



**SOMAIYA**  
**VIDYAVIHAR**

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



# **K J Somaiya College of Science and Commerce, Vidyavihar**

Empowered Autonomous - Affiliated to University of Mumbai

Re-accredited "A" Grade by NAAC

## Annual Report

### 2024-25

Compiled by IQAC



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## Department Activities 2024-25

### Commerce

**Title** - Careers in Banking Sector

**Date** - 16<sup>th</sup> July 2024

**Description** - An informative session on careers in banking sector was conducted by Mr. Prathmesh Tawde. The Seminar aimed to educate students about various careers in the banking sector and how it can be pursued. He shared his valuable knowledge and experience about banking with the students and gave various interesting valuable tips. This seminar was a great success with informative knowledge, practical examples and provided valuable insight of the Banking Sector to the undergraduate students. 90 students attended this session.



**Title** - Human Trafficking: No One's Freedom is For Sale

**Date** - 29<sup>th</sup> July 2024

**Description** - A comprehensive talk on human trafficking and exploitation was engaged by Mrs. Priti Patkar, founder of Prerana NGO. She spoke about her significant contribution in designing the first night care Centre for children born in the red light areas of Mumbai She specifically focused on Section 143 of the Bharatiya Nyaya Samhita and explained the section in detail with respect to the meaning and purpose citing cases. No. of beneficiaries - 83.



**Title** - Session on 'How to Read Scientific Literature'

**Date** - 2nd August 2024

**Description** - Dr. Anupma Harshal held an engaging session on 'How to Read Scientific Literature'. The session was aimed at preparing students on how to carefully study & analyze a research paper in a comprehensive manner. Dr. Anupma shared her expertise & knowledge on the subject with the students, encouraging them to approach research with a new perspective. No. of beneficiaries- 37



**Title** - How to write a Research paper

**Date** - 6<sup>th</sup> August 2024

**Description** - Dr. Sayali Yadav conducted a workshop on "How to write a research paper". Following points were discussed such as how to make a research problem statement, how to gather information with the help of primary and secondary sources, Students were encouraged to identify various society related issues and design a problem statement. It was followed by questions and answers. No. of beneficiaries- 44



**Title** - Poster & Creative Book Exhibition of Advertising

**Date** - 21<sup>st</sup> & 23<sup>rd</sup> September 2024

**Description** - Students of SYBCOM Management Major have Advertising as a vocational subject. On the basis of learning they had been given a task to create a poster of an imaginary product applying creativity to it. Students came up with wonderful new ideas of innovative products. During Lecturers they had been given different assignments to be completed creatively in their CREATIVE BOOK. All these books were exhibited and received appreciation from the visitors. No. of beneficiaries- Students UG 99, Teachers 12



**Title** - Aavishkar- A research project in commerce

**Date** - 14th August ,2024

**Description** - Dr. Jyoti Jangir was invited as a resource person to conduct a session on Avishkar- Research Projects for Commerce students. The speaker highlighted the different aspects of Aavishkar projects such as its connection with the social issues, students participation at various levels in Aavishkar competition, identifying the research problem etc. The speaker also discussed the steps for participating in the Aavishkar competition and the rules pertaining to the research project. The session was followed by a question and answer session. No. of beneficiaries- 44



**Title** - Raksha Bandhan Celebration with Security on Campus

**Date** - 17<sup>th</sup> August 2024

**Description** - Students of Commerce club S.Y.B. Com G division participated in celebrating Raksha Bandhan by tying the Rakhi to the security on campus. 16 students participated in



this activity and tied Rakhi to 50 security guards on campus. They distributed sweets and a small gift as a token of appreciation.



**Title** - A. D. Shroff memorial elocution competition

**Date** - 20<sup>th</sup> September 2024

**Description** - 58th A. D. Shroff Memorial Elocution Competition was held in collaboration with the Forum of Free Enterprises. It was a college level round of the competition where students from all FY and SY participated showcasing their talent in the competition. The Guest Judges of the competition were Mr. Tushar Bagwe, Head, English Department, KJSSC and Mr. Ramlakhan Surju, MA (Economics) and B.Ed. The topics for the competition were as follows: 1.Digital Infrastructure-a new strategy to integrate India; 2.Has India arrived on the global sports scene?; 3.Economic reforms-the unfinished agenda. There were a total of 12 participants out of which the top three participants were given cash prizes from the Forum of Free Enterprise.



**Title** - AVSAR- Kuch Kar Dikhane Ka

**Date** – 11<sup>th</sup> December 2024

**Description** – The event was inaugurated by the head of Commerce Dr. Hemangi Bhagwat. More than 80 students participated in various competitions from commerce as well as science stream. Many interesting and knowledgeable activities were conducted throughout the fest like Elocution competition, Debate, Guess me, Ad mad show, Startup pitch, Management Games, Poster and Photography exhibition and Share Bazar. Winners were felicitated with interesting prizes.


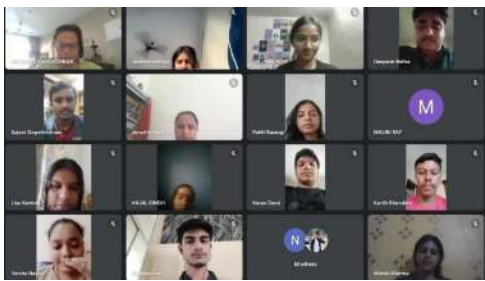


**Title** – Union Budget Analysis

**Date** – 8<sup>th</sup> February 2025

**Description** – The activity on the Union Budget Analysis was organized for Students to enhance their analytical skills and raise current affairs awareness. The students analysed the union budget provisions for various sectors such as agriculture, education, health, defence for the financial year 2024-25. Some students even compared the current budget with the previous



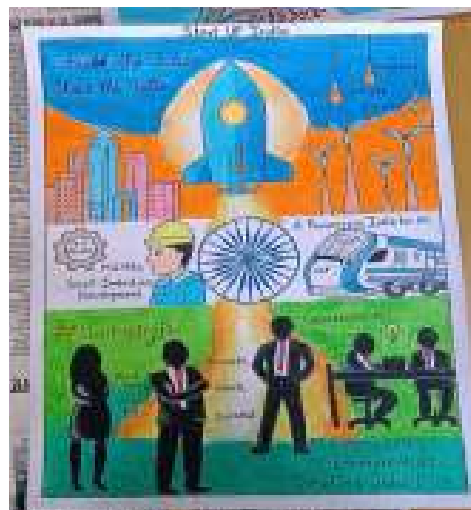
<p>budget. Few teachers also presented their analysis on various sectors. They also studied the impact of these budget provisions on those sectors. No. of beneficiaries- 28</p>	
<p><b>Title</b> - International Women's Day celebrations</p> <p><b>Date</b> – 8th March, 2025</p> <p><b>Description</b> – The day was celebrated with fervour glorifying women empowerment wherein the female staff members of the institution both degree and junior college along with the non-teaching staff members participated in the walkathon organised by the institution. No. of beneficiaries- 35</p>	
<p><b>Title</b> - Sanvidhan Gaurav Mahotsav</p> <p><b>Date</b> – 17th February, 2025</p> <p><b>Description</b> – Dr Archana Padgaonkar stated the significance of 26th November 1949 and 26th January 1950 where the constitution was adopted and brought into effect respectively. She focused on the key points of the constitution. The Preamble was discussed at length which constituted India as a sovereign ,socialist, secular, democratic republic including</p>	

the meaning and significance of justice, liberty, equality and fraternity. Students were given an insight about the basic structure of the constitution which highlights its division into federalism, rule of law and separation of powers. Fundamental duties and rights available to the citizens were discussed briefly. No. of beneficiaries- 67

**Title** - Republic Day

**Date** - 27th January 2025

**Description** - Commemorative day on the occasion of Republic Day was organized by conducting a poster making competition on 27th January. Students have submitted the posters on the above theme. No. of beneficiaries- 7



**Title** - Commemorative Day (Death Anniversary of Veer Savarkar)

**Date** – 28th February 2025

**Description** – The students were asked to write and submit an essay on any one of the three provided topics on ‘Veer Savarkar’ in 800 - 1000 words. They were asked to submit on or before 28th February 2025. No. of beneficiaries- 3



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College with Empowered Autonomy  
Commerce Section  
ORGANIZES  
**Essay Writing Competition**  
**Commemorative Day 26th February**  
**Death Anniversary Of**  
**Veer Savarkar**

**Topics:**

1. Role of Swatantrya Veer Savarkar in the Indian Freedom Struggle.
2. Literary contribution of Swatantrya Veer Savarkar.
3. Swatantrya Veer Savarkar as a Social Reformer.

Submit Essays to Prof. Pooja Nair Before 28th February

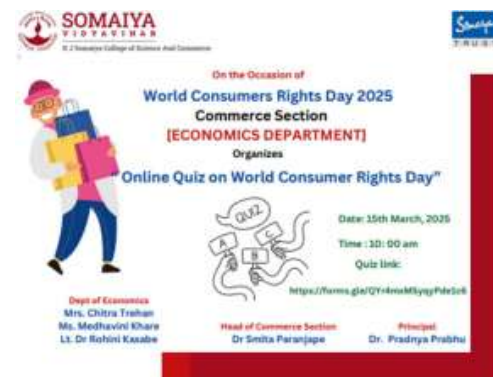
DR. SMITA PARANJAYE  
HOD Of Commerce

DR. PRADNYA PRABHU  
PRINCIPAL

**Title** - World Consumer Rights Day

**Date** – 15th March,2025

**Description** – World Consumer Rights Day was celebrated through organizing an online quiz competition to spread awareness about consumer rights. The aim was to help students understand their rights and responsibilities as consumers. A total of 25 students took part in the quiz. The questions covered topics like consumer rights, duties, laws, and fair business practices. The event was held online, allowing many students to participate easily. The quiz was exciting and educational. The top students were appreciated for their good performance.



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On the Occasion of  
**World Consumers Rights Day 2025**  
Commerce Section  
**(ECONOMICS DEPARTMENT)**  
Organizes  
**Online Quiz on World Consumer Rights Day"**

**Dept of Economics**  
Mrs. Chitra Trahan  
Ms. Medhavini Khare  
Lt. Dr. Rishini Kasabe

**Head of Commerce Section:**  
Dr. Smita Paranjaye

**Principal:**  
Dr. Pradnya Prabhu

Date: 15th March, 2025  
Time : 10: 00 am  
Quiz link:  
<https://forms.gle/QY4nsmM3yqjP4e3n4>



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E-certificates were also given to all participants  
as recognition of their efforts.

No. of beneficiaries- 25

## Physics

**Title:** Echoes Across Time: Past Students Present Connections (Alumni interaction with present students)

**Date:** 1st July 2024

**Description:** The session aimed to motivate and guide current students on how to prepare for competitive examinations, with alumni Kush and Ashwin sharing their experiences. Kush, who cleared JAM 2023 and is now pursuing his MSc at IIT Jamshedpur, emphasized the importance of continuity in studies and focusing on strengths. Ashwin, pursuing his MSc at Delhi University, emphasised on the significance of continuous study and ongoing preparation. Both alumni addressed the doubts of current TYBSc students. A total of 16 TY students benefited from the session.



**Title:** Demonstration of Physics Experiments

**Date :** 19th July 2024

**Description :** The Department of Physics and Somaiya Center of Integrated Science and Education Research organized an interactive session on “Demonstration of Physics Experiments” by Dr. Jayant Joshi from BARC. Dr. Joshi explained fundamental physics concepts such as Pascal’s Law, Bernoulli’s principle, buoyant force, and pressure, using everyday objects. The students were fascinated by demonstrations of Newton’s cradle, ultrasonic vibrator, and plasma ball.. The event effectively showcased how simple experiments can bring complex physics concepts to life.



**Title :** Women Safety in Modern Times

**Date :** 16th August 2024

**Description :** The program aimed to evaluate the current challenges and solutions related to women’s safety, focusing on the effectiveness of existing safety measures, policies, and technologies. Mr. D. Sivanandan, retired IPS officer, former DGP of Maharashtra, and former



Commissioner of Police, Mumbai, led the session. He discussed the alarming frequency of violence against women, including kidnapping, rape, and domestic cruelty, and emphasized the importance of enforcing legal protections. A significant portion of the talk was dedicated to the issue of workplace sexual harassment, urging better awareness and legal enforcement. The session, attended by 135 UG and PG students and 10 faculty members, encouraged active discussion on safeguarding women's rights and dignity. This session was organised in collaboration with WDC, KJSSC.



**Title :** The Light Show

**Date :** 30th August 2024

**Description :** The aim of "The Light Show" was to popularize science, particularly Physics, by making learning fun and interactive. This event focused on optics-based phenomena, featuring engaging demonstrations and games. SYBSc students led the exhibition, supported by enthusiastic FYBSc volunteers. The demonstrations included topics such as reflection, refraction, diffraction, interference, fluorescence, and the Rochester cloak, showcasing the concept of invisibility. Visitors, including students from local schools and colleges, enjoyed the interactive experience. Students played a key role in explaining concepts to schoolchildren. Provost Dr. Raghunath K. Shevgaonkar visited the event, commended the volunteers' efforts, and encouraged them. Around 550 students from various institutes like S M Shetty school, KJSIT, KJSSC, The somaiya School, S K Somaya Jr college etc. visited the exhibition along with their faculty members.



**Title:** Aunbandha 2024 (Alumni Meet)

**Date:** 31st August 2024

**Description:** The aim of the alumni meet was to reconnect former students with their alma mater, share experiences, and strengthen the bonds between alumni and current students. The event, attended by around 44 graduates from 1986 to 2024, featured nostalgic moments and heartfelt exchanges. Retired professors were warmly greeted, and alumni expressed gratitude for their teachers' inspiration. The cultural program included a bhajan by Arya (MSc student), guitar and violin recitals (TYBSc students + alumni), and Hindi poetry recitation by Dr. Jitendra Pendharkar. Held in the physics lab, the meet was a celebration of lasting connections and memories.



**Title:** Swap the Skills: Origami workshop “ Crafty Folds”

**Date:** 28th September 2024

**Description:** Origami is an art of paper folding. This form of art helps children to think creatively, improvise their concentration, fine motor skills and make beautiful models of animals, birds, flowers etc with colorful papers following simple step by step instructions. In view of this, an Origami Workshop was conducted by Mr. Shree Bankar on 31st August 2024 at 12 noon in the Physics Laboratory.

Students appreciated this idea and few students expressed their wish to conduct the future sessions.



**Title:** Departmental Feast “ Fizika”

**Date:** 10th January 2025 to 13th January 2025

**Description:** Fizika 2025 aimed to immerse students in the exciting world of physics through a series of interactive events and academic sessions, promoting critical thinking, creativity, and collaboration. Day 1 began with an insightful guest lecture by Dr. Arnab Bhattacharya on semiconductors and band gaps, captivating 160 students and faculty members. Following the lecture, the Quiz Competition saw 50 participants forming 25 teams, competing in a test of knowledge and teamwork. The day concluded with Bob the Builder, an engineering challenge where 32 participants demonstrated their innovative skills in constructing weight-bearing models. On Day 2, an Essay Competition on “Digital Revolution: Education in the Age of AI,” showcasing the creative and analytical thinking of 10 participants. This was followed by a lecture by Prof. Mahesh Shetti on the formation of the Milky Way, attended by 109 students and staff. The day continued with Fizingo, a physics-themed bingo, a Hackathon, and a Treasure Hunt with 52 participants. The event was organized and managed by TYBSc





and MSc I students and sponsored by Adani foundation, Teaffee, and a startup venture - Playing with beads.

A total of 177 students from various colleges participated in Fizika 2025, which culminated in a valedictory session that celebrated the winners and reflected on the event's success. The event provided a dynamic blend of academic challenges, creative activities, and intellectual exchange, fostering a sense of achievement and collaboration among all involved.

## Microbiology

**Title** - “The Gut Gang: ‘-biotics’ - Alive, Dead and Everything in between”

**Date** – 14th August 2024

**Description** - The session was an insightful exploration into the world of biotics and their impact on gut health. The discussion delved into the roles of probiotics, prebiotics, paraprobiotics and postbiotics, providing a clear understanding of how these components interact with the gut microbiome. Participants were introduced to the concept of live and dead biotics with a focus on how both can influence gut health differently. Participants left the session with a deeper appreciation of the complex interplay between diet, microbiota, and health, and the knowledge to make informed decisions regarding the inclusion of biotics in their daily lives or clinical practices.



**Title** - Journal Club Event: Topic- Bacterial Pigmentation and Applications

**Date** - 05th August 2024

**Description** - The primary focus was on helping students learn to read a research paper and present in front of others. This helped them to incorporate innovative, research based ideas into their life. 02 MSc Part I students presented 02 different research papers related to Staphyloxantin and Pyocyanin pigments and its various applications, and questions were asked by other UG and PG students. There were constant interactions, which created a dynamic and participative research atmosphere among students. The students seemed to be actively involved in the presentation. Overall, the seminar appears to have provided a well-rounded research experience and professional development of the presenters. The session met with a lot of positive response from the student audience.



**Title** - Session on “Ten Mantras for Well-being”

**Date** – 21st August 2024

**Description** - The Department of Microbiology had organized a session on 21-08-2024 at 2pm. Speaker presented the objectives of the session, emphasizing the role of well-being, happiness, SWOT analysis for well-being. Speaker emphasized on the importance of mind, body, spirit and environment. Speaker presented the significance of active discussion with family members, senior citizens, vision board for consistent growth, role of health, PERMA model by Martin Seligman, positive emotions, engagement and holistic approach. Overall, the event witnessed a significant number of participants from undergraduate and postgraduate classes.



**Title** - 'Training in ICT tools and Cooperative Learning Strategies in Teaching and Learning Process'

**Date** - 06th August 2024

**Description** - During the first session, Quizziz, Mentimeter, Kahoot, and Poll Everywhere were among the quizzing technologies that Dr. Trupti Rane displayed and taught how to use. Dr. Lolly Jain began the second session by introducing the Quizlet and Testmoz ICT tools. The participants turned in their assignments and practiced using all the tools. The third session covered creating brochures, posters, discussion forums, mind maps, and feedback gathering using Canva, Padlet, and EDraw mind tools. Bookwidget, Hot potatoes and crossword making tools were also demonstrated. Using cooperative learning techniques with the participants was the focus of the fourth session. Round Robin, Three Step Interview, Team, Pair, Share, and Three Stay, One Stray were all covered and practiced.



**Title** - Unleashing Potential: The Path to Gender Equality

**Date** - 24th August, 2024

**Description** - On August 24, 2024, the Microbiology Department organized a session on gender equality, conducted by CA Taruna Jain, Former Secretary, Akhil Bhartiya Terapant Mahila Mandal. The session was attended by both undergraduate and postgraduate students.



**Title** - 3-Day Workshop on Bioinformatics

**Date** - 22<sup>nd</sup>, 23<sup>rd</sup> and 24th August 2024

**Description** - A comprehensive Bioinformatics workshop was conducted by Dr. Nandini Kotharkar, an esteemed Assistant Professor from the Department of Biotechnology at Fergusson College, Pune from August 23<sup>rd</sup> to 25<sup>th</sup>, 2024. The workshop was organized for M.Sc. II students in the Microbiology Department and provided a deep dive into the field of bioinformatics. The workshop was highly informative and provided participants with theoretical knowledge and practical experience



in bioinformatics.

**Title** - Digital poster exhibition: Exploring recent trends in biology

**Date** - 29th August 2024

**Description** - Digital poster exhibition: 'Exploring recent trends in biology' was organized in association with the Microbiologist Society of India. Mrs Hemlatta Chakraborty, Former Head, Department of Microbiology was the judge for the competition. 20 MSc Semester I students had presented the posters. The aim of the event was to spread awareness about how biological principles can be harnessed to address global issues in different fields like health crisis, advancement in diagnostic techniques, future directions in medical biology.



**Title** - Microscope

**Date** - 2nd September 2024

**Description** - On 2nd September 2024, the Department of Microbiology at K.J. Somaiya College of Science and Commerce hosted its annual departmental fest, MICROSCOPE 24. The



inaugural program was graced by the Vice-Principal, Deans, and Heads of departments from various disciplines. Featuring 11 competitions—7 offline and 4 online—Microscope 2024 offered a broad spectrum of activities designed to promote learning and collaboration.



