandal, Matunga on 4th October 2021.Total beneficiaries were 150.
 - The Leo Club of G.N. Khalsa College volunteered for “Blood Donation Camp” conducted at Matunga Central Railway Workshop on 6th October 2021.
 - Leo Club Of G. N. Khalsa College, Leo District 3231 A1 In collaboration with Leo Club of Garodia Nagar, Leo District 3231 A3 & Leo Club of Gokuldham Yashodham Leo District 3231 A3, conducted tree plantation wherein 85 saplings were planted and 80 saplings were distributed at Puratan Hanuman Mandir, Sai Bangoda Pada.
 - The Leo Club of G.N. Khalsa College in collaboration with Parent Club Lions Club of Bombay Mandvi East successful conducted a Papaya Sapling Plantation and Education Themed- Wall Painting , with the children of David Sassoon Children School on 8th October, 2021.
 - The Leo Club of G.N.Khalsa College celebrated Navratri by gifting an afternoon filled with engaging games, soulful music healthy food ,love and much more to the Cancer Kids of Wadia Hospital on 9th October, 2021.
 - The Leo Club of G.N. Khalsa College volunteered for “Food Distribution” conducted by Lions Club International at KEM hospital Parel on 18th October 2021 from 11 am onwards.
 - Mega Fellowship (the main attraction): Mass Nature Trail with 75+ participants. There were around 10 Stalls by Leos to Enjoy and Buy Fresh Veggies and Decorative artworks made by Leo Honourary Artists Group on 24th October, 2021.
 - The Leo Club of G.N.Khalsa College in collaboration with Hemkunt Foundation conducted a Donation of 9 grocery kits to an orphan family raised by an 18 year old sister , followed by a short nature trail was conducted on 28th November 2021.
 - The Leo Club of Juhu twinning with Leo Club of G.N.Khalsa College and several other clubs of Districts 3231-A1, A2, A3, in affiliation with the Tata Memorial Hospital conducted an interesting online seminar about Platelet Donation Awareness.The session was conducted by an esteemed guest speakers Dr. Anisha Navkudkar from the Tata Memorial Hospital and Dr. Mehul Doshi from the Anand Clinic. Dr. Gourav on 7th October, 2021.
 - The Leo Club of G.N. Khalsa College in collaboration with SnoutClout a Student-led Animal Welfare Community conducted “COSMOPAWLITON” a series of webinars of 7 days focusing on Different aspects like Human & Wildlife Conflicts, Animal Cruelty, Ethical Wildlife Tourism and many more. Each session of the series was conducted by esteemed guest speakers”
 - Leo District 3231 A1 in twinning with Leo Club of Five Gardens and Leo Club of G.N. Khalsa is organizing “Let’s talk periods” an online webinar on Menstrual Hygiene and Health in Association with Paddling on 16th October, 2021.
 - The Honourary Leo Artists of the Leo Club of G.N Khalsa College organised an Urban Sketch Walk with Fellowship Games for our Leos at Mumbai Zoo/ Ranicha Baug, Byculla. A total of 30 Leos and Non Leos Attended this, first of its kind Membership, Leadership and Fellowship initiative. An itinerary where the crowd of artists follows and draws amazing

places wherein you can use the art materials you choose, and your sketchbook can come in any shape or size. We also visited the Butterfly Gardens for a follow up.

- On the International Leo Day Leo Club of G.N.Khalsa College along with Leo club of East Bombay And Leo club of Mahim came up with Jashna-E-Riwaaz on 5th December 2021.
- The Leo Club of G.N.Khalsa College celebrated their Charter Project day at the Shivaji Park Beach on the 7th December 2021. A Mass Beach Cleanup was organized on account of the 65th Mahaparinirvan Din of Dr. B. R. Ambedkar to pay homage to the Mahamanav in a unique way.
- Leo Club of G.N. Khalsa College in collaboration with the Maharashtra Navnirman Sena (Paryavaran Bhaag) conducted a SamudraKinara Swachta Mohim at Dadar Beach. This cleaning campaign is being implemented on all Major Shores of Maharashtra and will be featured in Guinness book of World Record. Chief Guests :Shri. Amit Thackery.
- The Leo Club of G.N. Khalsa came up with yet another astonishing project “S.H.E.R.O.E.S” Express your gratitude and love for the heroic women in your life and getting a chance to win them a handcrafted Women’s day hamper from 4th to 8th April, 2022.
- The Leo Club of G. N. Khalsa college collaboration with Fitoor band presented “Tribute to KK” on 6th April, 2022. A cultural fellowship event for us to tribute to KK, perform his songs, sing together at Dadar, Narali.
- “To celebrate “MELVIN JONES SERVICE WEEK”, Phase 2 of Blind-free India 2025 initiative, the Leo Club of G.N.Khalsa College in collaboration with Aditya Jyot Eye Hospital a unit of Dr. Agarwal’s Eye Hospital conducted “Painting for a Cause 2.0”. A wall painting program raising public awareness and Promoting Eye Donation in a unique manner. Followed by collection of Eye Donation Pledges to promote Eye donation Fortnight celebrated by Goi on 11th January, 2022.
- The Leo Club of G.N.Khalsa College inaugurated our long-planned “Butterfly Garden” at the Khalsa College on 13th January, 2022.
- Phase 3 of Blind-free India 2025 initiative, the Leo Club of G.N.Khalsa College in collaboration with Kamala Sundaram Foundation conducted Light of Life ! A free eye screening camp, the Camp offered Glass, Prescription, Cataract Check-up, Retina Check-up. Followed by a Live Canvas painting spreading diabetic blindness Awareness and Eye Donation at Matunga Station on 19th January, 2022, the Free Eye Screening Camp was conducted at 3 locations Matunga Railway Station (Central), Pratiksha Nagar, Sion East and GTB Nagar, Kings Circle .
- The Leo Club of G. N. Khalsa College celebrated a memorable Leo Re-Public Treat for the Leos and Lions on 26th January 2022 at Leo Center, Aarey. A Cultural Treat where all Leo Participants brought some food item which they prepared and we shared a delightful meal from different cultures! different homes!_ in the midst of the Aarey Forests. In the midst of the Aarey Forest, a memorable winter evening filled with Dance, Music and various treats from various Homes of Leos. The Climax of the day was ‘release of sky lanterns to mark the Remembrance of the Shaheed.’
- Day 1 of the event “Cancer: the Crab “, On the Occasion of World Cancer Day i.e. on 4th February 2022, the Leo Club Of G.N. Khalsa College conducted an event “Ek Pal Unke Liye- Remembering the dead” where our volunteer did live painting on canvas to create awareness among the people regarding Cancer at C5, Near Park Club, Mahim West, Shivaji Park, followed by a fundraiser event And in the end we lit a lantern and flew it in the air to sum up the event.
- On the behalf of World Cancer Day 2022, on 5th February 2022, the Leo Club of G. N. KHALSA COLLEGE in Collaboration with SHIVSENA And CLINICASE ESSEN conducted an event “Hope of Life” a Free Breast Cancer Checkup and Training for self examination along with with full body checkup camp for raising social awareness at Bhatwadi Shivsena Shakha, Ghatkopar West.

- The Leo Club of G.N. Khalsa College in collaboration with Leo club of Five Gardens and Five G All Sports Foundation have organized an Awareness Marathon named “Marathon for Life” on 6th February, 2022 starting from Five Gardens, Matunga on the account of World Cancer Day.
- The Leo Club of G. N. Khalsa College conducted distribution by sponsoring and cooking food at Two different places for 55 cancer patients and 30 orphan girls on 20th February, 2022 at Tata Memorial Hospita, Parel & Divya Prabha , Vartak Nagar , Thane.
- The Leo Club of G.N. Khalsa came up with another Astonishing Wall painting project entitled “MahaKaal” for the occasion of Mahashivratri. A team of 22 artistic Leos reached at Sion Shamshan Bhoomi on all the four days from 25th to 28th February 2022.
- The Leo Club of G. N. Khalsa College presented S. H. E. R. O. E. S. commemorating the heroic women of our society on this Women’s Day - 8th April 2022. Handmade greeting cards made by creative Leos, were distributed to the strong women including Lady police officers, housekeeping, teachers.
- The Leo Club of G.N.Khalsa College presented “RANGMAY 1.0” all colours,celebrating the month of March, the month of Holi 11th and 12th March, 2022.
- The Leo Club of G. N. Khalsa College organised a free self defense workshop for all. We are honoured to have the workshop conducted by Nirbhau Naari Suraksha Foundation with the Self defense trainer: Prabhsharan Kaur on 22nd March 2022 at Five Gardens, Matunga. Let’s join our hands together in building our society.
- The Leo Club of G.N. Khalsa came up with an another astonishing service project “Sai Palkhi” wherein 300 litres of refreshing juice was served to all hundreds of devotees present in the Sai Palkhi on both the days 30th March 2022 and 31st March 2022 near Lions Club of East Bombay Clinic.
- Leo Club of G.N. Khalsa college in twinning with Leo Club of East Bombay conducted a “Hunger Project” wherein a delicious yet nutritive box of meals was served to underprivileged people outside the KEM hospital Gate no 4 on 4th April, 2022.
- On the occasion of World Art Day, The Leo Club of G.N.Khalsa College organized yet another astonishing project “Beautification of Matunga Station 3.0” on 19th and 20th April, 2022. The honorary Artist group of Leo Club of G.N. Khalsa college painted the walls and stairs of Matunga Central Railway Station and turned them into a beautiful canvas thus contributing to making our city beautiful.
- The Leo Club of G. N. Khalsa College presented “BEAT THE HEAT”. For “THREE WEEKS” in month of May on the auspicious occasion of Eid we distributed Thanda kheer, chilled juice and tons of smiles.

GURUDWARA COMMITTEE

- At the onset of the New Academic Year, a prayer meet was organised on the virtual platform
- To inculcate Sikh values in the students every month Sangrand and the Gurburab falling in the month were celebrated via online mode.
- Special program dedicated to Pehla Prakash Purab of Dhan Dhan Sri Guru Granth Saheb Ji was organized virtually on 7th September 2021. Where Japji Saheb Path was recited by the faculties and students.
- MAHAN SHAHIDI PURAB was organized to commemorate the Martydom of Guru Gobind Singh Ji, Char Sahibzade, Mata Gujri Ji and other Sikh martyrs. CDC member Sardar Govinder Singh ji Natt addressed on the occasion. Many Flex banners were displayed at the entrance of the college covering Sikh history and martyrdom of many Sikh heros who sacrificed their lives serving humanity in the name of Guruji.
- A programme commemorating the “Char Sahibzade Of Guru Gobind Singh Ji Maharaj “was organized. On this occasion the movie “CHAR SAHIBZADE” was shown to the students with the staff in college seminar hall.
- At the onset of Offline lectures in the College post pandemic Japji Saheb Path followed by Ardas

which was recited at the Gurudwara on 15th November 2021.

- ⦿ A Morning Diwan was organized by the students on 24th December 2021 where Students and staff recited Japji Saheb Path, Nove Mahalle De Salok, Kirtan followed by Anand Sahib and Samapti.
- ⦿ 552nd Prakash Purab of Guru Nanak Dev ji & 355th Birth Anniversary of Sri Guru Gobind Singh was celebrated on 15th Jan 2022. Students of “Anhad naad” performed Gurbani kirtan with traditional musical instruments, followed by Ardas.

speaker was Mr. Sachin Dedhia, Founder & CEO – Skynet Secure Solutions.

- ⦿ The Term–End function for the Academic Year 2021-22 was organized on 29th April 2022 at the College Banquet Hall. The program began with prayer song and lighting of lamp at the hands of the Head of Institution, Principal, Dr. Kiran Mangaokar. Management Representatives, Vice-Principals, Registrar, Office Bearers, Dignitaries and Teaching Staff were present. This was followed by felicitation of Achievers of Teaching Staff for their contribution in the field of Research, Publication of books, Recipient of Awards, Completion of any Additional Degree. The program concluded by the Felicitation of Retirees and Department members delivering farewell speech for them.