**Title** - Journal Club Event Topic- Phage Therapy

**Date** - 4th September 2024

**Description** - There were also O2 presentations on Bacterial pigmentation- Viocelin and Red pigments and its various applications, and questions were asked by other UG and PG students. The seminar appears to have provided well-rounded research experience and professional development of the presenters.



**Title** - Offline Refresher Course in Biological Sciences: Theme: Recent trends in Biological Sciences

**Date** - 24th to 6th July 2024

**Description** - Refresher Course in Biological



sciences was organized in collaboration with Department of Botany and UGC Malviya Mission Teacher Training Centre, University of Mumbai. 6 participants from other than Mumbai University participated and 18 participants from various colleges of Mumbai participated. Participants were enlightened with recent advances in biological sciences to improve the teaching skills and various pedagogy tools were taught. Industry visit was also organized.



**Title** - Unveiling the Microscopic World: A Celebration of International Microorganism Day.

**Date** - 21st September 2024

**Description** - On 21st September 2024, the Department of Microbiology hosted an engaging and informative poster exhibition to celebrate International Microorganisms' Day. The event featured the active participation of SYBSc and FYBSc students in the form of poster presentations. The SYBSc students undertook a group project on isolating microorganisms from environmental samples and identifying them using Bergey's Manual. Their posters were based on the results they had obtained after 2 months of research. FYBSc students were introduced to



a wide array of microorganisms, broadening their understanding of microbial diversity. They selected a microorganism whose initials of genus and species matched with their own name and surname. They sourced information from Bergey's Manual, reference

**Title -** “Alzheimer Awareness Walkathon”

**Date -** 23rd September 2024

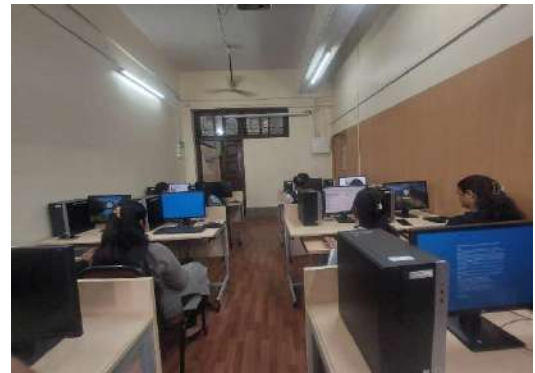
**Description -** “Alzheimer Awareness Walkathon” was organized on 23rd September 2024, at 10 am on the Somaiya Vidyavihar campus in honor of World Alzheimer Day. The aim of the event was to raise awareness of Alzheimer disease and promote its prevention and treatment. The event commenced with a brief introduction about World Alzheimer day. 74 UG students participated in the walkathon. Participants in the walkathon displayed creative and impactful posters that raised awareness about Alzheimer, the universal symbol for Alzheimer Awareness prominently displayed on many posters. Students were voiced motivational and awareness raising slogans, same colour T-shirts of the students created an atmosphere of unity and support.



**Title** - “Strategic Resume Writing: Position Yourself for Success”

**Date** – 21st October 2024

**Description** - The session aimed to help students enhance their resume-writing skills, which are crucial for their professional growth. The workshop began by explaining the fundamental difference between a resume and curriculum vitae. The students were explained about how they should prioritize relevant information and avoid including unnecessary details that could distract or confuse potential employers. She emphasized that a one-size-fits-all approach to resume writing is ineffective in today’s competitive job market and encouraged students to study job descriptions carefully and adjust their resumes to highlight the skills and experiences that align with the position they are applying for.



**Title** - Session on Film review

**Date** - 17th October 2024

**Description** - 'Film review writing: Point to point guide' session was organized on 17 th October 2024 at 8.00 am by the Department of Microbiology as part of study circle activities. Mr Abhijit Deshpande commented on the importance of observation by giving wonderful examples of Ajanta and Ellora caves. He also showed a short film and guided meticulously as to how to write film reviews. Mr. Abhijit Deshpande expounded on narration, presentation, emotions through gestures and interpretation of films. He very well drove home the purpose of a film review- to inform the reader about the film and offer an informed opinion about its various elements. This informative session ended with the concluding remarks by Dr. Lolly Jain, Head, Department of Microbiology.



**Title** - Unwind Yourself

**Date** - 29th October 2024

**Description** - The Department of Microbiology hosted a vibrant Diwali celebration on October 29, 2024, bringing together teaching and non-teaching staff for a day filled with joy, togetherness, and festive cheer. The event provided an opportunity for staff to unwind, bond, and appreciate one another outside of their daily work environment. It successfully strengthened relationships within the department, leaving everyone with cherished memories and a deep sense of unity as they embraced the festive season together.



**Title** - “Career paths in life sciences : From bench to bedside”

**Date** - 14th November 2024

**Description** - The session on “Career paths in life sciences: From bench to bedside” was organized by The Department of Microbiology on 14 th November 2024 at 10 am. The talk emphasized the importance of understanding both foundational science and its applications in real



world challenges. Furthermore Dr. Prerna delved into the different paths from research to development in academia or industry to roles in regulatory affairs, intellectual property and business development. Dr Prerna shared insights on emerging areas such as cellular and tissue engineering, stem cell therapeutics and organoids based technology along with the growing demand for professional skilled in cGMP- compliment processes and technology platforms in healthcare.



**Title** - Rangoli Competition : Microbes for Sustainable future

**Date** - 11th December 2024

**Description** - The Department of Microbiology, in collaboration with the Microbiologist Society, India, successfully organized a Rangoli Competition on 9th December 2024. The Theme for the Rangoli competition was Microbes for a Sustainable Future; aiming to raise awareness about the pivotal role of microbes in achieving sustainability and environmental balance. Thirteen groups of participants (UG and PG) enthusiastically showcased their creativity, combining art with



science. The vibrant rangoli designs depicted various aspects of microbial contributions, including waste management, bioenergy production, soil health improvement, and ecosystem restoration. Dr. Jacinta George, Assistant Professor, Dept of Biotechnology, S. K. Somaiya College, Mumbai served as the judge and critically evaluated the rangoli.



**Title** - Journal Club Event Topic- Neuro microbiology

**Date** - 11th December 2024

**Description** - The topic of this month's event was focused on Neuromicrobiology i.e the study of how microbes interact with the central nervous system (CNS). O3 MSc part I student presented O3 papers related to gut microbiota plays a key role in many health and disease processes especially CNS diseases and its impact in various age groups and also the case study related to it. The seminar provided a comprehensive research experience and contributed to the professional development of the presenters.



**Title** - Visit to Thane Belapur Common Effluent Treatment Plant (CETP)

**Date** - 2nd January 2025

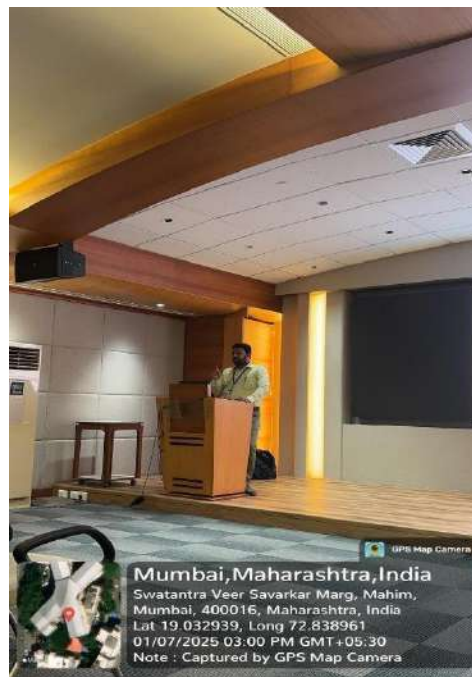
**Description** - With an objective to highlight the importance of experiential learning, an educational visit was organized on 02-01-2025 at 11 am at Thane Belapur CETP, Koparkhairane, Navi Mumbai. The session initiated with a brief introduction to the concept of effluent, its sources and the need to treat, test and further process the effluent. The technical staff at CETP demonstrated the working of Clariflocculator, aeration system, sludge collection, discussed methods for testing and parameters of treated effluent like BOD, COD. 40 students visited the CETP plant.



**Title** - Visit at P.D. Hinduja Hospital for session on  
“Career in healthcare industry”

**Date** - 05th August 2024

**Description** - The Department of Microbiology organized an educational visit for undergraduate students to P.D. Hinduja National Hospital and Medical Research Centre on January 7, 2025, at 1:30 PM. A total of 46 students from F.Y.B.Sc and S.Y.B.Sc accompanied by Dr. Lolly Jain and other faculty members. The session began with an informative presentation by Mr. Prathmesh Amkar and Mr. Pranay Gawade, who covered various aspects of the healthcare industry. Topics included the importance of essential healthcare facilities, trends in the healthcare sector's growth, emerging fields, the need for skilled doctors and technicians, and insights into 11 paramedical courses available at the hospital. They also highlighted the scope of allied health sciences and provided valuable guidance on choosing career options after earning a B.Sc. degree. Students also visited various diagnostic facilities and specialized medical units, including the kidney dialysis unit. The visit offered students a unique opportunity to witness healthcare



technologies and processes firsthand.

**Title** - Industrial Visit at Goa

**Date** – 8<sup>th</sup> February to 12<sup>th</sup> February 2025

**Description** - The Department of Microbiology organized an industrial visit to Goa from 8<sup>th</sup> to 12<sup>th</sup> February 2025. 12 undergraduate (UG) and 12 postgraduate (PG) students participated in the same. The visit aimed to provide an exposure to various industrial and research sectors, bridging the gap between theoretical learning and practical applications. The industrial visit provided students with valuable insights into waste management, agriculture, dairy technology, and marine research. It was an enriching experience that enhanced their practical knowledge while allowing them to explore the vibrant culture of Goa.



**Title** - Gut-Friendly Gourmet

**Date** – 14<sup>th</sup> January 2025

**Description** - The Department of Microbiology, in collaboration with the Microbiologist Society India, organized a vibrant food fest, “Gut-Friendly Gourmet,” on 14<sup>th</sup> January 2025 at



10 a.m. in the Department of Microbiology. The event aimed to promote awareness of gut health and showcase probiotic and nutrient-rich foods. The event was inaugurated by Dr. Lolly Jain, Head of the Department of Microbiology, in the presence of enthusiastic students and faculty. A total of 28 undergraduate and postgraduate students participated and presented an array of gut-friendly dishes. Each dish was accompanied by a visually appealing poster displaying its recipe, nutritional content, and role in enhancing gut health. Participants explained the significance of fermented foods and prebiotics, creating awareness among visitors.



**Title** - Empowering Futures: Career insights For Aspiring Microbiologists.

**Date** - 18th January, 2025

**Description** - On 18th January the Department of Microbiology at K.J. Somaiya College of Science and Commerce organized an enriching career guidance session for both undergraduate and postgraduate students, from 12:00 PM to 1:00 pm focusing on emerging career opportunities in the paramedical field. Dr.



Bharati Chedda, a distinguished guest speaker from SCOPE (Skilling College of Paramedical Education), provided insights into the significance of paramedical education in today's healthcare landscape. She encouraged 53 students to explore these career paths, engaging with them in an interactive Q & A session.



**Title** - Journal Club Event Topic- Plant Microbe Dynamics

**Date** - 25th January 2025

**Description** - The main objective of the event was to guide students in effectively reading and understanding research papers, while also building their skills in presenting skills in front of the audience. This process empowered them to integrate innovative, research-based ideas into their own lives and endeavors. This activity focused on exploring the mechanisms of plant-microbe interactions, their ecological roles, and their potential applications in agriculture, biotechnology, and environmental management. 05 students of MSc part I presented 04 different papers related to an introductory presentation covering the basics of plant-microbe dynamics.



**Title** - Understanding Cancer; World Cancer Day.

**Date** - 04th February 2025

**Description** - The Department of Microbiology organized the above event on the occasion of World Cancer Day on 4th February 2025.

Students of M.Sc. part I were guided to prepare skits on molecular mechanisms of cancer development, progression and the challenges faced in their treatment. The seminar attracted a total of 82 attendees, comprising both teachers and students.

The event was planned and coordinated by Dr. Soniya Shetty and Ms. Tarannoom Khan.



**Title** - Scitrepneurship: Mixing Science with Business.

**Date** - 05th February 2025

**Description** - The session on Scitrepneurship: Mixing Science with Business was organized by the Department of Microbiology on 5th February 2025 at 10.00 am. 101 attendees were present. Dr. Arindam began his address by sharing his professional journey and the



foundational concept behind the establishment of LifeSenz, shedding light on his entrepreneurial path. He outlined the critical workflow of an entrepreneur, emphasizing how scientists with their scientific expertise can successfully transition into entrepreneurship.?

Further, Dr. Arindam expounded on the requisite skill sets necessary to embark on an entrepreneurial venture, providing a comprehensive roadmap to success, while acknowledging the various challenges that one may encounter. The session also featured an in-depth discussion on LifeSenz's pioneering work in cancer research, covering ongoing projects, challenges faced, and the strategic use of in vitro and ex vivo models.



**Title** - Life by Design: Shape Your Image, Shape Your Future

**Date** - 17th February 2025

**Description** - Department of Microbiology with an objective of holistic development of the students organized a session on "Life by Design: Shape Your Image, Shape Your Future". The session began with a brief introduction to the concept of planning, goals and the impact of



various social domains. The resource person discussed the types and levels of dressing at different occasions. The resource person stated the aspects to be considered in communication, basic skills in formal and informal communication, decision making and its role in the progress of life. The session was interactive, and 77 students benefited with an enhanced sense of personality development and communication skills.



**Title** - Journal Club Event Topic- Microfactories

**Date** - 20<sup>th</sup> February 2025

**Description** - The primary objective of the activity was to introduce students to the concept of microfactories, explore their benefits, and discuss their significance in modern industrial processes, particularly in the research field. 04 students of MSc part I presented 04 different papers related to the overview of microfactories, their pathways, and their functionality technological advancements. The session successfully raised awareness about the potential of microfactories in various industries. Participants gained valuable insights into how micro factories can revolutionize production



processes and contribute to the economy.

**Title** - Protecting Innovation: A One-Day Session on Intellectual Property Rights

**Date** - 20th February 2025

**Description** - The Department of Microbiology, in collaboration with the Institution's Innovation Council, organized an insightful session on Intellectual Property Rights (IPR). The session aimed to provide students with a comprehensive understanding of the fundamentals and significance of IPR in the contemporary world. The invited resource person for the session was Mr. Manoj G. Somkuwar, M.Sc., LL.B., LL.M., an expert in Intellectual Property and currently serving as the Assistant Controller of Patents, Designs at the Patent Office, Mumbai. A total of 60 students actively participated in the session,



**Title** - 23rd National Microbiolympiad

**Date** - 08<sup>th</sup> February 2025

**Description** - Three T.Y.B.Sc. Microbiology students (Ms. Sheril Thomas, Ms. Spoorthi Shetty, Mr. Hemant Anusuri) successfully qualified for the final round of the MicrobioQuiz event in



MicrobiOlympiad, held at the Government Institute of Science, Chhatrapati Sambhaji nagar, and secured third place in this prestigious competition. The event brought together talented students from various institutions, testing their knowledge in Microbiology, Biotechnology, and related disciplines.

**Title** - Research Skill Development

**Date** - 17<sup>th</sup> October to 28<sup>th</sup> October 2024

**Description** - The practical sessions conducted over several days aimed to explore microbial and plant growth-enhancing processes through various laboratory tests, field trips, and microbial analysis. The activities involved handling unknown isolates, performing biochemical tests, field observations, and analyzing growth-promoting substances. Below is a comprehensive account of the objectives, methodologies, and observations recorded throughout the program. The series of activities conducted during this program provided hands-on experience in microbial isolation, biochemical tests, and the practical application of biofertilizers.



**Title** - Field Visit to Nareshwadi

**Date** - 28th October 2024

**Description** - The Department of Microbiology at K.J. Somaiya College of Science and Commerce organized an educational field visit for second-year Bachelor of Science (SYBSc) students to Nareshwadi, Dahanu. This visit marked the culmination of a 10-day field project, conducted in collaboration with the Somaiya Institute of Research and Consultancy (SIRAC) and the Nareshwadi Learning Centre. The field visit, which took place on October 28, 2024, was designed to allow students to present the outcomes of their project, engage with the local community, and gain first-hand experience in applying microbiology to real-world challenges, particularly in sustainable agriculture. The visit was completed in 5 segments. 18 students visited Nareshwadi.



**Title** - Inauguration of the revived Biogas plant

**Date** – 23<sup>rd</sup> August 2024

**Description** - The campus biogas plant has been successfully revived by the department. Dr. Sukhendu Ghosh, a retired scientist from the Bhabha Atomic Research Centre, played a crucial role in this achievement. With his extensive experience in working with anaerobic cultures and setting up biogas plants, Dr. Ghosh, along with his team including Mr. Ashok Kharat, dedicated themselves to reconstructing the facility. The biogas plant is now operational, processing inputs (wet waste) from the Suruchi canteen near the Aurobindo building. It generates sufficient gas daily to prepare tea and lunch for 15 to 20 people.



**Title** - Open day - School Connect awareness session

**Date** - 16th December 2024

**Description** - Department of Microbiology welcomed students from 12 schools, which included Vikramgad School and Junior College (Palghar), Bhairavdev Vidyalaya (Panvel), S.K. Pant Walawalkar Vidyalaya, and Girivanasi



Educational Trust Nareshwadi (Dahanu). The event aimed to spark interest in microbiology and its applications. Volunteers discussed antimicrobial susceptibility testing, showcasing methods to evaluate antibiotic effectiveness. Students explored the use of selective media to isolate pathogens and learned the importance of cultivating specific microorganisms. A handprint activity emphasized the critical role of proper handwashing in preventing disease. 200 school children and 13 volunteers participated in the open day.



**Title** - School students' visit

**Date** - 27th March 2025

**Description** - The Department of Chemistry organized a visit for students of two ashram schools in Shahapur to our college laboratories and campus facilities. This event was organized in collaboration with TISS.

As a part of this activity, they also visited the Microbiology department to see and learn from the wall mural on 'Milestones in Microbiology'. The mural, painted by first year students of Microbiology depicts historical events in the field since the 16th century and the



development of Microbiology till date. Few of the significant events were described to these children of class 8 and 9. 40 students enjoyed listening to the history of microbiology and were inquisitive to learn more.



## Botany

**Title** - Paper and cloth bag making workshop

**Date** - 1st August 2024

**Description** - A one-day paper and cloth bag making workshop was organized for TYBSc students on 1st August 2024. Dr. Meena Patankar guided the students to make paper and cloth bags. The workshop aimed to encourage participants to adopt sustainable practices in their daily lives by reducing plastic bags and promote the use of eco friendly alternatives.



**Title** - Field visit to Jijamata Udyan and Ratanshi Byculla

**Date** - 17th August 2024

**Description** - On Saturday, 17th August, 2024 visit to Jijamata Udyan, and Ratanshi Nursery, Byculla was organized for S.Y.B.Sc and T.Y.B.Sc students. Dr. Meena Patankar and Ms. Jayani Nagaria accompanied 26 students for the same. Different garden locations, ornamentals, medicinal plants and cacti plants were shown to them. They could see very old trees like



*Adansonia digitata* with huge tree trunks. Trees were labelled with their Latin and common names. Students noted down these plants. This was followed by a visit to Ratanshi Nursery where students got a glimpse of the Indoor and Outdoor plants.



**Title** - Food Festival- Supercharge your day with superfoods

**Date** - 14th August 2024

**Description** - The theme for the food fest was “Supercharge your day with superfoods”. The objective of this fest was to create awareness about the nutritional benefits of superfoods and incorporate superfoods into their daily meals, for health and wellness. Ragi brownie, millet nankkhatai, Nutmeg shots, Pumpkin appam, Mangalorean soya curry and rice etc as innovative dishes were prepared by the students. Students and many faculty members visited the food stalls and enjoyed the food dishes. 30 students participated in the fest.



**Title** - Workshop on “Research Based Projects”

**Date** – 06th August 2024

**Description** - A workshop on Research Based Projects was conducted for which Dr. Jitendra Pendharkar was invited as a resource person. Students were guided to design the research projects. Dr. Pendharkar ignited the students to plan a SMART target. He guided the students to select the research topic based on curriculum. Students presented their research ideas using PowerPoint presentations after 2 weeks. Students were instructed to include methodology, cost parameters in the project. Innovation and creativity were the basic principles Dr. Pendharkar told to follow while designing the research project.