STAFF COUNCIL

- ⦿ Online workshop was organized on 23rd August, 2021 on the topic of ‘Cyber Security’. The guest

PLACEMENT CELL

- ⦿ Following placement drive was organised by our Placement Officer, Mr. Bahvik Ajit

SR NO	DESCRIPTION	NO OF STUDENTS PLACED	TO COMPANY NAME/ DEPARTMENT	ACADEMIC YEAR
1.	Domestic Placement	3	Aditya Jyot/ Zytex	2021-22

***“Each one of us are so different, so unique,
bright and vibrant in our own ways.
And with all this diversity we can become unified
and one in our purpose... in our purpose to serve, to give,
to share, to care and to contiribute something of value together,
in the lives of people in this world ”***

-Gaur Gopal Das

ACADEMIC ACHIEVERS

RANK	NAME OF THE STUDENT		SECURING
1	Zahara Alich	FYJC Arts	First
2	Tanisha Kakkar	FYJC Arts	Second
4	Wasan Keerat Singh Harvinder Singh	FYJC Commerce	First
5	Rathod Prachi Arjunsingh	FYJC Commerce	Second
7	Irani Kayan Mehernosh	FYJC Science	First
8	Mahato Suman Vinod	FYJC Science	Second
10	Jadhav Saksham Bharat	FYJC MCVC	First
11	Narvekar Yash Mangesh	FYJC MCVC	Second
13	Sandhu Guneetvir Singh	SYJC Arts	First
14	Hulkal Aditya Suresh	SYJC Arts	Second
15	Gulati Raja Kaur	SYJC Commerce	First
16	Boywall Jasmine Viraj	SYJC Commerce	Second
17	Bordia Yash Ganpat	SYJC Science	First
18	Beg Mehjabin Mohammed	SYJC Science	Second
19	Sharma Vijay Dilal	SYJC MCVC	First
20	Patil Pradyesh Prabhakar	SYJC MCVC	Second
21	Prajapat Jashoda Durgaram Indira	FYBA	First
22	Kapasi Ekta Amit Nutan	FYBA	Second
23	Kadam Mitali Dattatraya Sucheta	FYBAMMC	First
24	Chaudhary Aanchal Rampher Usha	FYBAMMC	Second
25	Dhanawade Riddhi Sachin Rajeshree	FYBCOM	First
26	Arude Divya Vishnu Ashwini	FYBCOM	Second
27	Mehta Maitri Biren Dipti	FYBCom. SF	First
28	Rawool Akshata Sadananad Swati	FYBCom. SF	Second
29	Siddique Mubashira Jakrul Haq Shahanaparveen	FYBAF	First
30	Sawant Nidhi Rohidas Sayali	FYBAF	Second
31	Nair Dinashree Sathyanadhen Rajani	FYBBI	First
32	Matharoo Manpreet Kaur Kirpal Singh Jasbir Kaur	FYBBI	Second
33	Dhiman Anuvrat Hitendra Bhawna Dhiman	FYBFM	First
34	Sethi Ajit Rohit Shakuntala Rohit Sethi	FYBFM	Second
35	Shah Pooja Rajesh Kalpana	FYBMS	First
36	Saini Rajpreet Kaur Charanjit Singh Baljinder Kaur	FYBMS	Second

RANK	NAME OF THE STUDENT		SECURING
37	Alam Tahseen Md Noor Farida Khatoon	FYBSc. (Chem-Math-Phy)	First
38	Vishwakarma Anjali Pramod Kumar Umadevi	FYBSc. (Chem-Math-Phy)	Second
39	Das Probhat Dudhkumar Rekha	FYBSc. (Math-Phy-Stat)	First
40	Kala Mahek Suresh Prabha	FYBSc. (Math-Phy-Stat)	Second
41	Singh Sahil Shiv Janaki	FYBSc. Eco-Math-Stat)	First
42	S K Tarannum Parbin Jakir Tubsum	FYBSc. (Eco-Math-Stat)	Second
43	Bhosale Sanjana Vijay Vaishali	FYBSc. (Chem-Micro-Phy)	First
44	Khorate Snehal Babasaheb Shalan	FYBSc. (Chem-Micro-Phy)	Second
45	Khan Anjum Ahsan Nagma	FYBSc. (Chem-Phy-Zoo)	First
46	Shaikh Aisha Mohd Abdul Kalam Farzana	FYBSc. (Chem-Phy-Zoo)	Second
47	Jha Kanak Nishakar Jayanti	FYBSc. (Bot-Chem-Phy)	First
48	Gangan Siddesh Narendra Aarti	FYBSc. (Bot-Chem-Phy)	Second
49	Kadam Ulkesh Rupesh Ruchita	FYBSc. (Bot-Chem-Zoo)	First
50	Ansari Arshiya Anis Mumtaz	FYBSc. (Bot-Chem-Zoo)	Second
51	Bhatt Vishwesh Vijay Vidyeshwari	FYBIOTECH	First
52	Kore Nikita Santosh Mousumi	FYBIOTECH	Second
53	Kandekar Atharva Sunil Sunanda	FYCOMPSc.	First
54	Khan Atique Mohd Shafique Bahistun	FYCOMPSc.	Second
55	Singh Vikas Vijay Pratap Rekha	FYIT	First
56	Aherwar Muskan Ranjeet Sonali	FYIT	Second
57	Mote Rashmi Anand Anuradha	FYFYIC	First
58	Nair Aadhya Prasannakumar Jyothi	FYFYIC	Second
59	Monica Vincent Saji	SYBA	First
60	Samanta Payal Prasanta Pampa	SYBA	Second
61	Pathan Hiba Noormohammed Shabana	SYBAMMC	First
62	Farro Madonna Colin Benzi	SYBAMMC	Second
63	Wadia Parinaz Homiyar Pervin	SYBCom.	First
64	Shinde Shivraj Sunil Sujata	SYBCom.	Second
65	Hebbar Akhilesh Shridhar Tanmai	SYBCom. SF	First
66	Chavan Aditi Nandkumar Namrata	SYBCom. SF	Second
67	Ansari Mohd Tufail Mohd Suhail Kamrunnisa	SYBAF	First
68	Kewalramani Resham Kaur Manjeet Singh Sunita Kaur	SYBAF	Second
69	Sawant Sahil Digambar Suvarnalata	SYBBI	First
70	Malvankar Ruchi Kishor Priti	SYBBI	Second

RANK	NAME OF THE STUDENT		SECURING
71	Ghosalkar Yash Vivek Vibhavari	SYBFM	First
72	Rao Chaitanya Ramesh Manish	SYBFM	Second
73	Bingi Ananya Ganesh Anuradha	SYBMS	First
74	Gavkar Marisha Rajesh Nutan	SYBMS	Second
75	Gupta Shruti Dharmendra Babita	SYBSc. (CHE-PHY)	First
76	Khade Aditya Shailesh Manasi	SYBSc. (CHE-PHY)	Second
77	Shetty Gaurav Jayanth Vijayalaxmi	SYBSc. (CHE-MICRO)	First
78	Yadav Deepa Rajkumar Manbhavati	SYBSc.(CHE-MICRO)	Second
79	Ansari Sabeeha Bano Yar Mohammed Sitarunnisa	SYBSc. (MAT-PHY)	First
80	Tungariya Yashoda Parasmal Indradevi	SYBSc. (MAT-PHY)	Second
81	Dalvi Manav Madhukar Mansi	SYBSc. (MAT-STA)	First
82	Kattacheril Stevan Jose Siji	SYBSc. (MAT-STA)	Second
83	Pandit Amrita Dinesh Nirmala Devi	SYBSc. (BOT-CHE)	First
84	Churai Raagini Prathap Madhuri	SYBSc. (BOT-CHE)	Second
85	Jadhav Somnath Vinayak Vidya	SYBSc. (CHE-ZOO)	First
86	Bevli Ishmeen Kaur Sangita	SYBSc. (CHE-ZOO)	Second
87	Vardam Sakshi Yashwant Prerna	SYBSc. (BOT-ZOO)	First
88	Shaikh Kashifa Hidayatali Khalida	SYBSc. (BOT-ZOO)	Second
89	Gonsalves Cloris Vijay Sabina	SYBIOTECH	First
90	Prajapati Rohit Rajman Rama Devi	SYBIOTECH	Second
91	Kharade Omkar Vitthal Pranali	SYCOMPSc.	First
92	Shaikh Salma Manjar Hasina Banu	SYCOMPSc.	Second
93	Pawar Manpreetkaur Mehtabsingh Savitri Kaur	SYIT	First
94	Haliat Harpreetkaur Sarbjitsingh Kuldeep	SYIT	Second
95	Chaudhary Jagruti Kanikram Kisanavati	SYFYIC	First
96	Gupta Esha Jagdish Kalpana	SYFYIC	Second
97	Salaskar Akshaya Sanjay Snehal	TYBA Economics	First
98	Singh Ananya Arvind Kumar Neelam	TYBA Economics	Second
99	Chandhok Diljeet Kaur Bhupinder Manpinder Kaur	TYBA English	First
100	Gupta Diksha Suresh Gita	TYBA English	Second
101	Singh Kumari Shruti Vinay Swati	TYBA Hindi	First
102	Qureshi Asma Ataulla Salma	TYBA Hindi	Second
103	Khan Aiman Abdulla Zahida	TYBA History	First
104	Khan Mariya Sagir Ahmed Waheeda Anjum	TYBA History	Second
105	Utekar Manasi Rajendra Aarti	TYBA Marathi	First
106	Jadhav Samidha Vinod Sangita	TYBA Marathi	Second

RANK	NAME OF THE STUDENT		SECURING
107	Magar Manisha Ramdas Uma	TYBA Philosophy	First
108	Singh Sanjana Rajendra Aarti	TYBA Philosophy	Second
109	Bagwe Smruti Pravin Prajakta	TYBAMMC	First
110	Hedaoo Darshana Prakash Jayashree	TYBAMMC	Second
111	Kale Yash Mahesh Archana	TYBAMMC	Second
112	Tembkar Niyukti Dhananjay Smita	TYBCom.	First
113	Raut Gayatri Rajendra Anagha	TYBCom.	Second
114	Khan Mahlaqa Bano Abdus Salam Akhtarunnisa	TYBCom. SF	First
115	Farooqui Arfia Bano Mohd Arif Khalida Bano	TYBCom.SF	Second
116	Jain Chetan Bhewarlal Neela	TYBAF	First
117	Talekar Shweta Santosh Rohini	TYBAF	Second
118	Tiwari Dhiraj Awadhesh Kumar Manju	TYBBI	First
119	/Arora Divya Inderjitsingh Meenakshi	TYBBI	Second
120	Rai Rudra Dinbandhu Savita Rai	TYBFM	First
121	Dubey Anand Sunil Chandra Geeta	TYBFM	Second
122	Mishra Ajaykumar Krishna Chandra Kiran	TYBMS	First
123	Karanjekar Akanksha Arvind Sneha	TYBMS	Second
124	Khan Saleha Mohammed Yusuf Saeeda	TYBSc. Botany	First
125	Gonsalves Smitha Anthony Mary	TYBSc. Botany	Second
126	More Manswi Kishor Kavita	TYBSc. Chemistry	First
127	Munshi Munazza Juber Ahamad Naseem Bano	TYBSc. Chemistry	Second
128	Tadgonda Shakti Mallesh Yashoda	TYBSc. Mathematics	First
129	Mitkar Pratiksha Premnath Jaywanti	TYBSc. Mathematics	Second
130	Ghanekar Shubham Dayal Darshana	TYBSc. Microbiology	First
131	Qasmi Kahkasha Bahrul Oloom Gazala Parveen	TYBSc. Microbiology	Second
132	Rane Shubham Suresh Supriya	TYBSc. Physics	First
133	Mishra Shweta Atul Babita	TYBSc. Physics	Second
134	Ghase Nikhil Namdev Rajashree	TYBSc. Statistics	First
135	Parab Siddhi Santosh Sayli	TYBSc. Statistics	Second
136	Anandas Shalmon Nathanel Vidya	TYBSc. Zoology	First
137	Tawde Ishita Sachin Akshata	TYBSc. Zoology	Second
138	Jogale Sanjana Sunil Sushma	TYBIOTECH	First
139	Shaikh Mohammed Amaan Ansar Nazma	TYBIOTECH	Second
140	Johal Jagraj Singh Atma Singh Sandeep Kaur	TYCOMPSc.	First
141	Gimhavanekar Rahul Pravin Prajakta	TYCOMPSc.	Second
142	Noor Anam Noorul Hasan Mohsina Zia	TYIT	First