**Title** - Worlds Tribal Day and Warli Painting workshop

**Date** - 14th August 2024

**Description** - To commemorate International Day of the World's Indigenous Peoples on 9th August 2024 an exhibition of some less familiar vegetables used by tribals and a Warli Painting workshop was organized on 14 th August 2024 in the Department of Botany, 07 students participated in the Warli painting workshop. The students collated the information about the culture and vegetables used by indigenous communities from all over the world and presented it in the form of posters. Students and faculties who visited the exhibition got an opportunity to get an overview of the indigenous people of the world.



**Title** - Workshop on Organic terrace farming

Nurturing Nature – Sustaining the future

**Date** - 4th September 2024

**Description** - The workshop on Natural Terrace Farming was organized by the Department of Botany on 4th September 24, to provide



hands-on experience and theoretical knowledge about sustainable and eco-friendly farming methods. The resource person who herself practices sustainable agriculture gave insights about the importance of terrace farming in combating soil erosion and its role in food security. This was followed by a hands-on session. Practical demonstrations were conducted on-site. Participants also learnt how to use natural pest repellents and organic fertilizers. The workshop included an open session where students discussed their concerns and received guidance from the resource person.



**Title** - Growing your own superfood- A microgreens workshop.

**Date** – 2nd September 2024

**Description** - Department of Botany had organized a workshop on Microgreens on 2nd September 2024 in the botany laboratory. The workshop began with an introduction by Mr. Amit Amemba, who provided an overview of the growing trend of microgreens and their importance in sustainable agriculture and urban gardening. He explained microgreens, highlighting their distinction from sprouts and



baby greens. The nutritional benefits of consuming microgreens were discussed. In the hands-on session, participants were provided with trays, seeds, and growing mediums to plant their own microgreens. The resource person guided them step-by-step through the process of preparing the trays, sowing seeds, and maintaining them for growth.



**Title** - Vruksham-24-25: Forests – One forest endless opportunities.

**Date** - 14th December 2024

**Description-** Intercollegiate Festival

“Vruksham-24-25 celebrated the events such as Botanica battle (Quiz) Phyto hunt (treasure hunt) Totally Glass tastics (glass painting) Forest fusion (food plating event and pre - event digital poster were organized. 65 beneficiaries participated in the fest.



**Title** - Visit to K. F. Bioplants and Vasantdada Sugar Institute

**Date** - 20th January 2025

**Description** - The industry visit for SYBSc, TYBSc and MSc I was organized to K.F. Bioplants and Vasantdada Sugar Institute, Manjri Pune. 41 students were accompanied by 03 teachers. The students got valuable insights into modern agricultural practices and the importance of floriculture in the economy. Followed by a visit to Vasantdada Sugar Institute Biofertilizer division. Dr Swati Nigade and Dr. Kotegiri elaborated on benefits of liquid biofertilizers and sugarcane diseases caused by phytoplasmas, fungi and viruses and their control measures. Dr. Dalvi elaborated on the high yielding sugarcane varieties developed by the institute which get better acclimatized in the field as compared to other varieties.



**Title** - Visit to Bhau Sule Arkshala -2025

**Date** - 18th February 2025

**Description** - A one day visit to Bhau Sule Arkshala was organized for the students of SYBSc. It provided a deeper understanding of large-scale production of Ayurvedic medicines while maintaining traditional principles. Students gained practical knowledge of the production process, from sourcing raw materials to the final product. The exposure to tablet manufacturing, hair lotion processing, and quality control laboratory enhanced their understanding of Ayurvedic pharmaceutical techniques.



**Title** - Visit to Friends of Trees Exhibition,  
Ruparel college

**Date** - 8th February 2025

**Description** - The visit for FYBSc Botany students was organized at Friends of Trees Exhibition, Ruparel college, Matunga on 8<sup>th</sup> February 2025. 31 students were accompanied by 2 faculty members. The visit to the exhibition was an educational and enriching experience for the



students. During the visit, students observed a wide display of flowers, fruits and vegetables including native, hybrid and exotic varieties.



**Title** - Plants, Flowers and Medicinal Plants Show-2024

**Date** - 15th and 16th February 2025

**Description** - The Department of Botany had participated in the exhibition, Plants, Flowers and Medicinal Plants Show-2023 organized by N ward of BMC on 15<sup>th</sup> and 16<sup>th</sup> February 2025. Potted air purifying indoor plants and medicinal plants along with their information were displayed in the exhibition. Student volunteers interacted with visitors of different age groups and encouraged them to grow plants and also to propagate and maintain them at their home. People from NGO's and other organizations also visited the exhibition. 85 beneficiaries visited the exhibition.



**Title** - High Tech Protected Growing and Horticulture Technologies.

**Date** - 17<sup>th</sup> February 2025

**Description** - Department of Life Science, Somaiya Vidyavihar University and Department of Botany, KJSSC organized a One Day Workshop on “High Tech Protected Growing and Horticulture Technologies” 107 students and faculties participated in the workshop. Dr. Anil Patil, Technical and Financial consultant-Horticulture. Bangalore and Mr. Rajendra Kumar, Marketing In-Charge, South & East Asia, Cravo Technologies, Ontario, Canada were the resource persons for the workshop. They gave insights into Project Viability, funding, and suitable crops, and also discussed the potential for starting a high-tech agriculture school.



## Biochemistry

**Title** - Mind healing techniques

**Date** - 24th September 2024

**Description** - In the current age of competition, most of the people are facing stress issues. Some measures need to be taken to tackle this issue. Speaker explained various mental healing techniques and elaborated on the changes needed to tackle stress. She talked about positive affirmations, music therapy, goal setting etc. 61 beneficiaries participated in the event.



**Title** - Massage Therapy

**Date** - 26th of September 2024

**Description** - In this webinar Information on different types of massage and its importance was explained properly. Healing properties of different massage techniques was explained properly. Overall the session was very useful for the students and teachers. 40 beneficiaries attended this session.



**Title** - Yoga and Meditation

**Date** - 20th September 2024

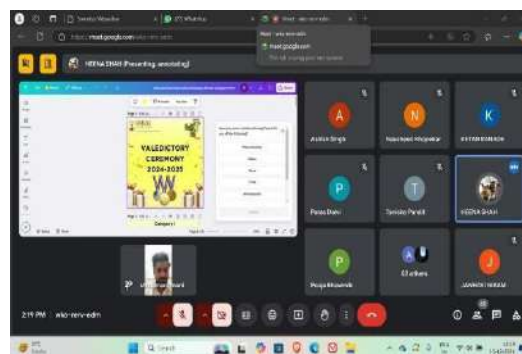
**Description** - The primary goal of the workshop was to introduce the participants to the fundamentals of yoga and meditation and help them incorporate these practices into their daily lives. The first segment focused on yoga, where Ms. Rita Dhame demonstrated various asanas and emphasized their benefits in improving flexibility, posture, and strength. Participants actively engaged in practicing these poses under her guidance. The second segment centered on meditation techniques, including mindfulness. Overall, the workshop was an enlightening experience, inspiring 18 attendees to embrace a more balanced and mindful way of living.



**Title** - Health Fair 2024-2025

**Date** - 13<sup>th</sup> December 2024

**Description** - On 13<sup>th</sup> December 2024, the Department of Biochemistry of K J Somaiya college organized an event called Health Fair. This event aimed at the interaction amongst the students (schools and colleges) and common public to spread health and nutritional



awareness amongst the masses, especially amongst the youth.

On this occasion, the following events were organized –

- Poster competition (UG and PG)
- Logo designing
- Nutritional Bawarchee
- Biojingle
- Healthy bytes



**Title** - Nutritional Awareness

**Date** - 1<sup>st</sup> December to 17<sup>th</sup> December 2024

**Description** - A nutritional awareness program was conducted to educate individuals about their dietary habits and the impact of commonly consumed food items on health.

Students visited various households and explained to people about correct nutrition. Consumers were encouraged to be mindful of their dietary needs. Students generated awareness about the following things- Ice cream and frozen desserts, importance of dietary protein, rising consumption of sodium-rich ready-to-eat snacks and farsaan, Refined wheat consumption and Consumption pattern of



cocoa-rich chocolates. 47 students participated in the awareness programme.

**Title** - Nukkad Natak

**Date** - 16th December 2024

**Description** - The Department of Biochemistry organized a Nukkad Natak to raise awareness about the ingredients added and labelled on packaged foods that we consume daily. The event aimed to educate the audience about the importance of reading food labels and understanding the impact of various additives, preservatives, and hidden chemicals on health. The audience, comprising students, faculty, and visitors, responded enthusiastically, appreciating the creative yet informative approach of the performance. The interactive conclusion encouraged spectators to ask questions, discuss their concerns, and pledge to make healthier food choices.



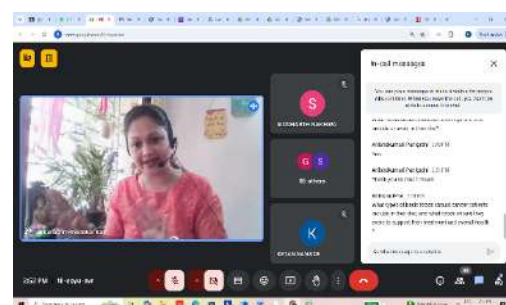
**Title - Swasthya Mahotsav 2024**

- 1] Nutrition for Internal Well-being
- 2] Bite into better dental health

**Date - 11th December 2024.**

**Description -** A seminar on 'Nutrition for Internal Well-being' was conducted by renowned dietitian Dr. Dhanashri Khedekar Kale as part of the Swasthya Mahotsav. The session focused on the importance of balanced nutrition in maintaining overall health and preventing lifestyle diseases. As part of the Swasthya Mahotsav, a seminar on 'Bite into Better Dental Health' was conducted by Dr. Arpit Siroya, a renowned dental expert. The session focused on the significance of oral hygiene in maintaining overall health and preventing dental issues such as cavities, gum diseases, and

bad breath. The seminar provided valuable insights into maintaining strong and healthy teeth for a lifetime. Dr. Siroya concluded with a key message: A healthy smile starts with good oral habits, making dental care an essential part of daily wellness. 87 participants were benefitted by the Mahotsav.



**Title** - National Science Day 2025

**Date** - 28<sup>th</sup> February 2025

**Description** - The Department of Biochemistry on the occasion of National Science Day 2025 organized a series of insightful poster presentations for F.Y.B.Sc. and S.Y.B.Sc. students under the guidance of Dr.Samidha Pawaskar, Head, Department of Biochemistry highlighting consumer preferences and consumption patterns related to various food products. F.Y.B.Sc. and S.Y.B.Sc. Biochemistry students presented their posters in six groups. These presentations successfully shed light on current consumption patterns, encouraging discussions on healthier dietary habits for overall well-being.



**Title** - Career opportunities in Biochemistry

**Date** - 07th August 2024

**Description** - Dr. Prabhu provided insights into diverse career paths, including academic research, clinical laboratories, biotechnology, and pharmaceuticals. She also discussed emerging fields such as bioinformatics, molecular biology, and synthetic biology. She emphasized the importance of laboratory skills,





analytical thinking, and interdisciplinary knowledge for career success. A session on job market trends and employment strategies offered valuable tips on resume writing, interviews, and networking. The event concluded with a Q & A session, where 43 students received personalized career guidance.



## Statistics

**Title** - E-waste collection

**Date** - 12th to 14th September, 2024

**Description**-The initiative was part of the Environmental Science (EVS) activities by T.Y.B.Sc. Statistics students conducted door-to-door collections in various departments of the college to raise awareness about the importance of recycling electronic waste. Under the theme “Recycle Today for a Greener Tomorrow.” This initiative was inspired and encouraged by EVS convener, Dr Rucha Naik and head of statistics department, Mr. Prashant Shah. The E-Waste Collection Drive saw enthusiastic participation from both students and faculty, resulting in the collection of 13.62 kilograms of e-waste. The collected e-waste was handed over to the green club of the college and further they passed on to the Threco Recycling LLP for safe disposal and eco-friendly recycling. 16 Students were the beneficiaries.

### E-WASTE COLLECTION DRIVE (EVS ACTIVITY)

T.Y.B.Sc. Statistics 2024-25



**Title** - National Statistics Day

**Date** - 29<sup>th</sup> June 2024

**Description** - Department celebrated 'National Statistics Day' on the occasion of the 131<sup>th</sup> Birth Anniversary of Prasanta Chandra Mahalanobis. Prof. Ajay Vasudeo Saraf, Lecturer and Professional consultant for Statistical analysis gave a speech on how statistics has been rising with increasing demand and problem-solving needs in this modern world explaining to students how they can choose statistics as a professional career. 31 UG Students and 04 Teachers were the beneficiaries.



**Title** - Demography and Career opportunities in Public Health

**Date** - 17<sup>th</sup> August, 2024

**Description** - Guest Lecture by Dr. Rahul Bawankule (Assistant Professor, D.Y. Patil (Deemed to be University)) explained in depth by giving a timeline about formation of various statistical institutions in India in pre and post-Independence era. Later he briefed us about various statistical institutions in our



country. He stressed on the point that Demography doesn't only study the current population but also predict and factors how population change can be influenced by respective domains, by explaining its application on Public Health, Policy and Planning, Economic development, Urbanisation and Housing, Education, Migration Studies , Marketing and Business, Political representation etc. 56 UG Students and 05 Teachers were the beneficiaries.

**Title** - Growing Your Own Superfood - A Microgreen Workshop

**Date** - 2nd September 2024

**Description** - Mr. Amit Amembal, Multifaceted professional, Breathing Roots Pvt. Ltd., Mumbai explained the basics of botany life followed by the process of growing microgreens that included Seed selection and preparation, Soil composition and preparation, sowing and irrigation techniques, providing optimal light and temperature conditions and handling methods. He also shared innovative ideas for incorporating microgreens into our daily lives, such as: Adding microgreens to salads, sandwiches, and smoothies, using microgreens as



garnishes for various dishes and exploring entrepreneurial opportunities in microgreen cultivation. 17 Students were the beneficiaries.

**Title** - Sankhyashastra 2024-25

**Date** - 4th December, 2024

**Description** - One of the key highlights of the fest was the guest lecture by Mr. Pravesh Tiwari, Chief Manager – Data Scientist, Mahindra Finance, Mumbai renowned expert in data science. The speaker delivered an insightful talk on the applications of statistics in data science, emphasizing its role in predictive modeling, machine learning, and big data analysis. The lecture offered students a glimpse into how statistics drives decision-making in industries and prepared them to harness the power of statistical tools in the era of data-driven innovation. The fest also featured a series of exciting activities and competitions. Students enthusiastically participated in events like Stat-Fiesta, The Silent Murder, Stat Attack, Melody-Stats Challenge, and Statchamp Showdown, which tested their analytical skills and creativity. 110 Students and 05 Teachers



were the beneficiaries.

**Title**-Walkathon

**Date** – 30<sup>th</sup> August, 2024

**Description** - Department of Statistics organized a walkathon on 30<sup>th</sup> of August 2024. Students participated enthusiastically, attempting to complete 10,000 steps while holding placards with inspiring messages to encourage other students in the campus to embrace walking as a healthy, sustainable habit and an environmentally friendly way of commuting. The walkathon aimed to promote not only physical fitness but also environmental awareness. Participants enjoyed the serene environment of the campus, which is home to a wide variety of plant species. The event highlighted the importance of integrating nature with daily routines to promote both physical and mental well-being. 17 Students and 05 teachers were the beneficiaries.



## Zoology

**Title** - World Mangrove Day Celebration

**Date** - 26<sup>th</sup> July, 2024

**Description** - World Mangrove Day, a day-long event featured 40 participants and 100 visitors. The activity included an exhibition of sustainable models and posters on mangrove ecosystems, highlighting their adaptations, importance, and conservation. Postgraduate students delivered talks on mangrove ecology, flora, and fauna, followed by a seminar on marine diversity by alumnus Mr. Siddharth Waradkar, focusing on marine fauna and coastal habitats.



**Title** - Inauguration of the Zoology Club for 2024-25

**Date** - 1<sup>st</sup> August 2024

**Description** - The Zoology Club inauguration was highlighted by an engaging presentation on zoology and conservation by Mr. Nishant Umralkar, a Young Scientist at the Fishery Survey of India, Mumbai. He provided valuable insights into marine mammals, captivating an enthusiastic audience of students and faculty



alike. The event, attended by 106 beneficiaries from both UG and PG classes, marked the beginning of exciting, student-driven initiatives aimed at fostering learning and collaboration.

**Title** - Visit to Central Institute of Fisheries Education, Versova, Mumbai

**Date** - 2<sup>nd</sup> August 2024

**Description** - This institute visit was conducted for PG students as a part of their curriculum. Students explored various laboratories, gaining insights into fish nutrition, health management, genetics, aquaculture techniques, and the preservation of aquatic specimens. The visit also included a tour of the institute's museum and central library, providing a comprehensive learning experience in fisheries science. Total 16 students were benefitted.



**Title** – Millet Mania: Cooking Competition

**Date** – 14th August 2024

**Description** – This activity aimed to raise awareness about the nutritional benefits of millets. All 40 T.Y.B.Sc. students participated, showcasing recipes primarily made with millets. The event offered a glimpse into how millets can be used to create delicious dishes, promoting healthier choices for a better lifestyle.



**Title** – Museum Open Day

**Date** – 22nd August, 2024

**Description** - Museum Open Day was organized by the T.Y.B.Sc. students under the zoology Club to showcase and provide information about various animal specimens. Students were divided into groups, with each group assigned a specific category such as reptiles, insects, or marine animals. The specimens were displayed in the laboratory, where students explained their characteristics and significance to the visitors. The event saw enthusiastic participation, fostering knowledge about specimen



identification and understanding their diversity.

**Title** - Field trip to Saguna Baug, Neral

**Date** - 23<sup>rd</sup> August 2024

**Description** - As part of the newly introduced VSC course under NEP, a one day field trip was organized to Saguna Farm, Neral. The students observed bee keeping, medicinal plants, essential oils extraction, aviary, pearl oyster culturing, types of nets used in fishery, live catch of carps, rohu, piranhas etc. Number of beneficiaries for this visit was 27 UG and 5 PG students.



**Title** - Visit to FSI (Fishery Survey of India), Colaba, Mumbai and Survey vessel Matsya Vrushti

**Date** - 28<sup>th</sup> November 2024

**Description** - This visit was organized as part of the TYBSc and MSc curriculum. Fifty students, accompanied by four faculty members, began their tour with a visit to Bhaucha Dhakka, a fish landing center, where they observed various cartilaginous and bony fishes, as well as crustaceans. They then explored the Survey



vessel Matsya Vrushti, learning about its operations and fishing methods. At the FSI museum, students engaged with experts who shared insights on current research and career opportunities in fisheries. The visit provided valuable exposure to the operations and research in inland, marine, and coastal fisheries.

**Title** – Annual Department Fest - Zorilla

**Date** – 3rd January, 2025

**Description** - The intercollegiate zoology fest, Zorilla, featured a total of 200 participants and 35 volunteers. The fest included seven exciting events: Fauna Race, Housie, Quiz, Treasure Hunt, Photography, Forage Safari, and Paws for Applause. A special exhibit showcased innovative bioengineering models, highlighting creativity and scientific exploration. Volunteers actively engaged in additional activities such as a flash mob, a theme reveal session, and team-building games, adding energy and camaraderie to the event.



**Title** – Excursion to Uttarakhand

**Date** – 9<sup>th</sup> January to 15<sup>th</sup> January 2025

**Description** - An excursion to Dehradun was organized for TYBSc and MSc students, with 29 participants accompanied by three teaching staff members. The trip included visits to esteemed institutions such as the Wildlife Institute of India (WII), Zoological Survey of India (ZSI), and Forest Research Institute (FRI). Students also explored the Benog Wildlife Sanctuary and Rajaji National Park, gaining valuable exposure to wildlife conservation, research, and forest management.