RANK	NAME OF THE STUDENT		SECURING
143	Salmani Imran Hamid Roshanjaha	TYIT	Second
144	Tiwari Geetanjali Ramji Shobha	TYFYIC	First
145	Geetika Preman Bindu	TYFYIC	Second
146	Kamal Afreen Mohd Bashir Gulnar Bee	MA PART-I	First
147	Sharma Sarita Rajkumar Bimla	MA PART-I	Second
148	Bordia Priyanka Ganpatlal Sunita	MCom. Part-I Adv. Acc.	First
149	Mukesh Natarajan Suseela	MCom. Part-I Adv. Acc.	Second
150	Rodrigues Brinell Jerome Belinda	MCom. Part-I BM	First
151	Shetty Saroj Pushparaj Chandrakala	MCom. Part-I BM	Second
152	Shetty Karthik Sadashiv Vijayalaxmi	MSc. Bioanalytical Science Part-I	First
153	Chavan Prachi Pratap Pranjali	MSc. Bioanalytical Science Part-I	Second
154	Gupta Shalini Rajesh Jyoti	MSc. BIOINFO Part-I	First
155	Brid Sandesh Vinod Varsha	MSc. BIOINFO Part-I	Second
156	Shaikh Kashish Anmol Mohammed Salim Nasreen	MSc. Biotechnology Part-I	First
157	Bambarkar Prajakta Chandrakant Archana	MSc. Biotechnology Part-I	Second
158	Gogari Priyank Pankaj Bhavna	MSc. Botany Part-I	First
159	Sinha Neha Sanjeev Neeraj	MSc. Botany Part-I	Second
160	Yadav Nikita Makkhanlal Badama	MSc. Chemistry Part-I	First
161	Jadhav Shravani Shreeram Shraddha	MSc. Chemistry Part-I	Second
162	Dangat Pooja Vilas Manisha	MSc. Computer Science Part-I	First
163	Swamy Srimani Ratnam Dorai Swamy Lakshmi	MSc. Computer Science Part-I	Second
164	Khalsa Gurbahul Singh Gurbinder Singh Devinder Kaur	MSc. IT Part-I	First
165	Basutkar Shruti Sharad Madhuri	MSc. IT Part-I	Second
166	Tripathi Tripti Gyanesh Kumar Manju	MSc. Microbiology Part-I	First
167	Thakur Suruchi Suresh Shakuntala	MSc. Microbiology Part-I	Second
168	Vora Megha Timir Alka	MSc. Nutraceuticals Part-I	First
169	Ghate Tejaswini Anant Swati	MSc. Nutraceuticals Part-I	Second
170	Shaikh Jabeen Salim Ahmed Tasneem	MSc. Physics Part-I	First
171	Solanki Aartikanwar Manoharsingh Mathurakanwar	MSc. Physics Part-I	Second
172	Kanuga Lavin Anil Sarla	MSc. Zoology Part-I	First
173	Parab Radhika Sunil Shubhangee	MSc. Zoology Part-I	Second
174	Bhatkar Sadaf Zakir Hussain Farida	MSc. FYIC Part-I	First
175	Khanna Tejal Naresh Smita	MSc. FYIC Part-I	Second
176	Soni Annu Fulchand Saroj	MA Part-II	First
177	Gupta Chaya Hiralal Usha	MA Part-II	Second

RANK	NAME OF THE STUDENT		SECURING
178	Poojary Nikita Vishwanath Shalini	MCom. Part-II ADV.AC	First
179	Gupta Kirti Subhash Neelam	MCom. Part-II ADV.AC	Second
180	Pawar Simran Sarbinder Jasmeet	MCom. Part-II BM	First
181	Jain Chandna Roshan Manjula	MCom. Part-II BM	Second
182	Gupta Rishiraj Vishwanath Radhika	MSc. Bioanalytical Science.Part-II	First
183	Dudhade Dipti Balasaheb Pushpa	MSc. Bioanalytical Science.Part-II	Second
184	Tiwari Komalharini Ramdas Asha	MSc. BIOINFO.PART-II	First
185	Shaikh Anam Arshi Mohd Azam Nazma	MSc. BIOINFO.PART-II	Second
186	Bhosale Omkar Dipak Laxmi	MSc. Biotechnology Part-II	First
187	Sawant Sanjana Santosh Asmita	MSc. Biotechnology Part-II	Second
188	Konde Anuja Vilas Kavita	MSc. Botany Part-II	First
189	Salunke Divya Sudhir Pooja	MSc. Botany Part-II	Second
190	Arora Ivneet Kaur Avtar Singh Pritam Kaur	MSc. Chemistry Part-II	First
191	Kaluste Bhumika Deepak Vandana	MSc. Chemistry Part-II	Second
192	Joshi Omkar Rajendra Jyotsna	MSc. Computer Science Part-II	First
193	Dalvi Chirag Ankush Anagha	MSc. Computer Science Part-II	Second
194	Atak Jayshree Gorakh Sangita	MSc. IT Part-II	First
195	Mishra Priyanka Prakashchandra Mriduladevi	MSc. IT Part-II	Second
196	Thakur Kabir Ravindra Singh Preeti	MSc. Microbiology Part-II	First
197	Dhamapurkar Vrushali Vilas Jyotsana	MSc. Microbiology Part-II	Second
198	Bhat Sneha Sunil Smita	MSc. Nutraceuticals Part-II	First
199	Singh Jyoti Jitendra Usha	MSc. Nutraceuticals Part-II	Second
200	Sahu Piyush Mahesh	MSc. Physics PART-II	First
201	Ansari Nimrah Firoz Rafia	MSc. Physics PART-II	Second
202	Rizvi Nahid Fatima Mohammadmehdi Zarina	MSc. Zoology PART-II	First
203	Sahoo Sudam Nilkanth Ranjitarani	MSc. Zoology PART-II	Second
204	Meher Siddhi Bipin Sandhya	MSc. FYIC PART-II	First
205	Mehta Dhruvi Lalit Sheela	MSc. FYIC PART-II	Second

***“If you want to walk fast, walk alone
If you want to walk far, walk together.”***

-Ratan Tata

NSS



Clean up Drive under Swachta Bharat programe



Yoga training for Asba Workers



College Compost pit maintenance

Plastic Waste Management & Awareness Campaigning at Chembur



Road construction



Mithi River Awareness Drive & Street Play



Nursery maintenance



College Blood Donation drive for Tata Memorial Hospital



Polio vaccination at Korba Mithaghar



Felicitation by UWM for achieving Ranks in Road Safety intercollegiate competitions



Felicitation by Registrar, Mumbai University for best performances on February 15 _ 16, 2022 Railway blood donation drives



Felicitation for remarkable contribution in Women's Day special Railway blood drive



Turtuk Valley Teachers Visit

ROTARACT CLUB



Annadan



Donation



Food Donation Drive



Raksha Bandhan Celebrations

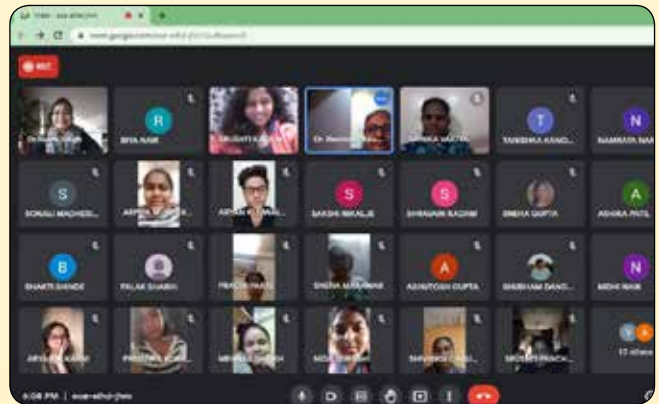
HISTORY



Christmas Celebration with kids of NGO, Astrunjung



Farewell of Dr. R.K.Cheema



Certificate course on Tourism

COMMERCE



Participants at Smt. MMP Shab College for a Workshop



Students with Resource Person, Dr. Arpita Sharma



Sarita Sharma, 2nd prize, at Smt. MMP Shab College

BOTANY

International Conference Inaugural Function



Key Note Speaker Padmashree, P Tandon at International Conference



School Students at Science Day Celebration



Science Day Celebration

WDC



Skill Development Webinar

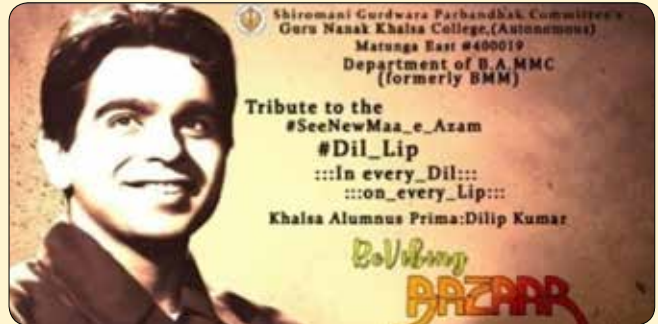


Women Day Rangoli

BMM



A student Presenting Research paper at the Symposium



Ek Yusufi Yug



Elixir on Virtual Stage



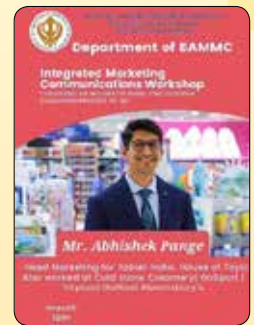
Saagar Yaara prelude



Students at Mumbai International Film Festival (MIFF)



Workshop on Career Guidance



Workshop on IMC



Winners of Piece to Camera (P2C)



Synergy- Social activity conducted by students

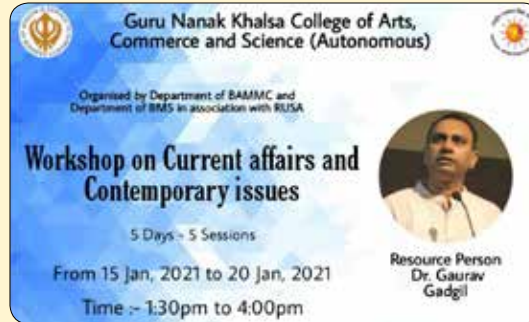


FYBAMMC student, Siddhi Katkar at KC College Festival

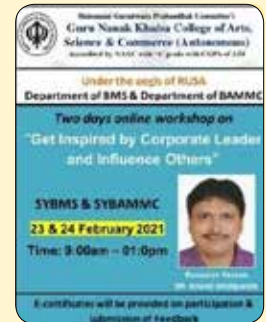
BMS



FYBMS Orientation Programme



Online Workshop on Current Affairs



Online Webinar on Corporate Leadership

COMPUTER SCIENCE



Participants at Junoon Jeet Ka



Junoon Jeet Ka



E-Spark Intercollegiate Festival

BIOINFORMATICS



Participants at Human and Technology Workshop



Interactive Session on Human and Technology



Industrial visit to NFB for M.Sc. Bioinformatics



Workshop on Introduction To Machine Learning

BIOTECHNOLOGY

Popular Science Lecture
 Organized by
Indian Women Scientists' Association,
 Vashi, Navi Mumbai
 Supported by Board of Research in Nuclear Sciences (BRNS)-DAE
 in association with
Department of Biotechnology
 Shriomani Gurdwara Prabandhak Committee's
Guru Nanak Khalsa College of Arts, Science and Commerce (Autonomous)
 Matunga, Mumbai
 Accredited by NAAC with 'A' Grade with CGPA of 3.54
Webinar on
Stem Cells in Regenerative Medicine: What is the Reality?
Guest Speaker
Dr. Sanjeev Waghmare
 Senior Scientist,
 Cancer Research Institute,
 ACTREC, Tata Memorial Centre,
 Kharghar, Navi Mumbai
 All are cordially invited to