**Title** – Campus Trail

**Date** – 2nd August 2024

**Description** - On 2nd August, 2024 a campus trail was conducted for students T.Y BSc and S.Y.BSc students at 8:00 am in Somaiya Vidyavihar Campus. The trail was organised in order to learn more about insects, their morphology, classification, etc. Places in the campus like the Biodiversity Garden, Nakshatra garden, etc had a major diversity of insects.



<p>Various butterflies like Tailed Jay, Blue Jay, Tiger butterflies, etc were spotted. Along with them many caterpillars of butterflies and moths were also spotted. Grasshoppers, beetles, Cocoons of butterflies and moths and many other things made the trail more interesting.</p>	
<p><b>Title</b> – Annual alumni Meet</p> <p><b>Date</b> – 10th August 2024</p> <p><b>Description</b> - The annual alumni meet was organised with several fun events and fun games. Several activities were organized to engage the attendees, including: Networking Session: Alumni reconnected with their peers and faculty members. A unique fauna themed ‘Housie’ game was played which featured animals instead of numbers. Cultural Performances: A beautiful poem was sung by our student Mr. Shubham Singh. The Alumni Meet 2025 proved to be a memorable event that strengthened the bond between the institution and its alumni</p>	
<p><b>Title</b> – Movie Screening</p> <p><b>Date</b> – 22nd November 2024</p>	

**Description-** a movie screening was conducted in the Seminar Hall. To create awareness about the natural wonders of the wildlife. All the students from various departments joined the movie screening along with faculty. The whole seminar hall was full of enthusiastic audience. Also the movie focused on showcasing various wonders of wildlife and the fun event was successfully organised.

**Title** – A talk on Magical Mangroves

**Date** – 10<sup>th</sup> February 2025

**Description** - The talk on "Magical Mangroves" explored the importance of these coastal ecosystems. The session began by examining the adaptations of mangroves, highlighting their unique physiological and structural features that allow them to thrive in harsh intertidal zones. Furthermore, the economic significance of mangroves was addressed, emphasizing their crucial role in the coastal ecology. The session aimed to raise awareness about the increasing threats to mangrove ecosystems, including pollution, habitat destruction, and climate change, and stressed the urgent need for conservation and sustainable management



practices. 58 students and 10 staff members attended this session. The resource person for the talk were Mr. Hemant Karkhanis: Entomologist, conservationist, Associate Manager Godrej Mangroves, Ms. Shambhavi Chavan: Masters' student in wildlife, Mangrove ambassador of WWF-India and Godrej

**Title** – Marine walk on Juhu beach

**Date** – 10<sup>th</sup> February 2025

**Description** - The aim behind this visit was to observe intertidal benthic fauna and to inculcate field observation skills and learning through it. Students observed a variety of mollusc shells and some crustaceans. They also learned to use quadrat for benthic sampling and population studies. This visit was accompanied by Dr. Kanika Pahwa and Mr. Ram Salvi. A total of 11 students participated in the visit, 12 students from part I and 1 student from part II voluntarily participated.



## Geology

**Title-** Guidance on upcoming IIT(JAM) exam  
2025

**Date** – Ongoing since July 2024

**Description** – Mr Nawaz Khan, from Department of Earth Science, IIT-Bombay, is conducting JAM sessions in preparation for the IIT-JAM entrance exam for Geology students. The guest lecture was to guide the present TY B.Sc. Geology students for the upcoming JAM exam.



**Title-** A talk on "Integrating Multiple Proxies in Event Stratigraphy: A Holistic Approach with Micropaleontology." By Mr Subham Patra

**Date** – 22nd August, 2024

**Description** – The talk was focused on recognizing the importance of multi-proxy approach in event stratigraphy problems. In a broader sense, understanding the necessity of application of multiple-proxy in modern day research problems. It was attended by 36 students.



**Title-** Mine Visit

**Date** - 29<sup>th</sup> to 30<sup>th</sup> August, 2024

**Description** - The Department of Geology, organized a mine visit for TY BSc and SY BSc students to Zawar Mines, Hindustan Zinc Limited, Udaipur, Total 20 students participated in the field visit



**Title-** Geology Museum Visit

**Date** - 6th September 2024

**Description** - The session was in 3 batches of grade 4 students. The lecture included the types of rocks, how different rocks vary from each other, the significance properties to identify each rock and the time it takes for formation. The lecture also included the weathering process to explain the formation of soil from rocks. different types of weathering were explained in a simplified manner. Another factor that was explained in the lecture with respect to soil formation was time. Also, the lecture included different soil types, its uses and where it can be found in India. Finally, the lecture

concluded with a question-and-answer session and a visit to the geology museum.

**Title-** Swachhata Pakhwada

**Date** - 02 September 2024 to 06 september 2024

**Description** - Swachhata Pakhwada is a nationwide initiative in India that promotes cleanliness, hygiene, and sanitation. This special drive, organized by various government institutions, organizations, and communities, aims to encourage public participation in building healthier environments. Through awareness programs and workshops, particularly in schools and colleges, the initiative educates students about the importance of cleanliness and sustainable practices. At K J Somaiya College of Science and Commerce, the Department of Geology enthusiastically embraced this mission by organizing a vibrant and impactful Swachhata Pakhwada event. Spanning five days, from 2nd September to 7th September 2024, the event was filled with activities designed to foster a sense of responsibility towards cleanliness and environmental awareness. Students actively participated in a range of activities, including



quizzes, extempore competitions, and creative events such as digital poster making and bottle painting, with the theme of transforming waste into art.

**Title-** Samuhik Vachan Diwas

**Date** - 1 January, 2024

**Description** - 6 Students of BSc and MSc along with the 1 faculty visited the library of the college. They observed all the books of geology and related earth science books present in the library. Students and the faculty discussed the various geology books. They also read books in the library.



**Title - ONYX**

**Date - 7<sup>th</sup> January 2025**

**Description -** The Geology Department successfully organized its annual fest, **ONYX**, which was a grand celebration of Earth sciences, creativity, and talent. The event witnessed enthusiastic participation from around 30-40 students, who engaged in a series of exciting competitions and cultural performances. The fest featured various engaging events, including: Crack the Crust, Tectonic Tiles, Debate, A Path Across Terra Trace, Cultural Event. The event fostered learning, collaboration, and enthusiasm among students, creating an engaging and enriching experience.



**Title - Carbon Capture Utilization and Storage**

**Date - 8<sup>th</sup> January 2025**

**Description -** The Carbon Capture, Utilization, and Storage (CCUS) seminar was organized to address the growing concerns over carbon emissions and climate change and to discuss innovative solutions for reducing carbon footprints and promoting sustainable



development. It was conducted by Mr Rajiv Srivastava (Retd. General manager), Ms Tanushree Das (Ex Sr. Geoscientist, Reliance Industries Ltd), Mr Shubham Kumar PMRF IITB-Monash Research Academic and Mr Upendra Soni PMRF IITB. Key Discussions were - Understanding CCUS Technologies, Storage and Safety Considerations, Carbon Utilization Innovations.

**Title** - The Role of GIS and AI in self-driving cars

**Date** - 7<sup>th</sup> January 2025

**Description** - Mr Kaiwan Elavia, Senior Spatial Data Specialist, HERE Technologies conducted this seminar. The Seminar focused on the goals of Geographic Information Systems and Artificial Intelligence in autonomous vehicles. GIS provides context for sensor data, such as determining the location and type of train. Cars and road signs.



**Title:** Field Visit in and around Bhuj, Kachchh

**Date:** 17<sup>th</sup> December to 21<sup>st</sup> December 2024

**Description** - The primary objective of this field visit to Kachchh is to gain a comprehensive understanding of its geological framework through direct observations and data collection. This included studying the stratigraphy, lithology, and structural features of the region. The visit aimed to examine key geological formations such as the Mesozoic sedimentary sequences, Deccan Traps, and Tertiary deposits, as well as to analyze geomorphological features along the coastline. The fieldwork provided practical exposure to geological processes and contributed to developing skills in field mapping, sample collection, and interpretation of geological history.



**Title** - Museum visit to Crystal Cave India at PUNE.

**Date** - 3<sup>rd</sup> March 2025

**Description** - A visit was conducted for FY students as a part of their field visit for the year. There were a total of 19 people on the trip



including 15 students from FY, 2 students from MSc and 2 faculty members. The visit was aimed at exploring the museum's extensive collection of minerals, gemstones, and geological artifacts and to enhance our understanding of mineralogy and the geological processes behind the formation of these natural wonders.

**Title** – Earth Day

**Date** – 22<sup>nd</sup> April 2025

**Description** - The Earth Day event was designed with the intention of not only educating but also inspiring action among the non-teaching staff. The Participants gained a better understanding of environmental issues and the importance of sustainability through themed games and activities. Staff members were encouraged to adopt more eco-friendly habits, such as using reusable tea cups instead of disposable ones. The interactive nature of the activities fosters teamwork, collaboration, and a sense of community among the non-teaching staff. By awarding saplings, the event motivated participants to take part in tree planting and





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nurturing, promoting long-term environmental care.	
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## Chemistry

**Title** - Opportunities and Avenues in green and sustainable chemistry”

**Date** – 22<sup>nd</sup> June 2024

**Description** - Seminar on “Principles of Green Chemistry” for UG and PG students was organized. Mr. Nitesh H. Mehta, Co-founder and Director of Newreka Green Synth Technologies discussed various case studies related to 12 principles of green chemistry. 104 Students and 15 Faculties attended the event.



**Title** - Principles of Green Chemistry

**Date** – 28<sup>th</sup> June 2024

**Description** - The Seminar on “Principles of Green Chemistry Session II” for UG and PG students was organized by the Department of Chemistry. Mr. Nitesh H. Mehta, Co-founder and Director of Newreka GreenSynth Technologies discussed the conversion of nitro group into amino group by conventional method and compares it with the one which is designed by Newreka Green Synth Technologies. 55 Students and 8 Faculties attended the event.



**Title** - Mastering Softskills: The Key to Professional and Personal Success

**Date** - 16 July 2024

**Description** - The Career Guidance and Placement Cell, in collaboration with the Departments of Chemistry and Commerce, organized a seminar titled "Mastering Soft Skills. Dr. Priyanka Mathur Dhingra, Founder & Mentor of [www.marketing360.in](http://www.marketing360.in) discussed the critical role of soft skills such as communication, emotional intelligence, teamwork, leadership, and adaptability. 80 participants attended the event.



**Title** - Chemistry for 21<sup>st</sup> Century: Innovations, Impact and Challenges

**Date** - 20<sup>th</sup> August 2024

**Description** - The event was organized titled "Mastering Soft Skills. Prof. A. K Tyagi, Distinguished Scientist (DS), DAE Director, Chemistry Group Director, Bioscience Group Bhabha Atomic Research Centre Trombay, Mumbai, India Senior Professor (Chemistry) Homi Bhabha National Institute, Mumbai, India



discussed how chemistry may mitigate climate change by lowering carbon footprints, considering hydrogen as a fuel for the future, storing energy for effective supply, and nuclear energy as the most important role. 109 participants attended the event.

**Title** - Effective Resume Writing

**Date** - 19th December 2024

**Description** - The event was organized titled "Mastering Soft Skills. Dr. Anupma Harshal Wadavlikar, Woman in STEM, Foldscope Mentor, LGP Ashoka University, Consultant, Kotak Education Foundation.in conducted her session starting with explaining what a resume is, steps to make a good resume. 53 participants attended the event.



**Title** - Exploring Smart Cities

**Date** - 11th December 2024

**Description** - The event was organized titled "Mastering Soft Skills. Prof. Dan Hill, Distinguished expert, School of Design, The University of Melbourne presented his work



which has been instrumental in shaping how cities can leverage innovation to become more intelligent, responsive and sustainable. 60 participants attended the event.

**Title** - Career and research opportunities in chemical sciences

**Date** - 28<sup>th</sup> November 2024

**Description** - The event was organized titled "Mastering Soft Skills. Dr. Tabrez Khan, Associate Professor, School of Basic Sciences, IIT Bhubaneswar led the lecture in an engaging manner by showcasing a wide horizon of career opportunities awaiting them in the field of Chemistry. 83 participants attended the event.



**Title** - CAS SciFinder

**Date** - October 28<sup>th</sup>, 2024

**Description** - The workshop on the use of CAS SciFinder was organized by the Department of Chemistry to provide participants with comprehensive knowledge of the SciFinder tool. SciFinder, a product of Chemical Abstracts Service (CAS), is a powerful research discovery



tool that allows users to access a vast database of chemical substances, reactions, references, and other scientific information. Around 50 students and 15 faculties were benefited.



**Title** - Industrial Visit to Envirocare lab, Thane West

**Date** - October 28<sup>th</sup>, 2024

**Description** - The SYBSc Chemistry students with Environmental Monitoring (VSC) as a major subject visited Envirocare Labs, Thane, on October 28, 2024. The visit aimed to provide practical insights into environmental monitoring and food testing, bridging the gap between academic studies and industrial applications. 22 students and 1 faculty visited the laboratory.



**Title** - Chemistry Alumni Networking Meet

**Date** - 29<sup>th</sup> March 2025

**Description** - The Chemistry Alumni networking meet was organised by the Department of Chemistry in the college seminar hall, with 53 alumni attending in person. The objective of a Chemistry Alumni Networking initiative is to foster professional and academic connections among past students of the chemistry department.





**Title** - SYBSc Field project - Rural Immersion Program

**Date** - 6th to 8th February 2025 and 1st to 3rd March 2025

**Description** - The Field Project by Tata Institute of Social Science (TISS) under 'Pragati Prakalp', designed in association with the Department of Chemistry to provide our students with hands-on experiences in real-world social settings. It helps our students to understand various aspects of rural life and sensitize them to



<p>life skills in such environments.15 students and 5 faculties visited the village.</p>	
<p><b>Title</b> - Industrial Visit To Chandigarh</p> <p><b>Date</b> : 16<sup>th</sup> Nov 2024 to 23<sup>rd</sup> Nov 2024</p> <p><b>Description</b> – First industry for the visit was organized by Department of Chemistry to Amulya herbs at Chandigarh wherein at start the students were briefed about the entire process of herbal products manufacturing right from research, clinical trials and production. One of the key highlights of the visit was the tour of the Zirakhpur and Brahmaganga Hydroelectric Power Station. It has a total capacity of 5 MW. 37 students and 2 faculties were involved in the visit.</p>	
<p><b>Title</b> - BARC Visit</p> <p><b>Date</b> – 4th December, 2024</p> <p><b>Description</b> – Department of Chemistry organized industrial visit to witness and learn about advanced scientific and technological developments in the field of nuclear research. The visit to BARC proved to be an enriching</p>	

experience for the TY Chemistry students, providing them with practical insights into the applications of nuclear science and technology. It enhanced their understanding of advanced research and inspired many to explore opportunities in the field of nuclear chemistry and related domains. 45 students visited the BARC.

**Title** - Workshop on Fire Safety for Non Teaching Staff

**Date** - 7 March, 2025

**Description** - Department of Chemistry organized a workshop on fire safety for non teaching staff to train the non-teaching staff in use of fire extinguishers in case of fire emergency. Mr. Rahul More explained the different types of fires occurring in the college laboratories. Mr. Mahesh Kamble demonstrated the use of CO<sub>2</sub> and dry powder fire extinguishers to extinguish fire caused due to flammability. He stressed that the electricity supply should be always disconnected in case of any fire emergency. More than 60 students benefited.



**Title** - Mental Health Literacy

**Date** - 15<sup>th</sup> October 2024

**Description** - Session on 'Mental Health Literacy for Teaching and Non-Teaching staff' was organized by the Department of Chemistry. Mrs. Kushbu Gadiya started the session by explaining "Why one should prioritize his or her mental health". Various games were played like Chinese whisper etc. and linked those games by giving solutions to dealing with mental stress. 20 faculties were benefited by the workshop.



**Title** - Discover the Science behind Beauty :  
Cosmetic Chemistry Exhibition

**Date** - 15<sup>th</sup> October 2024

**Description** - Department of Chemistry organized a workshop for TYBSc students to discover the Science behind beauty, a cosmetic chemistry exhibition under the guidance of Ms. Unnati Maru. The exhibition aimed to showcase the intersection of science and beauty, where students presented their innovative projects and research in the field of cosmetic chemistry. More than 50 students presented and more



<p>than 30 faculties visited the workshop.</p>	
<p><b>Title</b> - Making Eco-friendly colours</p> <p><b>Date</b> - 12th February 2025</p> <p><b>Description</b> - Workshop on “Making Eco-friendly colours” was organized by the department of chemistry in collaboration with the Environment Awareness committee and Paryavaran Dakshata Madal. Ms. Pournima Shirgaonkar from Paryavaran Dakshata Madal explained that making eco-friendly Holi colors is important because they are safe for skin and health, environmentally friendly, and support sustainable practices, unlike traditional colors which can contain harmful chemicals and pollutants. 85 SYBSc Chemistry students participated in the event.</p>	
<p><b>Title</b> - Educational Exposure Visit for Shirole Ashram School</p> <p><b>Date</b> - 12th February 2025</p> <p><b>Description</b> - Educational Exposure Visit for Shirole Ashram School Students, Aghai Village, was conducted. The Department of Chemistry,</p>	



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Geology, Microbiology and Botany were involved in the program. 48 students, 4 faculties of school and 1 representative from TISS visited KJSSC.



## Mathematics

**Title** -International Women in Mathematics  
Day- A Series of Lectures

**Date** - 15th June 2024

**Description-** The Department of Mathematics, K. J. Somaiya College of Science and Commerce organized “ International Women in Mathematics Day- A Series of Lectures” on 15th June, 2024. The lecture series was organized to celebrate the birth anniversary of Maryam Mirzakhani, the first woman to win the prestigious Fields Medal. It was held for second and third-year B.Sc. students. Prof. P. Ramadevi talked about Knot Theory and its real-life applications, while Dr. Rekha Santhanam discussed Algebraic Topology and its applications. Both speakers also shared their personal research experiences. They answered all the participants' questions. The participants' feedback shows that the lecture series was successful, with many requesting more such events in the future. No of Beneficiaries-19.



**Title** - $\pi$ - Approximation Day Celebration

**Date** - 22nd July 2024

**Description-**

- 1) A talk on 'A Tryst with Pi'
- 2) PPT Presentation

The Department of Mathematics, K. J. Somaiya College of Science and Commerce organized “ $\pi$  Approximation Day Celebration” on 22nd July, 2024. On the Occasion of  $\pi$  Approximation Day celebration, Guest speaker Prithwjit De was invited, who gave an insightful talk titled “Tryst with Pi.” He covered the origins of  $\pi$  and provided proofs demonstrating that  $\pi$  is both irrational and transcendental. His presentation was engaging, leaving the audience with a deeper understanding of this mathematical constant. The event also had a series of presentations by school students, as well as junior and senior college students. Their dedication to the topic of  $\pi$  was evident in their work. One particularly memorable moment was when a young girl recited 50 digits of  $\pi$  from memory, showcasing her impressive memorization skills. Among various student





presentations, a standout was given by a junior college girl, titled “(Pi)rates of the Caribbean.” She took us on a journey through the history of Pi, exploring how different cultures and countries have contributed to our understanding of this mathematical constant over the centuries. Her presentation was both educational and entertaining, making it a highlight of the day.

In addition to the talks and presentations, we played a small quiz that tested our knowledge of Pi’s historical significance, its irrationality, and its transcendental nature. The quiz was fun and interactive. Overall, Pi Approximation Day was a great success. The combination of expert insights, student contributions, and interactive activities made for an enriching experience. We left with a deeper understanding of Pi and a love for mathematics. The dedication and creativity displayed by all participants were truly inspiring, making this event a memorable celebration of one of mathematics’ most intriguing constants. No of Beneficiaries- 106

**Title** -Workshop on Vedic Mathematics

**Date** - 2nd August 2024

**Description-** The Workshop arranged for SYBSc Students from TYBSc students of Mathematics. Mr. Satyam Prajapati started the Session with introduction and Brief History of Vedic Maths. The session continued by Nupur Bagwe with base method multiplication, including scenarios both above and below base, as well as any base, to establish a strong groundwork for more complex calculations. Next session started by Mr. Rohan Sheety with multiplication of 2 digit numbers, focusing on the series of 1's , 9's and Urdhav Tiryak method. Also, Discussed a quick method to memorize squares from 1 to 100. Next Mr.Vishal Gond started his session with a rapid method for finding square roots along with a worksheet for practice. In summary, the session seamlessly combined simplicity with depth, introducing Vedic Maths concepts with clarity. Students not only acquired mathematical skills, making the learning experience both enriching and impactful. No. of Beneficiaries-25



**Title** -Application of Mathematics in nonlinear science

**Date** - 31st August 2024

**Description-** The talk was delivered by Prof. Vinayak S. Kulkarni from the Department of Mathematics, University of Mumbai. Prof. Kulkarni, known for his expertise in nonlinear science, presented deep insights into the role of mathematics in analyzing and solving complex problems in science by using mathematical modeling and taking various variables that represent real life variables.

**Content Highlights:**

- Need for Mathematical modelling and advantages
- How to create a mathematical model
- Which parts of mathematics used like differential equations, Boundary Value Problems,
- Physical significance
- Role of Non-linearity
- Example: Design of piston crown, 1d interpretation





- Additional use of mathematics in different fields

The session successfully provided the audience with a comprehensive overview of the applications of Mathematics in nonlinear science. This event underscored the importance of nonlinear analysis in improving scientific models and solving complex problems. The session was well received by the students as it made them familiar with new concepts like mathematical modelling. No. of Beneficiaries-86

**Title** -Hindi Diwas

**Date** - 19th September 2024

**Description**-A grand celebration of Hindi Divas was organized by the Department of Mathematics on the 19th of September 2024. This creative day was dedicated to the late Shri Harishankar Parsai as it was his 100th birth anniversary. The audience was made aware about his childhood, his education, his contributions to Hindi literature and hardships faced throughout. There were poem recitations and story narration by students as well as faculty. There were performances of folk songs in the mesmerizing voices of students. The programme was a huge success. No. of Beneficiaries-100



**Title** -Workshop on Madhava Mathematics Competition

**Date** - 22nd and 23rd October 2024

**Description-** Madhava Mathematics Competition (MMC) is a nation wide activity organized by Bhaskaracharya Pratishthan, pune. (Previously organized by S.P.College, Pune during 2010-2023) It is funded by National Board for higher Mathematics. It is mainly for the Second year graduate students who are studying Mathematics as one of the subjects, although students of Final year students pursuing Mathematics and First year undergraduates with adequate knowledge may also participate. It focuses on finding talented students of Mathematics across the country and nurturing them. The kind of questions asked are non-routine and of higher degree of difficulty which really test the talent among students.

In K. J. Somaiya College of Science and Commerce, the department of Mathematics organized a two day workshop for students of B.Sc. Mathematics from various colleges in Mumbai. The workshop was attended by 32 students from various colleges. Eight sessions



covering different areas of problems were conducted by experts associated with the training and conduction of the Competition. The workshop was very much beneficial to students as well as teachers as it gave them access to a variety of challenging problems.

**Title** -Workshop on Tableau

**Date** - 14th, 16th and 18th November 2024

**Description-** The resource persons were Ms. Harshda Gaikwad, Sr, Analyst, Merkle and Ms. Mayuri Rajak, Data Analyst, General Mills. The Department of Mathematics, K. J. Somaiya College of Science and Commerce Presented “Workshop on Tableau” on 14th,16th and 18th November, 2024

Day I: Introduction and Basic Visualizations

Day I began with an introduction to Tableau, highlighting its user-friendly interface and its capability to create interactive visualizations without extensive coding. Participants learned how to connect Tableau to various data sources such as Excel, SQL databases, and cloud storage. Basic data operations like filtering, sorting, grouping, and aggregating were covered, helping participants refine their datasets for





meaningful analysis. The session also introduced the creation of calculated fields and the joining/blending of data from different sources. The day concluded with the creation of basic visualizations such as bar charts, line graphs, and pie charts, enabling participants to represent data in an intuitive and informative way.

#### Day 2: Intermediate Techniques and Dashboard Creation

Day 2 built upon the foundation established on Day 1, delving into more advanced features of Tableau. Key topics included the use of parameters for dynamic data analysis, which allow users to interactively adjust filters, calculated fields, and visualizations. The concept of hierarchies and grouping was introduced to facilitate drill-down analysis and simplify data views. Participants also learned how to perform basic calculations, such as deriving profit margins or percentage contributions. The day also focused on designing dashboards by combining multiple visualizations and adding interactive features like filters and navigation buttons. Visualizations such as scatter plots, pie charts, and heatmaps were explored, with a strong



emphasis on customizing visual elements for effective storytelling.

### Day 3: Advanced Features and Dashboard Building

The final day concentrated on advanced features such as combining data from different sources, including unions and joins. The Venn diagram representation helped participants understand data overlaps and connections. A key feature introduced was the Level of Detail (LOD) functions—Include, Exclude, and Fixed LOD—enabling participants to control the level of data granularity in their analysis. The main focus of Day 3 was on creating professional dashboards. Participants learned to arrange different visual elements in a cohesive and clear layout, telling a compelling story with the data. The day ended with each participant working on an assignment to create a comprehensive dashboard using various chart types like line graphs and dot plots.

### Conclusion

The three-day Tableau workshop successfully introduced participants to the fundamentals and advanced techniques required for data analysis and visualization. By combining theoretical

knowledge with hands-on exercises, the workshop equipped participants with the skills needed to create clear, impactful data presentations. The insights gained, especially on Day 3, will be invaluable in future data-driven decision-making and reporting. No. of Beneficiaries-25

**Title** - Movie Screening of The Great Math Mystery

**Date** - 26th November 2024

**Description-** The Mathematics Club organized a movie screening. The screening was held in the seminar hall on the first floor. The movie was as fascinating as the title itself: *The Great Math Mystery*. The overview of the movie had an imaginative outlook. The entire screening explored the various applications of mathematics that are still unknown and mysteriously hidden from the world.

*"Is God a Mathematician?"*—the book written by author Mario Livio—is a mystical book that provides ample information related to the screening. The various series, patterns, and sequences that are hidden from the world are



explored by mathematicians through their research. This research has proven to be very useful in understanding mathematical concepts more easily. The entire show was an amazing experience, sparking imagination about future challenges that could be addressed through the applications of mathematics. The show ended at 10:00 a.m. At the conclusion, they concluded by saying, "Mathematics itself is a huge mystery."  
No. of Beneficiaries-72

**Title** -Mathletics Fest – Harry Potter Edition

**Date** - 13th December 2024

**Description-** The Mathletics Fest 2024, held on 13th December organized by the Mathletics Club—the Official Club of the Department of Mathematics at KJ Somaiya College of Science and Commerce was a spellbinding event inspired by the magical world of Harry Potter.

Blending mathematics and magic, the fest aimed to ignite curiosity, promote problem-solving, and foster a love for mathematics among students by providing a platform to explore the subject beyond textbooks through interactive





<p>games and activities with a magical twist. The event began with a magical flyer drop, followed by an inauguration by the principal, vice principal, HOD, Faculty and the Mathletics team. Followed by the Somaiya prayer at seminar hall, set a tone of positivity and unity, and the organizers introduced the theme and day's schedule. The fest featured unique games inspired by the wizarding world, combining fun with Mathematical challenges. Each game was designed to engage students in fun-filled learning, making mathematics approachable and exciting. The fest concluded on the next day, 14th December 2024 with a prize distribution ceremony, celebrating winners with trophies and certificates. The contributions of the Mathletics team, faculty, and volunteers were acknowledged, marking the end of a magical and mathematical journey. No. of Beneficiaries-50</p>	
<p><b>Title</b> - National mathematics Day</p> <p><b>Date</b> - 21st December 2024</p> <p><b>Description</b> - Prasad Gaikwad: Prasad Gaikwad is an expert on study abroad opportunities, with years of experience guiding students on</p>	



international education and career pathways.

Reema Varde: Reema Varde is a representative from Envision Overseas Education Consultants, specializing in study abroad counseling and visa processes. On 21st December, 2024, the Mathematics Department Organized a seminar, which commenced with the traditional prayer of Somaiya College. The prayer set a serene and auspicious tone for the event. Prasad Gaikwad, a representative from Envision Overseas Education Consultants, then presented a comprehensive overview of his company's services and expertise in facilitating international education. The seminar's final segment featured Reema Varde, who shared valuable information about study abroad opportunities, visa processes, and international education. The seminar was well-attended by students of the Mathematics Department. The students actively participated in the Q&A session, seeking clarification and guidance on various aspects of international education. The event provided a valuable platform for students to explore study abroad opportunities and gain insights from experts in the field. We appreciate the time and expertise shared by Prasad Gaikwad and Reema Varde, making the seminar an informative and

engaging experience for all participants. No. of Beneficiaries:40

**Title - THE EXCEL-LENCE OF THE WEB**

**Date -8th January 2025**

**Description-** On 8th January 2025, An Exhibition named 'THE EXCEL-LENCE OF THE WEB' was presented by the Department of Mathematics and students of SY BCom F Division. The students showcased the websites and various creations they made using the tools of Excel. The exhibition was a collection of various websites made for appliances, translation, investment, clothing, anime, etc and other categories. The students tried to create realistic websites on Excel using tools like data validation, pivot charts and tables, forecasting charts and presenting Excel dashboards to showcase the overall content of the websites. Also, various logos, game themes, templates and the divisible calculator were presented by the students. The students were informative, clearly explaining the content of the websites and demonstrating the potential uses of Excel. They showcased what they learned from Excel, highlighting their skills and understanding. The teachers were also



impressed by the creativity of the students, appreciated their work and were eager to learn those tools. The feedback was impressive given by the teachers and students who visited the exhibition making it a success. Hence, the overall exhibition was informative, interesting and creative. No. of Beneficiaries-60

The Department of Mathematics organized a talk on "Arithmetic Functions" on January 30, 2025, at 12:00 noon in the seminar hall. The talk was delivered by Dr. Janki Vashi from the Department of Mathematics, Sir P. T. Sarvajanik College of Science, Surat. Dr. Vashi explained the concept of arithmetic functions and their properties, along with real-life applications in fields like cryptography and computer science. She also addressed questions raised by the students. The session was well received, as it provided valuable insights into the practical applications of arithmetic functions. No. of Beneficiaries-32



The Department of Mathematics of KJ Somaiya College of Science and Commerce organized a talk on Resume and Interview skills, on 1st March 2025. The speaker for the session was Dr. Anupma Harshal, consultant at Kotak Education Foundation. Dr. Anupma emphasized the importance of self-confidence, and encouraged students to think big in order to achieve their goals. She described the resume as a "ticket to the interview" and highlighted its significance in the job application process. In addition to resume-building, Dr. Anupma provided guidance on how to introduce oneself during an interview. She stressed the importance of being confident, clear, and honest when speaking to interviewers. No of Beneficiaries-26



The Department of Mathematics, K. J. Somaiya College of Science and Commerce organized a Certificate course on Advanced MS Excel for teaching and non-teaching staff during 15th April - 28th April 2025. The primary objective was to enhance participants' skills in data management through hands-on training sessions. The course covered essential topics such as cell formatting, conditional formatting,






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commonly used functions etc. No. of Beneficiaries-46	
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## Faculty Achievements

<p><b>Name – Mr. Jaidip Wable</b></p> <p><b>Department:</b> Chemistry</p> <p><b>Achievement-</b> Mr. Jaidip Wable received patent for TRIAZOLYL-PYRAZOLONE COMPOUNDS AS THERAPEUTICALLY ACTIVE AGENTS on 16th August 2024.</p>	
<p><b>Name – Dr. Sugandha Shetye</b></p> <p><b>Department:</b> Chemistry</p> <p><b>Achievement-</b> Guideship for Ph.D degree in Environmental Studies at SIES, Matunga, Mumbai on 16<sup>th</sup> December, 2024.</p>	
<p><b>Name – Mr. Rishiraj Duggal</b></p> <p><b>Department:</b> Zoology</p> <p><b>Achievement-</b> Received Smt Sakarben K Somaiya award for Promising Faculty-Higher and Technical Education by Somaiya Vidyavihar management</p>	

**Name:** Dr. Trupti Rane

**Department:** Chemistry

**Achievement-** Guided a Research Project titled Targeted Hybridization: Pyrazine-2-Carbohydrazone Derivatives as Antitubercular and Antimicrobial Leads which was presented by her student Ms. Yadav Shraddha in Medicine and Pharmacy Category and PPG Level at 19th Aavishkar: Inter-Collegiate / Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai

at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone.



**Name:** Dr. Rohit Singh Chauhan

**Department:** Chemistry

**Achievement-** Guided a Research Project titled Application of N Heterocyclic chloroamides as promising extractants for actinide partitioning, which was presented by his student Mr. Maurya Deepak kumar in Pure Sciences Category and PG Level at 19th Aavishkar: Inter-Collegiate /



Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone.

**Name:** Dr. Veena Khilnani

**Department:** Chemistry

**Achievement-** Guided a Research Project titled “Synthesis, Biological Evaluation and Computational Studies of Novel Imidazole Derivatives” which was presented by her student Mr. Sodah karun and “Nano Micronutrients: Transforming maize (Zea mays) growth and yield” which was submitted by her student Mr. Bundake Vipul in Agriculture and Animal Husbandry in Pure Sciences Category and PG Level at 19th Aavishkar: Inter-Collegiate / Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone and Department Research Convention (Final Round).



**Name:** Dr. Sugandha Shetye

**Department:** Chemistry

**Achievement-** Guided a Research Project titled “Removal of Diclofenac Sodium from Aqueous Solutions Using Acid- Modified Biochar which was submitted by her student Mr. Rodrigues Jonty in Humanities, Languages and Fine Arts Pure Sciences Category and PG Level at 19th Aavishkar: Inter-Collegiate / Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone and Department Research Convention (Final Round).



**Name:** Dr. Nishamol Kanat

**Department:** Chemistry

**Achievement-** Guided a Research Project titled “College of Science and Commere, Vidyavihar has guided a Research Project titled Vanadium supported - Zireonium Clay Catalysts for Dehydration of Castor oil which was submitted by her student Mrs. Chendwankar Nikita in Pure Sciences Category and PG Level at 19th Aavishkar: Inter-Collegiate / Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone and Department Research Convention (Final Round).



**Name:** Ms. Pooja Nandi

**Department:** Microbiology

**Achievement-** Faculty from the Department of Microbiology have cleared their SET examination.



**Name:** Ms. Dhanashree Tambe

**Department:** Microbiology

**Achievement-** Faculty from the Department of Microbiology have cleared their SET examination.



**Name:** Ms. Pooja Nandi

**Department:** Microbiology

**Achievement-** A chapter titled " Application of Azolla and its Combination to Rice Paddy: A Green Approach for Sustainable Agriculture Development " was published in the book "Revolutionizing Farming: The Nexus of Education and Technology in India". Ms Pooja Nandi, faculty of Department of Microbiology is one of the authors of the paper.



**Name:** Dr. Deepak More

**Department:** Physics

**Achievement-** Dr Deepak More was felicitated by SWAYM NPTEL on 13th July 2024 for his contribution in SPOC (Single Point of Contact).



**Name:** Ms. Javeria Qureshi

**Department:** Mathematics

**Achievement:** Received award as Best Batswoman in cricket tournament



**Name:** Dr. Lolly Jain

**Department:** Microbiology

**Achievement:** Dr. S. K. Somaiya Award for Excellence in Teaching - Higher and Technical Education and Excellence in Teaching at ENCOMIUM by K J Somaiya College of Science and Commerce.



**Name:** Ms. Versha Peghwal

**Department:** Microbiology

**Achievement:** Best women of the match in the 6th TOSS Women's Cricket Tournament. Second runner up position in 6th TOSS Women's Cricket Tournament.



**Name:** Mr. Sagar Chavan (Non Teaching support staff)

**Department:** Microbiology

**Achievement:** Successfully cleared HSC examination



**Name:** Mr. Akash Redekar (Non Teaching)

**Department:** Microbiology

**Achievement:** Successfully cleared B.A degree



## Student Achievements 2024-25

<p><b>Name:</b> Ms. Yadav Shraddha Sheetalaprasad</p> <p><b>Department:</b> Chemistry</p> <p><b>Achievement-</b> Participated and presented a Research Project titled 'Targeted Hybridization: Pyrazine-2-Carbohydrazone Derivatives as Antitubercular and Antimicrobial Leads' in Medicine and Pharmacy Category and PPG Level at 19th Aavishkar Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone.</p>	 <p>The certificate is for Ms. Yadav Shraddha Sheetalaprasad of K.J. Somaiya College of Science and Commerce, Vidyavihar for participating and presenting a Research Project titled 'Targeted Hybridization- Pyrazine-2-Carbohydrazone Derivatives as Antitubercular and Antimicrobial Leads in Medicine and Pharmacy Category and PPG Level at 19th Aavishkar: Inter-Collegiate / Institute / Department Research Conventions (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Zone II (Mumbai II).</p>
<p><b>Name:</b> Mr. Maurya Deepak Kumar Bhagwat Prasad</p> <p><b>Department:</b> Chemistry</p> <p><b>Achievement-</b> Participated and presented a Research Project titled 'Application of N-Heterocyclic chloroamides as promising extractants for actinide partitioning in Pure</p>	 <p>The certificate is for Mr. Maurya Deepak Kumar Bhagwat Prasad of K.J. Somaiya College of Science and Commerce, Vidyavihar for participating and presenting a Research Project titled 'Application of N-Heterocyclic chloroamides as promising extractants for actinide partitioning in Pure Science Category and PPG Level at 19th Aavishkar: Inter-Collegiate / Institute / Department Research Conventions (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Zone II (Mumbai II).</p>

Sciences Category and PG Level at 19th Aavishkar Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone.

**Name:** Mr. Sodah Karun Ghansham

**Department:** Chemistry

**Achievement-** Participated and presented a Research Project titled ‘Synthesis, Biological Evaluation and Computational Studies of Novel Imidazole Derivatives” in Pure Sciences Category and PPG Level at 19th Aavishkar Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone



**Name:** Mr. Bundake Vipul Dattaram

**Department:** Chemistry

**Achievement-** Participated and presented a Research Project titled “Nano Micronutrients: Transforming maize (Zea mays) growth and yield” in Agriculture and Animal Husbandry Category and PPG Level at 19th Aavishkar Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone. The said Research Project was selected for the Final Round.




**Name:** Mr. Rodrigues Jonty

**Department:** Chemistry

**Achievement-** Participated and presented a Research Project titled “Removal of Diclofenac Sodium from Aqueous Solutions Using Acid- Modified Biochar” in Humanities, Languages and Fine Arts Category and PPG Level at 19th Aavishkar Research Convention (Zonal Round) organized by the University of Mumbai at



<p>Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone. The said Research Project was selected for the Final Round.</p>	
<p><b>Name:</b> Mrs. Chendwankar Nikita Yogesh</p> <p><b>Department:</b> Chemistry</p> <p><b>Achievement-</b> Participated and presented a Research Project titled “Vanadium supported - Zirconium Clay Catalysts for Dehydration of Castor oil” in Pure Sciences Category and PPG Level at 19th Aavishkar Research Convention (Zonal Round) organized by the University of Mumbai at Ramanand Arya D.A.V. College, Bhandup, Mumbai on December 12, 2024 for Mumbai II zone. The said Research Project was selected for Final Round.</p>	 <p>The certificate is titled "Certificate of Merit" and is issued by the University of Mumbai. It recognizes Mrs. Chendwankar Nikita Yogesh for her research project "Vanadium supported - Zirconium Clay Catalysts for Dehydration of Castor oil" in the Pure Sciences Category and PPG Level at the 19th Aavishkar (Zonal Round) Research Convention. The certificate is signed by Dr. Manohar Gurusamy and Dr. Sahil Patil, dated December 12, 2024, in Bhandup, Mumbai.</p>
<p><b>Name:</b> Cadet Sneha Mirgal</p> <p><b>Department:</b> NCC</p> <p><b>Achievement:</b> Best performance award at National level for ADVENTURE CAMP - JAMMU &amp; KASHMIR in May 2024.</p>	

**Name:** Mitali Girap

**Department:** cultural

**Achievement:** Third Prize at Youth Fest for Poster competition in September 2024



**Name:** Mayuresh Karkhanis

**Department:** cultural

**Achievement:** Third Prize at Youth Fest for photography competition in September 2024



**Name:** Ayushi

**Department:** cultural

**Achievement:** Second Prize at Inter-collegiate for Cartooning in December 2024



**Name:** Hiral Jain

**Department:** cultural

**Achievement:** Second Prize at Inter-collegiate for Dance in September 2024



**Name:** Manasvi Tambe

**Department:** cultural

**Achievement:** Second Prize at Inter-collegiate for Dance in September & December 2024



**Name:** Nihar Sawant

**Department:** cultural

**Achievement:** First Prize at Inter-collegiate for sales izz well in December 2024



**Name:** Prarabdha Srivastav

**Department:** cultural

**Achievement:** First Prize at Inter- collegiate  
for sales izz well in December 2024



**Name:** Nitin Chaudhary

**Department:** cultural

**Achievement:** First Prize at Inter- collegiate  
for Photography in December 2024



**Name:** Tanishq kumar

**Department:** cultural

**Achievement:** First Prize at Inter- collegiate  
for Debate in December 2024



**Name:** Tanishq kumar

**Department:** cultural

**Achievement:** First Prize at Inter- collegiate for Quiz in December 2024



**Name:** Shrutika Sathe

**Department:** cultural

**Achievement:** Second Prize at Inter- collegiate for Dance in December 2024



**Department:** NCC

**Achievement:** KJSSC girls NCC unit hosted the Combined Annual Training Camp -506 at Somaiya campus, running from May 29th to 7th June, 2024. Commanding officer, 15 PI staff, 3 ANOs and 2 GCIs and a total of 350 cadets participated in this camp.