Guest lecture by Dr. Sanjeev Waghmare

Biogeographical venom variation in Indian snakes underscores the pressing need for pan-India efficacious snakebite therapy
Evolutionary Venomics Lab
IISc
 Presented by:
Saurabh Attarde, Ph.D.
 Post-Doctoral Fellow
 Centre for Ecological Sciences,
 Indian Institute of Science,
 Bangalore, India.

Guest lecture by our Alumnus Saurabh Attarde

Department of Biotechnology
 Presents
WEBINAR ON 'APPLICATION OF BIOTECHNOLOGY IN HEALTHCARE: DIAGNOSIS OF CONGENITAL BLEEDING DISORDERS'
 02:30 PM IST THURSDAY, SEPT 2nd
Dr. RUCHA PATIL
 Assistant Professor
 Department of Therapeutics and Biotechnology,
 CSIR National Institute of Immunohematology (NIIH),
 Indian Council of Medical Research

Webinar by Scientist, Dr. Rucha Patil

MSC. BIOANALYTICAL SCIENCE



Industrial Visit to Sitec Labs Pvt. Ltd.

Workshop on Patent Drafting Specifications



Workshop on IPR



CHEMISTRY



E3 Lecture Series

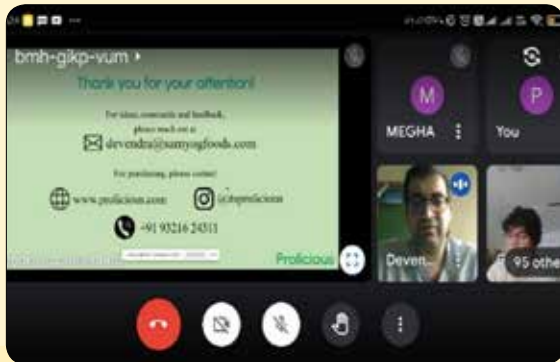


Online Workshop on Laboratory Safety and Transportation of Casualty



Guest Lecture by Prof. B M Bhanage

NUTRACEUTICALS



Webinar on Healthy protein snacks in lifestyle disorders on 20th September 2021 by Mr. Devendra Charwla (Founder, Samyog Foods)-
NUTRITION WEEK



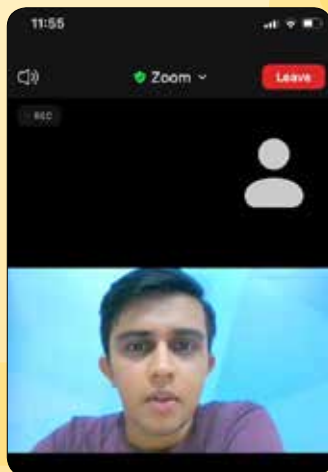
Conducted an online orientation program for M.Sc Part-I Students (2021-2022)



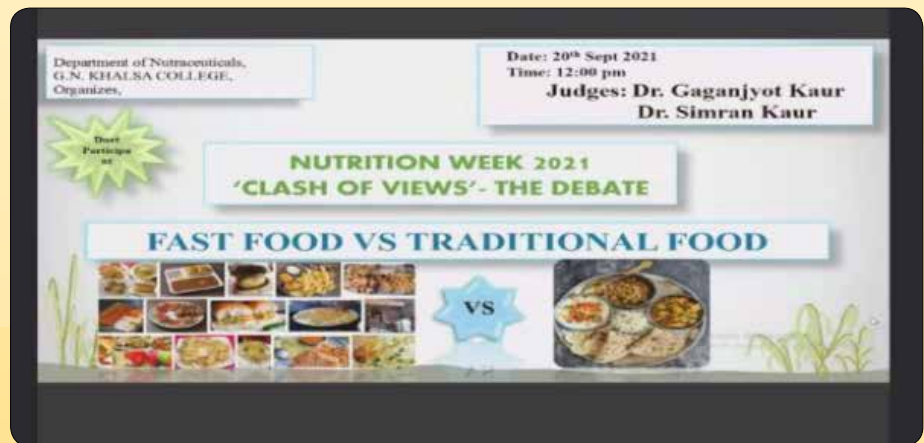
KalaKruti Competition- Nutrition week 21st September 2021



Hazard Analysis Critical Control Point (HACCP) and Food Safety Workshop held on April 26th - 27th 2022, by Mr. Sanjay Indani Head - Food Safety - Trainer & Auditor, Safe Foodz Solutions



Webinar on "Resume Building", by Mr. Chintan Mehta on 28th August, 2021 (Strategic marketing specialist-IIDE)



Debate Competition- Nutrition week 20th September 2021

PHYSICS



Poster Competition



Science Day Celebration



Rangoli Exhibition

NFB



Celebration of National Mathematician Day



Online Workshop on Recombinant Protein Production _ Expression Analysis



Seminar on Induced Pluripotent stem cell therapy for treatment of retinal ganglion cell death in Glaucoma