**Name:** Ms. Bhavika Gehlot

**Department:** Chemistry

**Achievement:** selected to work on the project titled “Efficient ZnO Chemical Bath Deposition: Quantitative Analysis of Heterogeneous versus Homogeneous Growth” with Prof. Gilles Lerondel University of Technology of Troyes (UTT). She was granted allowances for monthly expenses.



**Name:** Mr. Sayyam Jain

**Department:** Microbiology

**Achievement:** Sayyam Jain, student of SYBSc and his team qualified in top II teams and they were invited to IIM Bangalore for a presentation. Entrepreneurship and Innovation Cell (ENI), IIM Bangalore in association with NSRCEL brings Bzzwings, one of the largest B-Plan competitions of the year. Bzzwings has a rich legacy with many of its participant startups having been extremely successful in the past few years. Total participants: 919 teams. Title of his presentation was - Designing a small wind power plant which can be installed in urban

areas using C-shaped and electromagnetic induction.

**Name:** Ms. Veeksha Shah, Mr. Mohd Arif and Mr. Advik Pillai

**Department:** Chemistry

**Achievement:** Won 3rd Prize in Chemistry fest at Thadomal Shahani College on 31st August



**Name:** Mr. Advait Bandekar and Mr. Omkar Budar

**Department:** Statistics

**Achievement:** TYBSC Statistics students Advait Bandekar and Omkar Budar won First prize in the game Snake ladder statistics in the event Essque organized by Ruia college of Arts and Science.



**Name:** Janhvi Singh and Shreeyansh Chari

**Department:** Statistics & Physics

**Achievement:** Won the First Prize in the game Craze a maze, the event Scare a maze organized by Ruia college of Arts and Science.



**Name:** Zeba, Sakshi, Bhavika, Raj Patel and Siddharth

**Department:** Microbiology, Chemistry & Physics

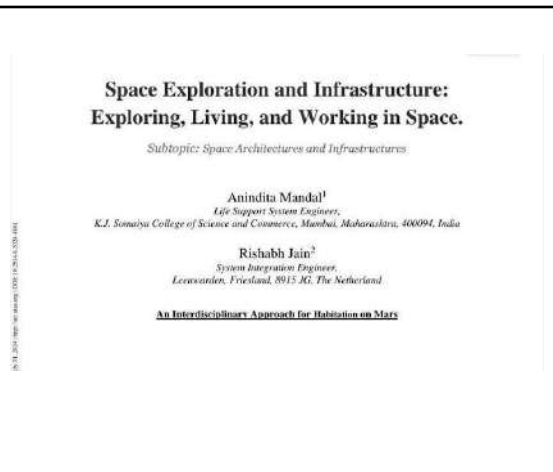
**Achievement:** MSc II students Zeba and Sakshi, from Microbiology, Bhavika and Raj patel from Chemistry and Siddharth from Physics participated in the International Natural Science Tournament 2024 as a part of the college team. The team has been selected in the top 14 to get a chance to participate in the Grand Final. Dr. Soniya Shetty from the Department of Microbiology, Mr Anshul Gupta guided the students for this tournament.



**Name:** Anindita Mandal

**Department:** Microbiology

**Achievement:**, PG student from 2023-24 published a research article entitled, Space Exploration and Infrastructure: Exploring, living and working in space.



**Name:** Mr. Abhijeet Singh

**Department:** Botany

**Achievement:** Best Student Award on 24-12-24



**Name:** Mr. Omkar Medhekar

**Department:** Zoology

**Achievement:** Event Manager of The Year Award 2025 at NIEM The Institute of Event Management on 2nd January 2025



**Name:** Ms. Hemangi Rajput

**Department:** Microbiology

**Achievement:** Best Girl Student award



**Name:** Ms. Payal Kudiya

**Department:** Mathematics

**Achievement:** Qualified JAM Examination All India Rank 371

JAM - 2025 SCORE CARD		IIT Delhi	
<b>CANDIDATE DETAILS</b>			
	Name: <b>PAYAL VINOD KUDIYA</b>	Registration Number: <b>MA213F094</b>	
	Parent's/Guardian's Name: <b>VINOD KUDIYA</b>		
<b>CANDIDATE PERFORMANCE</b>			
Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
<b>Mathematics (MA)</b>	<b>12079</b>	<b>47.67</b>	<b>371</b>
<b>CUT-OFF MARKS</b>			
Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
<b>Mathematics (MA)</b>	<b>19.90</b>	<b>17.91</b>	<b>9.95</b>
<small>In candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate (if applicable) must be produced along with this score card.</small>			
<small>12 March 2025 Digital Signature: 73a1f066947ccc89161e1a0b0d075175 Prof. C. Vijaya Prasad Organising Chairperson, JAM 2025</small>			

**Name:** Mr. Satyam Prajapati

**Department:** Mathematics

**Achievement:** Qualified JAM Examination All India Rank 3403

JAM - 2025 SCORE CARD		IIT Delhi	
<b>CANDIDATE DETAILS</b>			
	Name: <b>SATYAM RAMAKANT PRAJAPATI</b>	Registration Number: <b>MA212F172</b>	
	Parent's/Guardian's Name: <b>RAMAKANT PRAJAPATI</b>		
<b>CANDIDATE PERFORMANCE</b>			
Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
<b>Mathematics (MA)</b>	<b>12079</b>	<b>19.00</b>	<b>3403</b>
<b>CUT-OFF MARKS</b>			
Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
<b>Mathematics (MA)</b>	<b>19.90</b>	<b>17.91</b>	<b>9.95</b>
<small>In candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate (if applicable) must be produced along with this score card.</small>			
<small>12 March 2025 Digital Signature: 8a6c1889702191f888f9c93b48a7a086c Prof. C. Vijaya Prasad Organising Chairperson, JAM 2025</small>			



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**Name:** Mr. Rohan Shetty

**Department:** Mathematics

**Achievement:** Qualified JAM Examination All India Rank 2961

**JAM - 2025 SCORE CARD** IIT Delhi

**CANDIDATE DETAILS**

Name: **ROHAN KARUNAKAR SHETTY**  
Parent's/Guardian's Name: **KARUNAKAR SHETTY** Registration Number: **MA212F218**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Mathematics (MA)	12079	21.00	2961

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Mathematics (MA)	19.90	17.91	9.95

18. Candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate (if applicable) must be produced along with this score card.

22 March 2025  
Digital Signature: 23c14c8cb49c08302c153ba26a424358  
Prof. V. Jai Prakash  
Organising Chairperson, JAM 2025

**Name:** Shreeshyam Dubey

**Department:** Mathematics

**Achievement:** Qualified JAM Examination All India Rank 186

**JAM - 2025 SCORE CARD** IIT Delhi

**CANDIDATE DETAILS**

Name: **SHREESHYAM RAJESH DUBEY**  
Parent's/Guardian's Name: **RAJESH DUBEY** Registration Number: **MA212F328**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Mathematics (MA)	12079	54.33	186

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Mathematics (MA)	19.90	17.91	9.95

18. Candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate (if applicable) must be produced along with this score card.

22 March 2025  
Digital Signature: A64667f76df093b649576a7a638468  
Organising Chairperson, JAM 2025

**Name:** Mr. Jamal Ahmad Khan

**Department:** Chemistry

**Achievement:** Qualified JAM Examination All India Rank 2042

JAM 2024 - welcome (joaps.iiitd.ac.in)

Registration Status

Registration No. [redacted]

Registration Status: [redacted]

Registration Date: [redacted]

Registration Status: [redacted]

Registration Status: [redacted]

Registration Status: [redacted]

Registration Status: [redacted]

Registration Status: [redacted]

TEST PAPER (CODE)	MARKS SCORED (out of 100)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD	NUMBER OF CANDIDATES APPEARED IN THIS TEST PAPER	All India Rank
02Chemistry (CY)	87.00	07.39	07.39	07.39	1,014-02	2042

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Organising Chairperson, JAM 2025

**Name:** Mr. Shiv Gupta

**Department:** Chemistry

**Achievement:** Qualified JAM Examination All India Rank 1499

Applicant Name	Shiv Rajesh Gupta					
Status	Your application is found to be in order and has been accepted.					
Result Status						
Test Paper(s)	Marks Scored out of 100	Cut-Off Marks*			Number of Candidates Appeared in the Test Paper	All India Rank
		GEN	GEN-EWS/OBC-NCL	SC/ST/PwD		
Chemistry (CY)	35.67	25.38	22.84	12.69	14340	1499

**Name:** Ms. Subhashree Shroff

**Department:** Chemistry

**Achievement:** Qualified JAM Examination All India Rank 1194

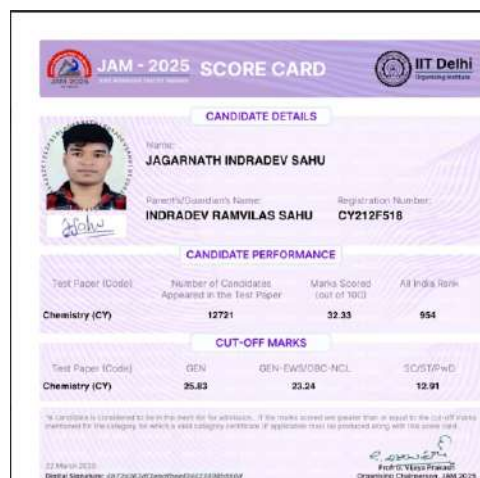


CANDIDATE DETAILS			
Name	SHUBHASHREE SUNIL SHROFF		
Parent's/Guardian's Name	HEMLATA SUNIL SHROFF	Registration Number	CY212F279
CANDIDATE PERFORMANCE			
Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Chemistry (CY)	12721	30.33	1194
CUT-OFF MARKS			
Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Chemistry (CY)	25.83	22.24	12.91

**Name:** Mr. Jagarnath Sahu

**Department:** Chemistry

**Achievement:** Qualified JAM Examination All India Rank 954



CANDIDATE DETAILS			
Name	JAGARNATH INDRADEV SAHU		
Parent's/Guardian's Name	INDRADEV RAMVILAS SAHU	Registration Number	CY212F518
CANDIDATE PERFORMANCE			
Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Chemistry (CY)	12721	32.33	954
CUT-OFF MARKS			
Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Chemistry (CY)	25.83	22.24	12.91

**Name:** Mr. Pranav Vidhushekaran

**Department:** Geology

**Achievement:** Qualified JAM Examination All India Rank 100



**JAM - 2025 SCORE CARD** IIT Delhi

**CANDIDATE DETAILS**

Name: **PRANAV VIDHUSHEKHARAN**  
 Parents/Guardian's Name: **REKHA VIDHUSHEKHARAN** Registration Number: **GG212F144**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Geology (GG)	2019	45.00	100

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Geology (GG)	21.06	18.95	10.53

\*A candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate (if applicable) must be produced along with the score card.

17 March 2025  
 Digital Signature: 8c896502e6c3ad2379a4f1610a4d592  
 Prof. C. Vijaya Prakash  
 Organising Chairperson, JAM 2025

**Name:** Mr. Devansh Momaya

**Department:** Geology

**Achievement:** Qualified JAM Examination All India Rank 139



**JAM - 2025 SCORE CARD** IIT Delhi

**CANDIDATE DETAILS**

Name: **DEVANSH KALPESH MOMAYA**  
 Parents/Guardian's Name: **KALPESH MOMAYA** Registration Number: **GG212F116**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Geology (GG)	2019	42.00	139

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Geology (GG)	21.06	18.95	10.53

\*A candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate (if applicable) must be produced along with this score card.

22 March 2025  
 Digital Signature: 88f023a6a6d8a141b7962d4a61bc486e  
 Prof. C. Vijaya Prakash  
 Organising Chairperson, JAM 2025



**Name:** Mr. Atharv dandekar

**Department:** Geology

**Achievement:** Qualified JAM Examination All India Rank 148

**JAM - 2025 SCORE CARD** IIT Delhi

**CANDIDATE DETAILS**

Name: **ATHARV MAHESH DANDEKAR**  
 Parents/Guardian's Name: **MAHESH RAMKRISHNA DANDEKAR**  
 Registration Number: **GG212F160**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Geology (GG)	2019	41.33	148

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Geology (GG)	21.06	18.95	10.53

\*A candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate of applicant must be produced along with this score card.

27 March 2025  
 Digital Signature: f2e22616e790905e225c0e9fa5c5c  
 Prof. G. Vijaya Prasad  
 Organising Chairperson, JAM 2025

**Name:** Ms. Apurva Mane

**Department:** Geology

**Achievement:** Qualified JAM Examination All India Rank 331

**JAM - 2025 SCORE CARD** IIT Delhi

**CANDIDATE DETAILS**

Name: **APURVA ANNA MANE**  
 Parents/Guardian's Name: **ANNA SHANKAR MANE**  
 Registration Number: **GG212F092**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Geology (GG)	2019	31.00	331

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Geology (GG)	21.06	18.95	10.53

\*A candidate is considered to be in the merit list for admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate of applicant must be produced along with this score card.

27 March 2025  
 Digital Signature: 1b65c0d669950e0e732d9dc208f4  
 Prof. G. Vijaya Prasad  
 Organising Chairperson, JAM 2025

**Name:** Mr. Advait Raut

**Department:** Geology

**Achievement:** Qualified JAM Examination All India Rank 12



**JAM - 2025 SCORE CARD** IIT Delhi

**CANDIDATE DETAILS**

Name: **ADVAIT VAIBHAV RAUT**  
 Parents/Guardian's Name: **ADITI VAIBHAV RAUT** Registration Number: **GG212F156**

**CANDIDATE PERFORMANCE**

Test Paper (Code)	Number of Candidates Appeared in the Test Paper	Marks Scored (out of 100)	All India Rank
Geology (GG)	2019	57.87	12

**CUT-OFF MARKS**

Test Paper (Code)	GEN	GEN-EWS/OBC-NCL	SC/ST/PwD
Geology (GG)	21.06	18.95	10.53

14. Candidates is considered to be in the merit for the admission, if the marks scored are greater than or equal to the cut-off marks mentioned for the category for which a valid category certificate, if applicable, must be produced along with this score card.

13 March 2025  
 Digital Signature: a7375330180489229536877460f6ab  
 Prof. C. Vignesh Prasad  
 Organising Chairperson, JAM 2025

**Name:** Mr. Deepak Maurya

**Department:** Chemistry

**Achievement:** Qualified the GATE Exam



**Your GATE 2025 Result [CV]**

Name: **DEEPAK KUMAR MAURYA**  
 Registration Number: **CY555209067**  
 Gender: **Male**  
 Parents/Guardian's name: **BHAGWAT PRASAD MAURYA**  
 Date of Birth (YYYY-MM-DD): **2002-04-13**  
 Test Paper: **Chemistry (CV)**

Marks out of 100<sup>#</sup>: **27.5**

Qualifying Marks<sup>\*\*</sup>: **25** (General) **22.5** (OBC-NCL/EWS) **16.6** (SC/ST/PwD)

<sup>#</sup>Normalized marks in case of multisection papers (GE and CE).  
<sup>\*\*</sup>A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which a valid category certificate, if applicable, must be produced along with the Score Card.

**Name:** Mr. Abhishek Mullezhath

**Department:** Chemistry

**Achievement:** Qualified the GATE Exam with 367 score



**Your GATE 2024 Result [CV]**

Name: **ABHISHEK ANANDAN MULLEZHATH**  
 Registration Number: **CY24012073495**  
 Gender: **Male**  
 Parents/Guardian's name: **ANANDAN VARUDEVAN MULLEZHATH**  
 Date of Birth (YYYY-MM-DD): **1998-11-26**  
 Examination Paper: **Chemistry (CV)**

Photograph:   
 Signature: 

Marks out of 100<sup>#</sup>: **35.33** All India Rank in this test paper: **3018**

Qualifying Marks<sup>\*\*</sup>: **25.3** (General) **22.6** (OBC-NCL/EWS) **16.7** (SC/ST/PwD) GATE Score: **367**

<sup>#</sup>Normalized marks in case of multisection papers (GE and CE).  
<sup>\*\*</sup>A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which a valid category certificate, if applicable, must be produced along with the Score Card.

**Name:** Mr. Hrutik Jadhav

**Department:** Chemistry

**Achievement:** Qualified the GATE Exam with 337 score

Your GATE 2024 Result [CV]

Name: HRUTIK MADHWARAO JADHAV

Registration Number: CV24312070290

Gender: Male

Parent's/Guardian's name: MADHWARAO DALAT JADHAV

Date of Birth (YYYY-MM-DD): 2000-10-14

Examination Paper: Chemistry (CY)

Marks out of 100\*: 24.93

All India Rank in this test paper: 4444

Qualifying Marks\*: 25.2 (General), 22.8 (EWS/OBC (NCL)), 18.7 (SC/ST/PwD)

GATE Score: 397

**Name:** Mr. Adarsh Pandey

**Department:** Chemistry

**Achievement:** Qualified the GATE Exam with 366 score

**GATE Scorecard**

Name of Candidate: ADARSH KUMAR PANDEY

Parent's/Guardian's Name: NAGESHWAR NATH PANDEY

Registration Number: CV23842042094

Date of Birth: 09-Jan-1997

Examination Paper: Chemistry (CY)

GATE Score: 366

Marks out of 100: 27.67

All India Rank in this paper: 3252

Number of Candidates Appeared in this paper: 24710

Qualifying Marks\*: 26.5 (General), 23.8 (EWS/OBC (NCL)), 17.6 (SC/ST/PwD)

Valid up to 31<sup>st</sup> March 2026

Prof. Prestoshankar M. Mohite  
Organising Chairman, GATE 2023  
on behalf of ICB-GATE, for MoE

**Name:** Ms. Vaishali Salve

**Department:** Microbiology

**Achievement:** Cleared the SET examination

MAHARASHTRA STATE ELECTROLYTE TEST (MSET)

SAVITRIBAI PHULE PUNE UNIVERSITY  
ELECTROLYTE TEST FOR ASSISTANT PROFESSOR

SET No: 101/2024/SET/ASAP/2023

As per the information provided by the candidate, she had not completed Master's degree of minimum completion on the date of applying for SET.

The date of eligibility for Assistant Professor in the date of completion of Master's degree as mentioned in the advertisement is 02/01/2023.



This is an electronic certificate only. Its authenticity and integrity is which the candidate had requested to be certified from the Board of Examinations, Pune.



Member Secretary: Dr. Pratiksha S. Patil

Chairman: Dr. Pratiksha S. Patil

## Achievements in Sports

Sr.No	Name Of The Students	Sports	Performance
1	Vinit Kumawat  	Cross Country 10km Run	1. University Of Mumbai Zone I- <b>Gold Medal</b>  2. University Of Mumbai Inter Zone <b>Bronze Medal.</b>
		Steeple Chase (5km Run)	1. University of Mumbai Inter- Collegiate - <b>Silver Medal</b>  2. University of Mumbai Inter-Zone Participated
2	Karan Dhilod	Basketball	1. University Of Mumbai Zone One Gold Medal  2. Inter Zonal Gold Medal

			<p>1. Mumbai Inter University Basketball tournament to be held this year at <b>I.T.M University Gwalior 2024-25</b></p>
<p>3</p>	<p>Shravani Walavalkar</p> 	<p>Swimming</p>	<p>1. University of Mumbai <b>Inter-Collegiate &amp; Inter Zone</b></p> <ol style="list-style-type: none"> <li>1. 200M freestyle- <b>Gold</b></li> <li>2. 200M butterfly -<b>Gold</b></li> <li>3. 100M butterfly -<b>Gold</b></li> <li>4. 800M freestyle - <b>Gold</b></li> <li>5. 50M butterfly - <b>Gold</b></li> </ol> <p>1. All India Inter University Selected <b>SRM Institute of Sci. &amp; Tech. Kattankulathur</b></p> <p><b>Chengalpattu Tamil Nadu</b></p>

<p>4.</p>	<p>Jasmin Ansari</p> 	<p>Judo</p>	<ol style="list-style-type: none"> <li>1. University Of Mumbai Inter Zone I-<b>Gold Medal</b></li> <li>2. Selected <b>South West Zone Inter University Bhopal Madhya Pradesh Championship 2024-25</b></li> </ol>
<p>5.</p>	<p>Kamlesh Ishwar Ukali</p> 	<p>Table tennis</p>	<ol style="list-style-type: none"> <li>1. University Of Mumbai Inter Zone I-<b>Gold Medal</b></li> <li>2. University Of Mumbai Inter Zone <b>Bronze Medal</b></li> </ol>
<p>6.</p>	<p>Shubhashree Shroff</p>	<p>Table tennis</p>	<ol style="list-style-type: none"> <li>1. University Of Mumbai Zone One Win &amp; Inter Zonal Selected</li> </ol>

			
7	<p>Bhavya Salva</p> 	Yoga	<ol style="list-style-type: none"><li>1. University Of Mumbai Zone One Gold Medal</li><li>2. University of Mumbai Inter-Zone Bronze Medal.</li></ol>



## FDPs completed by the faculty

Sr. No.	Department	Name of the Faculty	Title of the FDP	Organising body
1	Chemistry	Dr. Sugandha Shetye	Community Engagement in Education	Tata Institute of Social Science Tuljapur
2	Chemistry	Dr. Chitra Kamath	Community Engagement in Education	Tata Institute of Social Science Tuljapur
3	Geology	Dr. Jyoti Sharma	NEP 2020-Orientation and Sensitization Programme	SGTB Khalsa College, University of Delhi
4	Mathematics	Dr. Reema Khanna	One week FDP on integrating skills in curriculum	Solapur University
5	Mathematics	Subhash Krishnan	One week FDP on integrating skills in curriculum	Solapur University



6	Mathematics	Javeria Qureshi	NEP-2020 Orientation & Sensitization Programme	Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)
7	Mathematics	Prabhat Upadhyay	Community Engagement in Education	TISS Tuljapur
8	Mathematics	Prabhat Upadhyay	State level Purna Camp (As a team manager for university of mumbai team)	Solapur University
9	Microbiology	Mr. Shabib Khan	Understand the NIRF session conducted by Ms Supriya Patil	IQAC Cluster India
10	Microbiology	Mr. Shabib Khan	Two-Weeks Online Refresher Course in Basic Sciences (Interdisciplinary)	MMTTC
11	Microbiology	Ms Versha	MMTTC-SNDT WU: Certificate	SNDT jointly



		Peghwal	of completion for Short Term Faculty Development Programme on OER	with MMTTC
12	Microbiology	Ms. Poonam Shinde	Capacity building program for science teacher	HBCSE
13	Physics	Dr. Anshul Gupta	Short term course on Gender sensitization	UGC-MM-TTC, KURUKSHETRA UNIVERSITY KURUKSHETRA
14	Physics	Dr. Pallavi Raote	Two-Week Online Refresher Course on "Materials for Energy and Sustainability"	UGC-MM-TTC, CS2-IISER Bhopal.
15	Physics	Dr. Rucha Naik	Two-Week Online Refresher Course on "Materials for Energy and Sustainability,	UGC-MM-TTC, CS2-IISER Bhopal.
16	Physics	Dr. Rucha Naik	online certificate course on "ESG &	Ramanujan college with



			SUSTAINABILITY LITERACY"	ESG Research Foundation and Indian Accounting Association - NCR Chapter)
17	Physics	Dr. Deepak More	Five-Day National Faculty Development Programme on Research Structuring & Publication Process	Centre for Research & Training (CRT) National Foundation for Entrepreneurship Development (NFED) Coimbatore, Tamil Nadu
18	Physics	Dr. Geeta Nair	Controller of Examination Sammit	IQAC, Nagidas Khandelwal college
19	Physics	Dr. Geeta Nair	Unloading Credit data on Academic bank of credit and Samarth Portal	VES college of Arts, Science and commerce, Chembur under PM USHA
20	Statistics	Ms. Arati Kore	Refresher course in Recent Advancements in Mathematics,	MMTTC, CUSB, MMTTP



			Statistics and Computer Science	
21	Statistics	Ms. Namrata Nagwekar	Refresher course in Recent Advancements in Mathematics, Statistics and Computer Science	MMTTC, CUSB, MMTPP
22	Statistics	Ms. Arati Kore	Final hour AQAR filing	IQAC Cluster India
23	Statistics	Ms. Arati Kore	NEP Orientation & Sensitization Programme	UGC-MMTTC (also GAD-MMTTC), SGTB Khalsa College, University of Delhi
24	Zoology	Ms. Chetana Kanekar	Preparing Students for Placements	ICFAI Business School, Mumbai
25	Zoology	Dr. Kanika Pahwa	Faculty Knowledge sharing program on Information Technology in Education	ICFAI Business School, Mumbai



26	Zoology	Ms. Chetana Kanekar	Cracking the Gen Z Code- Teaching Strategies for the Next Generation	Bal Bharati Maghanmal's J. Pancholia College of Commerce
27	Zoology	Ms. Divya Sarang	Cracking the Gen Z Code- Teaching Strategies for the Next Generation	Bal Bharati Maghanmal's J. Pancholia College of Commerce
28	Zoology	Ms. Shreya Patil	NEP 2020- Orientation and Sensitization Programme	Shri GTB Khalsa College, DU
29	Zoology	Dr. Shanti Upadhye	NEP 2020- Orientation and Sensitization Programme	Shri GTB Khalsa College, DU
30	Zoology	Ms. Chetana Kanekar	Refresher course in Biological Science	KJSSC
31	Zoology	Ms. Divya Sarang	One-day orientation session on "NEP 2020 courses of M.Sc. Part-II Oceanography and Fishery Technology"	M.D. College , Mumbai



32	Business Law	Dr Archana Padgaonkar	Decoding storytelling	Sanatan Dharma College Ambala
33	Commerce	Dr Smita Paranjape	"Design Thinking: Excellent Learning Outcomes"	Career Katta, Innovative Pedagogy Development Centre, UGC Malaviya Mission Teacher Training Centre.
34	Commerce	Dr Smita Paranjape	Transformative AI Tools for Research Writing Comprehensive Techniques and Best Practices	MLRIT Hyderabad, Telangana
35	Commerce	Dr Smita Paranjape	Research Writing proposal techniques to get funds for projects and systematic process of learning from patent drafting to patent grant	RSP Tamilnadu



36	Commerce	Mrs Shilpa Sawant	Refresher Course in commerce, Accountancy and Management	UGC Mumbai University
37	Commerce	Mrs Sulata Parui	Research Writing for Top Journals: From Manuscript to Publication'	Somaiya University
38	Commerce	Mrs Sulata Parui	Empowering Higher Education Institutions in Technology-enabled learning and Blended Learning	Somaiya University



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Re - accredited "A" Grade by NAAC

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## Internal Quality Assurance Cell

**Title** – Workshop on Connecting the dots....the emotions way

**Date** - 12<sup>th</sup> to 15th June, 2024

**Description** - Mrs. Mithila Dalvi, Counsellor and Founder of *Samvaad...a dialogue*, conducted sessions aimed at helping teachers develop insight and skills to manage their own and others' emotions effectively. She emphasized emotional intelligence as a blend of thinking and feeling to achieve optimal outcomes. The session explored the link between emotions and thoughts, highlighting how they govern decisions and behavior. Mrs. Dalvi discussed emotional "leakages" and "seepages" and shared the importance of empathy, encouraging participants to let others speak and focus beyond themselves. She also suggested that teachers share personal failure stories to build stronger connections with students. This workshop was attended by 86 faculty members.



**Title** - Visible thinking routine

**Date** - 27<sup>th</sup> and 28<sup>th</sup> June 2024

**Description** - Ms. Megha Ahuja, Head of Experiential Learning at Somaiya Vidyavihar, conducted a workshop on Visible Thinking Routines aimed at equipping educators with strategies to enhance critical thinking and understanding. The session focused on teaching specific thinking routines for analyzing information, making connections, and fostering deeper understanding. Participants engaged in discussions and collaborative activities to promote shared learning and multiple perspectives. The workshop also created a supportive community for educators to exchange ideas and continue developing their thinking skills beyond the session. This online session was attended by 116 faculty members



**Title** – Open Day for school students

**Date** – 16 December 2024

**Description** - The program aimed to foster interest in science and encourage students to pursue higher education and career goals. A total of 268 students from 7 schools and 1 junior college visited KJSSC, where various departments showcased experiments and provided guidance on career opportunities in basic sciences and commerce after graduation or post-graduation.



**Title** – School Connect 2.0

**Date** – 14 January 2025

**Description** - To guide students and parents about the student-centric changes in the National Education Policy 2020 and their beneficial effects, this activity was conducted under Government initiative. 877 students of 11<sup>th</sup> standard of KJSSC junior college were guided about the changes in higher education due to NEP 2020. They were provided with the information about the opportunities available for holistic development of the students in the University and student centric changes in



National Education Policy 2020 like Apprenticeship Embedded Degree Program (AEDP), Internship, IKS, SWAYAM, Mahaswayam, Vidyalaxmi Loan Scheme, SATHEE etc. They were also guided about how to choose courses of their choice after 12th. Altogether 877 students attended the sessions.

**Title** – School Connect 2.0

**Date** – 15 January 2025

**Description** - To guide students and parents about the student-centric changes in the National Education Policy 2020 and their beneficial effects, this activity was conducted under Government initiative. 68 students of 9<sup>th</sup> standard of The Somaiya School were guided about the changes in higher education due to NEP 2020. They were provided with the information about the opportunities available for holistic development of the students in the University and student centric changes in National Education Policy 2020 like Apprenticeship Embedded Degree Program (AEDP), Internship, IKS, SWAYAM, Mahaswayam, Vidyalaxmi Loan Scheme, SATHEE etc. They were also guided about how to choose courses of



their choice after 12th.

**Title** – Haldi Kumkum Ceremony

**Date** – 22<sup>nd</sup> January 2025

**Description** - IQAC members welcomed all teaching, non-teaching, and cleantech staff. After the haldi kumkum ceremony ,gifts were distributed . 2 Games were organized and all of the staff members participated and enjoyed themselves. Prizes were given to the winners of the games.



**Title** – Workshop on “Mis-Communication

**Date** – 16<sup>th</sup> April, 2025

**Description** - On 16<sup>th</sup> April, 2025, IQAC member Dr. Smita Paranjape, conducted a workshop for Non Teaching Staff, on ‘Mis-Communication”. She conducted variety of games through which she explained

- What Communication means
- Why it is important
- Which are the various types of communication





- What are the techniques to avoid MisCommunication
- Which skills required to be inculcated
- With respect to workplace

It was well taken by al 43 participants, and suggested to conduct more such workshops every year.

## Department of Lifelong Learning & Extension

**Title:** Gandhi: Myths and Reality

**Date:** 10<sup>th</sup> October 2024

**Description:** Speaker: Prof. Sabiha More, Associate professor, Gandhi Shikshan Bhavan, Smt. Surajba College of Education, Mumbai.

The speaker highlighted how Gandhi's contributions to India's independence and his commitment to nonviolence are undeniable, but also emphasized how his life has been mythologized over time, often obscuring the complexities of his thoughts and actions. 61 students were present for the seminar.



**Title:** Voting Rights Poster

**Date:** 25<sup>th</sup> October 2024

**Description:** For raising awareness about voting rights students made posters and displayed in the college. Making a poster encouraged students to become more engaged with civic responsibilities and their constitutional rights.



**Title:** Financial Literacy



**Date:** 18<sup>th</sup> December 2024

**Description:** Speaker: Mr. Amit Dixit, Assistant Professor, Dept. of Commerce, the speaker for this session began by explaining key financial concepts, focusing on budgeting and planning for both short-term and long-term goals. Participants learned about different saving and investment options, as well as strategies for reducing debt and building a strong credit history. Real-life examples and case studies highlighted how making smart financial decisions can lead to greater financial stability and independence. 27 participants were present for the seminar.

**Title:** Pre -Udaan Poster competitions

**Date:** 8<sup>th</sup> January 2025

**Description:** D.L.L.E. unit organized a poster competition for D.L.L.E. students. Total 7 students participated in the competition. The event was named as 'Pre-UDAAN' poster competition. The aim of the competition was to select students who would represent the college in the poster competition of 'UDAAN - the flight of extension', an annual extension work festival of

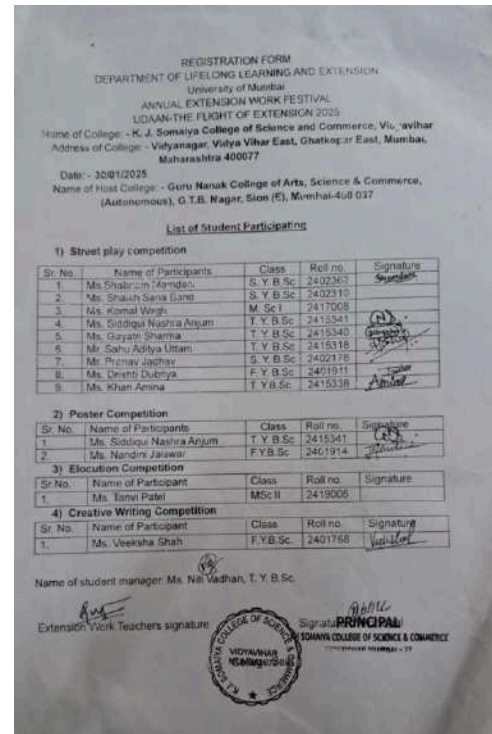


D.L.L.E. held during the months of January-February.

**Title:** Udaan Festival: The Flight of Extension

**Date:** 30<sup>th</sup> January 2025

**Description:** Udaan, an intercollegiate festival by D.L.L.E., brings together students from 21 colleges to compete in Skit and Poster Competitions, promoting confidence, teamwork, and awareness of social issues. This year, KJSSC had 9 students in the skit competition, 2 in poster making, 1 in elocution, and 1 in creative writing, along with a faculty member. Sis. Tanvi Patel won the silver medal in elocution on the topic *Women Empowerment*, making the college proud. There were 14 beneficiaries.



## Diksharambha

**Title** - Under-graduate Induction Programme

(F.Y.B.Sc. and F.Y.B.Com.)

**Date** 5<sup>th</sup>,6<sup>th</sup> and 11<sup>th</sup> July 2024

**Description-** The induction programme for F.Y.B.Sc. and F.Y.B.Com. students (141 - F.Y.B.Sc and 114-F.Y.B.Com beneficiaries) started with the Somaiya Campus prayer followed by a welcome address by the Principal Dr. Pradnya Prabhu. Agenda of the induction was to introduce the new incoming batch of first year students with new NEP guidelines, curriculum, infrastructure, working facilities and resources available in the College. Principal also interacted with the parents. The session conducted thereafter by the IQAC Coordinator Shabib Khan, gave an overview of the achievements, ranking and the quality maintained by the College. This was followed by various sessions on International relations, Sports and RiiDL. Students enthusiastically continued to attend the sessions conducted by different committees such as NSS , NCC , Exam cell , DLLE , IIC on the second day



and sessions on yoga , nutrition , environment awareness and Code of Conduct committee on the third day.

**Title** - Post-graduate Induction Programme (M.Sc.)

**Date** - 10<sup>th</sup> July 2024

**Description** -The induction programme for M.Sc (I) students (78 beneficiaries) started with the Somaiya Campus prayer and welcome address by the Dean Academics Dr. Smita Survase. The whole gathering of students was addressed by our honourable Provost Sir Dr Raghunath K. Shevgaonkar and students were left with the thoughts to ponder upon for pursuing research. Later students were briefed about working of the institute by IQAC Coordinator (Shabib Khan), NEP Guidelines (Dean Academics, Dr. Smita Survase), Research opportunities (Dean Research, Dr. Rohit Chouhan), NET / SET (Dr. Shanti Upadhyay), Exam cell (Dr. Yogesh Ghalsasi), NPTEL (Dr. Afsar Ali), IIC (Mr. Jaydeep Wable), Placement (Mr. Robin prince Edward). Students got an idea about the opportunities they could avail of in India as well as abroad and





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plan their career accordingly	
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## Mentor Mentee Committee

**Title** – A session on Mentorship Program- a pathway to mindful change and innovation

**Date** – 23<sup>rd</sup> September 2024

**Description** - Dr. Sabaa Reshma Khatib, a consulting homeopath and a stress counselor, commenced the session by highlighting the importance of mental health among today's youth and the unique challenges faced by teenagers, including changes in language, idols, and attention spans, requiring a sensitive approach. She explained the mentor-mentee relationship and emphasized key qualities of a good mentor, such as knowledge, supportiveness, trustworthiness, patience, empathy, good communication, and the ability to inspire. The session, attended by 22 faculty members, concluded with an engaging Q&A, addressing genuine concerns faced by teacher mentors and providing practical insights



**Title** – “Elevating Voices- Offences against Women” a session on POSH Awareness for

Students

**Date** – 10th February 2025

**Description** - The Mentor Mentee committee organised this event for all the students. Dr Krishna shetty introduced the very sensitive issue by quoting some real court cases. Then he explained the significance of the POSH act, clearly stating what comes under POSH and what doesn't. Students were informed whom to approach and how to give a written complaint. They were also told what happens in case of a false complaint. The students had lots of queries, which were patiently answered by the speaker. This session was attended by 129 students.



## Competitive Exam Coaching Committee

**Title** - Orientation session for all TY Life science students

**Date** - 5<sup>th</sup> July 2024

**Description** - The session was attended by T.Y. students from the Zoology, Botany, Microbiology, and Biochemistry departments. The speaker provided an insightful overview of key competitive exams in life sciences, such as NET, SET, GATE, and JAM, and highlighted premier institutes and the courses they offer to guide students in making informed career choices. The talk was delivered in a simple and engaging manner, sparking active participation and a flurry of enthusiastic questions from the students.



**Title** - Orientation session for all M.Sc. Life science students

**Date** - 30<sup>th</sup> August 2024

**Description** - The session was attended by 78 M.Sc. students from the Zoology, Botany, Microbiology, and Biochemistry departments. The speaker provided a comprehensive overview of key competitive exams in life sciences, such as NET, SET, GATE, and JAM, and highlighted premier institutes and their courses to inspire students in making informed career choices. Delivered in a simple and engaging manner, the talk sparked active participation, with students asking numerous questions, all of which were patiently addressed by the speaker. The session's presentation was later shared by the convener for future reference



**Title** - UPSC/MPSC: An alternative Career Path with Great Responsibilities and Impact.

**Date** - 21st January 2025

**Description**- This session on UPSC/ MPSC as a career path was organized for all UG students. The speaker belonged to Unique academy that





is renowned for its competitive examination coaching all over India. Sir gave a beautiful introduction to the audience by giving them a reality check about salary packages in various fields. He emphasized on the power and glory that comes with an IAS or IPS officer. All this really captured the attention of the audience. Sir then elaborated on the UPSC and MSC examinations, the dates, the paper pattern, the marking scheme, the preparation required etc. He gave real examples of successful students whose life has changed because they cleared UPSC and MPSC. 70 students attended this session.