Workshop - Hands on training on Affinity Chromatography

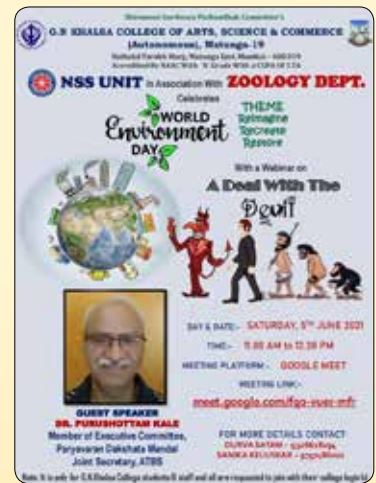
ZOOLOGY



Credit Course Aquarium Setting and Landscaping



SGNP Trial



World Environment Day Celebration



Conchology Credit Course



Credit Course - Birds of Mumbai



INFORMATION TECHNOLOGY



*E-Spark
Inauguration
Ceremony*



Poster Competition E-SPARK



Interaction Session During Placement Drive



Webinar on Cyber Sakhi

GNIRD



*Chromatography
workshops*



*Analytical workshop
on Microbiology*



*Microbiology
students getting
trained on TLC*

MICROBIOLOGY



Farewell of Durga Parwar Madam



Guest Lecture by Resource Person, Dr. Narendra Chirmule

NATURE CLUB



Bonsai making



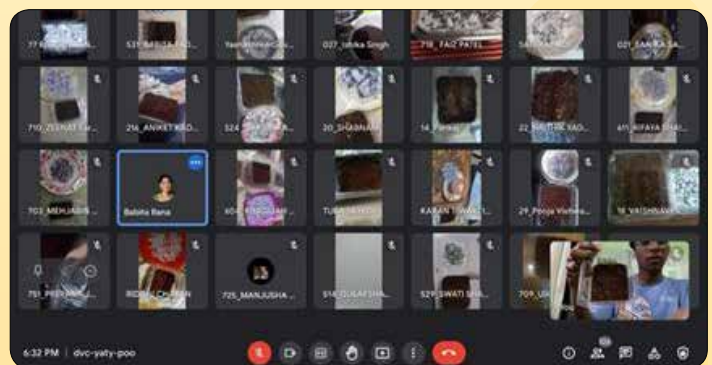
Kokedama exhibition



Guest lecture on Plastic Management

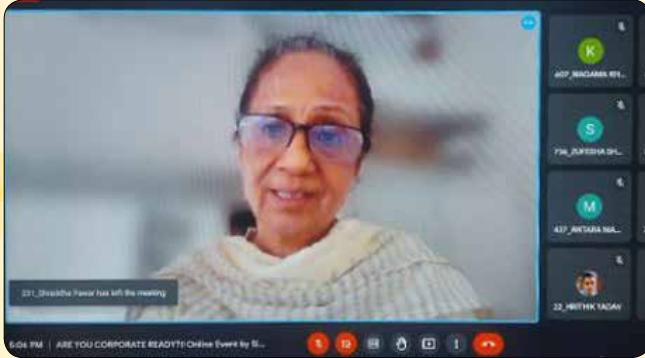


Vegetable carving

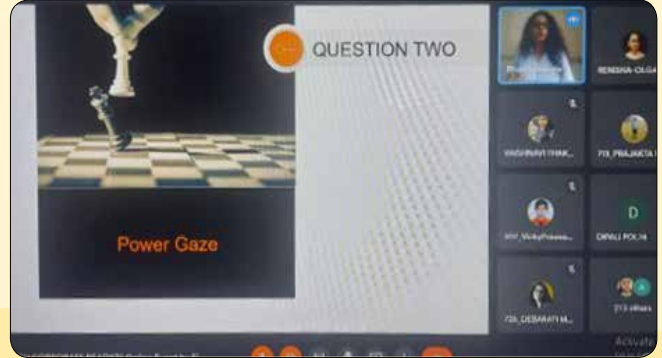


Microgreen workshop

PHILOSOPHY



Vice Principal addressing participants at First Impression



Webinar – First Impression

HINDI



Participants at Smt. MMP Shah College for a Workshop



Sarita Sharma, 2nd prize, at Smt. MMP Shah College



Students with Resource Person, Dr. Arpita Sharma

MARATHI



Book Exhibition



Marathi Bhasha Divas



Marathi Bhasha Pandhrwada - Guest lecture



Marathi Bhasha Divas

NON-TEACHING STAFF



Performing Satyanarayana MahaPooja



Staff members involved in preparation of Mahaprasad

JUNIOR COLLEGE



Dr. Govind Nirmal receiving The Best Hindi Teacher Award by Manav Lok



Dr. Govind Nirmal, receiving The Best Hindi Teacher Award by Pasbaan, Maharashtra Government



Jr College Winners at Pasbaan Zabaan Hindi Diwas Kavita Pratiyogita



Students collected damaged flags and submitted at BMC office



Students celebrating Hindi Diwas

Au Revoir - A Beginning of a new Highway



Mr. Suresh Shigam,
Administrative Staff



Dr. Suryakant
Ajgaonkar,
Marathi



Mr. Ravindra Deore,
Chemistry



Mrs. Ravinder Kaur
Cheema
History



Ms. Beena George
*Physics,
Jr College*



Dr. Davinder Kaur Bhasin
Philosophy



Fond Remembrance

*"Your life was a blessing, your memory as treasure,
you are loved beyond words and missed beyond measure"*



Dr. Geeta Sadani
Biotechnology



Ms. Sarika Thakrey
Chemistry



Mr. Hemant Rane
Administrative Staff



Dr. Sneha Panvalkar
Biotechnology



PhD Awardees



Dr. Anita Pasbola
Commerce



Dr. Manoj Kumar
Hindi



Dr. Arvind Rajdeo Singh
Physics



Dr. Yogesh Mohan
Suryawanshi
GNIRD

FACULTY

Senior College



Note: In view of COVID-19 Pandemic, Senior College photograph for the Academic Year (2021-22) was taken on Monday, 10th October, 2022.

Junior College



Note: In view of COVID-19 Pandemic, Junior College photograph for the Academic Year (2021-22) was taken on Monday, 10th October, 2022.

Administrative Staff



Note: In view of COVID-19 Pandemic, Administrative Staff photograph for the Academic Year (2021-22) was taken on Monday, 10th October, 2022.

LEO CLUB



Beautification of Matunga Station 2.0



MahaKaal



Prodb Shiksha



Warli Style Wall Painting



Free Eye Screening Camp_on another day



Swastha Bharat



Digital India



Antigen-Antibody



Womens Day Rangoli



Paper Flowers