## Career Katta

**Title** – Classroom Orientation for Career Katta Activities

**Date** – 20<sup>th</sup> September 2024

**Description** – Introductory classroom orientation session was organised to give information to students about Career Katta App and add-on courses. Additionally, Class-wise WhatsApp groups were created to provide daily updates regarding the career katta activities. Total number of students enrolled – 1402.



**Title** - Career Parliament 2024-25

**Date** - 16th July 2024

**Description** - Career Parliament was constituted and 10 students, 9 girls and 1 boy were allotted different Parliamentary ministries. Our Parliament student Sis. Gauri Gholap secured 3rd rank at district level in documentary competition organized by Career Katta



**Title** - Interview of I.P.S

**Date** - 8th August 2024

**Description** - An interactive session was held with Mr. Altap Shaikh, Assistant Director at ICLS Mumbai, focusing on the preparation for competitive exams. Mr. Shaikh shared invaluable experiences that extended beyond career guidance, offering insights into leadership development, ethical practices, and societal awareness. His session provided students with a holistic perspective, encouraging personal growth alongside academic and professional preparation.



**Title** - Vidyarthi Sanwad Upakram

**Date** - 23<sup>rd</sup> September 2024

**Description** - As a part of Vidyarthi Sanwad Upkram, Mr. Yashwant Shitole, President, MITSC visited and guided our students regarding utilization of technology, career development resources and encouragement for innovation. This session was attended by IIO students.



**Title** - Voting Rights Poster Campaign

**Date** - 25<sup>th</sup> October 2024

**Description** - For raising awareness about voting rights students made posters and displayed in the college. Making posters encouraged students to become more engaged with civic responsibilities and their constitutional rights.



**Title** - Lecture on Financial Literacy

**Date** - 18<sup>th</sup> December 2024

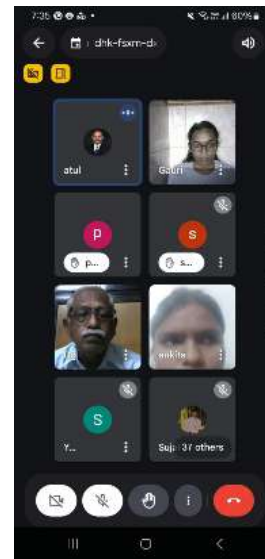
**Description** - A lecture on financial literacy was conducted to help students to improve money management skills and preparation for future financial needs.



**Title** - SWOT Analysis of Mumbai District

**Date** - 27 December 2024

**Description** - The Career Katta program, focusing on the SWOT analysis of all districts in Maharashtra, saw active participation from our Career Parliament students. Among them, Sis. Gauri Gholap and Sis. Ankita Dedhiya presented the SWOT analysis of Mumbai district.



## Cultural Forum and Marathi Vangmay Mandal

**Title** - Shiv-Rajyabhishek Din

**Date** - 6<sup>th</sup> June 2024

**Description** - Shiv-Rajyabhishek Din was celebrated to raise awareness about the importance of Chhatrapati Shivaji Maharaj's Rajyabhishek. The event, attended by 15 students and 5 staff members, began with a campus prayer and included various presentations on Shivaji Maharaj's life and legacy. Dr. Jitendra Pendharkar discussed the significance of Shiv Rajyabhishek and key events in Shivaji Maharaj's life, followed by insights on forts, Ganimi-Kava, and military strategies. Students shared their views, and the session ended with a vote of thanks from Mr. Mayur Madhav.



**Title** - Guru Poornima Celebration

**Date** - 20<sup>th</sup> July 2024

**Description** - The Guru Poornima event emphasized the importance of a guide in life. Ms. Chitra Trehan, Dean, Student welfare, highlighted the values of punctuality, hard work, and respect for mentors. Teachers such as Ms.



Aarati Kore and Ms. Meenakshi Wagh shared their insights on the role of guides. The event also featured a cultural program with group dance and singing, followed by a vote of thanks from students. The event, attended by 36 students and 16 staff members, reinforced the significance of mentors.

**Title** - Inauguration of CF-MVM 2024

**Date** - 8<sup>th</sup> August 2024

**Description** - The inauguration of the Cultural Forum and Marathi Vangmay Mandal at the college began with a campus prayer and the lighting of the lamp by Principal Dr. Pradnya Prabhu. In her inaugural speech, she officially declared the launch of these cultural initiatives. The event featured a variety of performances, including singing, skits, solo and group dances, and instrumental music. The event, attended by 137 students and 24 faculty members, provided students with insights into the cultural activities at the college while allowing them to enjoy live performances.



**Title** - Krishna Janmashtami

**Date** - 28<sup>th</sup> August 2024

**Description** - The event featured performances by students, including solo and group dances, a skit raising awareness about the true meaning of Dahi Handi, and an instrumental performance. A quiz was also organized for the students, followed by a vote of thanks. Over 120 students participated in the event, which showcased their talents through dance, singing, and skits, all centered around the theme of Krishna Janmashtami.



**Title** - Ganesh Chaturthi

**Date** - 4<sup>th</sup> September 2024

**Description** -. The festivities began with a Lezim dance at the college gate, followed by a gathering in the Seminar Hall. The program started with a campus prayer and the recitation of two Aartis dedicated to Lord Ganesh. Performances included semi-classical dances by Ms. Aishwarya and Ms. Vikashanka, a solo dance with a sword by Ms. Rakshabha, and group singing. A short film showcasing the Ganesh



festival celebrations in Mumbai was screened, followed by a group dance by Yahvi and her team, and instrumental music by Joshua and his group. The event concluded with a quiz session and a vote of thanks by Mr. Omkar Medhekar, the CS of the Cultural Forum. The event saw the participation of 156 students and 6 staff members.



**Title** - CL meet of cultural forum

**Date** - 26<sup>th</sup> October 2024

**Description** - More than 20 college CLs took active participation in the CL meet. Various activities were organized for CLs like games and cultural events. The theme of this year was declared to be Wed o Mania. All competitions and rules related with inter collegiate competition Phoenix were explained to them. The banner and the brochure were released.



**Title** - CL meet of Marathi Vangmay Mandal

**Date** - 29<sup>th</sup> October 2024

**Description** - The meeting of contingent leaders for the cultural forum was held in which more than 20 college CLs took active participation. Various activities were organized for CLs like games and cultural events. The theme of this year was declared to be Maitra. All competitions and rules related with inter collegiate competition Asmita were explained to them. The brochure was released.



**Title** - Maharashtra chi Khadya Jatra by Marathi Vangmay Mandal

**Date** - 4<sup>th</sup> December 2024

**Description** - The banner reveal event and Khadya-Jatra was organized in which various Maharashtrian dishes were prepared and sold by students. The dishes like Puranpoli, Solkadi, Modak, Thalipeeth, Kothimbir vadi etc were on the menu. The banner reveal was celebrated by everyone. The theme of Asmita for this year was decided to be Maitra.



**Title** – Surabhi, Cultural Festival

**Date** - 18-19<sup>th</sup> December 2024

**Description** - Various competitions like mehendi, rangoli, solo singing, solo dance, group dance, essay competition etc were conducted. College days were also celebrated from 17-24<sup>th</sup> December. Mr and Ms Surabhi competition was also organised in three rounds. The last round was conducted on Annual day that is on 24<sup>th</sup> December. Mr ad Ms Surabhi titles were awarded to Mr Swayam Palekar and Ms Tanishq Kumar respectively.



**Title** - Asmita

**Date** - 20-21<sup>st</sup> December 2024

**Description** - Asmita was an intercollegiate competition organized by Marathi Vangmay Mandal on 20 and 21<sup>st</sup> December 2024. The theme was Maitra. Almost 25 colleges took part in Asmita. Various competitions like solo singing, group dance, Rangoli, Face painting, photography, reels making etc were organized. Mr and Ms Asmita competition was also



organized. Mr and Ms Asmita were Mr Swayam Palekar and Ms Riya Kamble. The overall best college Trophy was won by Ruia College.



**Title** - Phoenix

**Date** - 20-21<sup>st</sup> December 2024

**Description** - Phoenix was an intercollegiate competition organized by Cultural Forum on 20 and 21<sup>st</sup> December 2024. The theme was Wed-o-Mania. More than 10 colleges participated in Phoenix. Various competitions like solo singing, group dance, Rangoli, Matka painting, photography, Invitation Card making etc were organized. The overall best college Trophy was won by Lala Lajpatrai College.



**Title** - Annual Day

**Date** - 24<sup>th</sup> December 2024

**Description** - The annual day was inaugurated by lighting of lamps by students and faculty. Various cultural events like skit, solo dance, group dance, and instrumental music were organised. The third round of Mr and Ms Surabhi was also conducted. Awards were given to Surabhi winners and to NCC, NSS students and students who excel in sports. Awards were given to students who won in inter collegiate competitions and Youth fest. The best student award was given to Ms Pearl Correia. Various awards were given to staff for their achievements.



**Title** - Vachan Sankalpa Maharashtra-  
Grantha Dindi

**Date** - 4<sup>th</sup> January 2025.

**Description** - The “Grantha-Dindi” was decorated with colored cloths, flowers and Garlands. Various books on topics like books on Philosophy, Science and Literature etc. were placed in it. The importance of book reading was informed and then precession began with Lezim Pathak. Students, teachers and non-teaching students participated in this Grantha Dindi. It was truly a unique experience received by everyone involved. 46 students and 13 teaching faculty members participated in the dindi.



**Title** - Vachan Sankalpa Maharashtra- Vachan Kaushalya Karyashala

**Date** - 4<sup>th</sup> January 2025.

**Description** - The speakers were Dr Jitendra Pendharkar, Dr Smita Paranjape and Ms Medhavini Khare. They presented various books of different topics and genres. They explained the importance of reading books. Different styles required for reciting different poems based on different meters were explained. Glimps of different styles of books were explained by reading few paragraphs. Students also shared gist of recent books under reading.



**Title** - Vachan Sankalpa Maharashtra- Vachan Parisamvad

**Date** - 9<sup>th</sup> January 2025

**Description** - The speaker for this session was Dr Jitendra Pendharkar. He has a published book on poetry and is also invited at All India Radio for various programs related with poetry. He discussed the importance of reading and writing. Students also shared type of books read by



them. Some students also recited poems. There were 39 students present for this session.



**Title** - Marathi Bhasha Samvardhan  
Pandhravada- Book Exhibition

**Date** - 15<sup>th</sup> January 2025

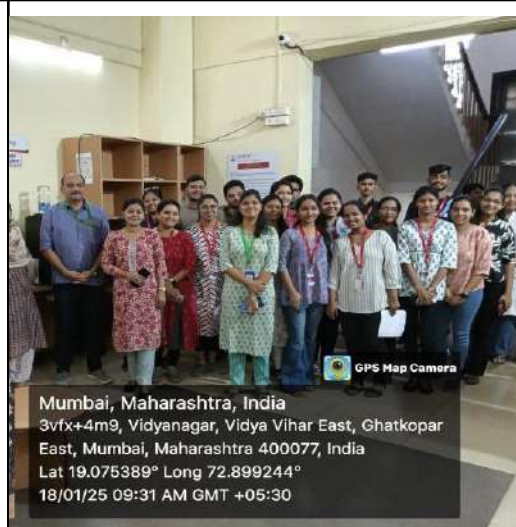
**Description** - The Book Exhibition was organised on the occasion of Marathi Bhasha Pandhravda in the college library. Many students took interest and read a few books in the library. It was a very good experience for students. 33 students visited the exhibition.



**Title** - KavyaVachan - Marathi Bhasha Samvardhan Pandharavda

**Date** - 18<sup>th</sup> January 2025

**Description** - It was a delightful celebration of marathi poetry, aimed at inspiring creativity, fostering linguistic pride, and encouraging participants to express their thoughts and emotions through the beauty of the Marathi language. The competition witnessed enthusiastic participation, with students reciting poems on diverse themes. This event was attended by 26 students and 7 staff members to celebrate and promote the richness of the Marathi language.



**Title** - Marathi Bhasha Samvardhan Pandhravada

**Date** - 21<sup>st</sup> January 2025

**Description** - the "Maharashtra Times" organized the "Shodh Yuva Pratibhecha" (Search for Young Talent) competition, in collaboration with Marathi Vangmay Mandal and Popular Prakashan. Ms Samruddhi Bhoite secured the first prize, while Ms Vaishnavi Shelar won the



second prize. This competition, aimed at providing a platform for college students' creativity, primarily focused on self-composed or self-written literary pieces. The event took place on Tuesday and featured young poet Mr Aditya Davne and Professor Dr. Smita Paranjpe as the judges. Around 30 students pursuing commerce and science presented various forms of literature, predominantly poetry.



**Title** - Shiv Jayanti Celebration - E-poster presentation competition and performances

**Date** - 20<sup>th</sup> February 2025

**Description** - The event commenced with a powerful performance of 'Shiv Garjana'. Students performed a medley of songs that vividly depicted the birth and rise of Chhatrapati Shivaji Maharaj. Subsequently, participants of the competition presented their digital posters, showcasing the glorious life and legacy of Chhatrapati Shivaji Maharaj. In addition, the faculty members spoke about various aspects of Shivaji Maharaj's life, shedding light on his leadership, valor, and contributions to history.



50 students and 6 teaching staff attended this program.

**Title** - Mother Language Day

**Date** - 21<sup>st</sup> February 2025

**Description** - This event was attended by teachers and students of the college. Dr Jitendra Pendharkar discussed various poetic components in many languages. His description of “*Kafiya*” was well supported by quotes collected from literature. Dr. Anshul Gupta in his talk established that the languages get richer by exchange of words. They used the poetic aesthetics of “Mahakavi Bhooshan”. On the other hand, Dr. Rucha Naik illustrated the elements of “Praman Bhasha and Boli Bhasha” in Hindi and Marathi context. 6 Teaching staff and 3 faculty members attended this session.



**Title** - Marathi Bhasha Gaurav Din

**Date** - 27<sup>th</sup> February 2025

**Description** - Smt. Sucheta Nalawde, a lecturer of Marathi Subject, a renowned speaker, the member of Abhyaskram Sanshodhan Mandal-“Balbharati”, narrated the entire life story of Smt. Bahinabai Choudhari. She unfolded the meaning of poems written by Bahinabai and its resemblances in our day-to-day life through singing and storytelling format. 34 students and 39 teaching and non-teaching staff attended this program.



**Title** - Bharat Ratna Dr Babasaheb Ambedkar's Jayanti celebration

**Date** - 15<sup>th</sup> April 2025

**Description** - To honor the legacy of Dr. B.R. Ambedkar, the chief architect of the Indian Constitution, a special event was organised to commemorate his birth anniversary. 27 teaching and non-teaching staff members attended this program. Dr. Ajit Katdare shared insightful reflections on Dr. Ambedkar's educational



journey, emphasizing how his life serves as a beacon of inspiration for all. Dr. Pendharkar recited a heartfelt poem dedicated to Dr. Ambedkar. Several non-teaching staff members also came forward to share their thoughts and personal reflections on Dr. Ambedkar's legacy, making the event more engaging and inclusive.

**Title** - Alankar- for staff members

**Date** - 22<sup>nd</sup> April 2025

**Description** - Alankar is a platform for artist performers to showcase their talents of performing arts. This time it is organized by the cultural forum only for teaching and non-teaching staff. 35 staff took active participation in it.



## Grievance Redressal and Anti-ragging Committee

**Title** - 'Safe Campuses, Happy students'

**Date** - 9<sup>th</sup> August 2024

**Description** - The resource person for the seminar was Dr. Sameer Velankar, Dean Department of Commerce, Guru Nanak Khalsa College, Matunga. He commenced the session with a comprehensive overview of ragging, its historical context, and the reasons behind its prevalence in educational institutions. He elucidated the various forms of ragging, emphasizing its negative impacts on student's physical, emotional, and psychological well-being. He highlighted the importance of creating a safe and conducive learning environment for all students. He further explained the legal framework surrounding ragging, including the UGC and state-level anti-ragging committees. He emphasized the role of these bodies in providing justice to victims of ragging and the stringent punishments imposed on offenders. He also shed light on the functions of the Grievance Redressal Cell within the college and the procedures for students to lodge complaints and seek assistance



in case of ragging incidents. The session was interactive and informative.

**Title -** Poster Competition

**Date -** 25<sup>th</sup> September 2024

**Description -** A poster competition was organized by the Grievance Redressal and Anti-ragging Committee in the month of September on the following themes:

1. Creating a bully free campus and stop ragging.
2. Know Your Rights
3. From Fear to Freedom through Grievance Redressal

10 entries were received. The Committee members unanimously screened the posters and selected the winners. It was decided to felicitate the prize winners during the annual day, publish the posters in the college magazine and also frame the posters and display them in the college to spread awareness.



**Title** - Poster Display in the College Building

**Date** - 13<sup>th</sup> September 2024

**Description** - Poster Frames were displayed in strategic locations on all the floors of the college, to ensure that students read them and are aware of the ill effects of Ragging. Also, in case of difficulties, they can approach the Grievance cell. The contact details of all the committee members were also displayed along with the posters.



## Code of Conduct Committee

**Title** - Session on Code of Conduct

**Date** - June 2024

**Description** - Class wise sessions emphasized the importance of adhering to the institute's disciplinary rules and regulations, with strict action for non-compliance. Key points included maintaining attendance, proper use of I-cards, and the procedure for replacements. Students were instructed to avoid anti-institutional or immoral activities, ensure decent attire, and keep cell phones switched off in classrooms, labs, and the library. Academic responsibilities such as avoiding malpractices and adhering to assignment and project deadlines were highlighted. Hygiene and cleanliness were stressed, including proper disposal of litter, using designated washrooms, and conserving electricity. Students were also advised to avoid negative remarks about the college on social media and seek clarification directly for dispute resolution.



**Title** - Session on Code of Conduct for F.Y.B.Com & F.Y.B.Sc (2024-2025) during Induction Programme

**Date** - 5<sup>th</sup> July 2024

**Description** - Approximately 600 undergraduate students attended the session. This session introduced students to the Institutional Code of Conduct, emphasizing adherence to rules, regular attendance, and ID card usage. Students were instructed to maintain discipline, proper attire, and campus cleanliness, avoid malpractice, and meet academic deadlines. They were reminded to respect hygiene protocols, conserve resources, and refrain from unsubstantiated criticism of the college on social media. For disputes, students were encouraged to seek clarification directly from the institute. The session aimed to foster responsibility and uphold the institution's values.



**Title** - Session on Code of Conduct for Parents/Guardians

**Date:** 14th and 21st September 2024

**Description** - The session began with the





Campus prayer and a welcome address. Parents and guardians were reminded of their shared responsibility with the faculty and institution for the education of their wards. They were encouraged to ensure their wards' regular attendance and to maintain respectful and professional relationships with the college staff, faculty, and security personnel. Parents were also advised to refrain from negative or baseless criticism of the college or its employees on social media and to seek clarification directly from the institute to resolve disputes amicably. The session concluded with a vote of thanks. Approximately 150 parents were present for the session.

## Internal Complaint Committee

**Title** - Gender Intelligence

**Date** - 9<sup>th</sup> August 2024

**Description** – A talk on ‘Gender Intelligence’ was organized for the faculty and support staff. The session commenced with what gender intelligence means and its significance in the current scenario. Dr Shirodkar gave an insight on the understanding and impact of gender intelligence on 4 P’s viz Profit, Productivity, Purpose and People in the corporate sector by citing three significant success stories namely American Express, Deloitte and BMO Financial Group.



**Title** - POSH Awareness- The What, Why and How?

**Date** – 25<sup>th</sup> November 2025

**Description** – A talk on ‘POSH Awareness-The What Why and How’ was jointly organized by The Internal Complaint Committee and IQAC for the faculty and support staff members. The session commenced with the Ruchika Girhotra case 1990 involving molestation and the importance of Section 354 of the IPC dealing with the crimes of outraging a woman’s modesty through assault or criminal force. He also briefed





the audience about the constitutional role and responsibilities of the IC and the procedure adopted for filing of complaints, the penalties imposed on the employer thereafter and the consequences of filing false complaints.

## Career Guidance And Placement Cell

**Title:** Mastering Softskills: The Key to Professional and Personal Success

**Date:** 16th July 2024

**Description:** The Career Guidance and Placement Cell, in collaboration with the Departments of Chemistry and Commerce, organized a seminar titled "Mastering Soft Skills: The Key to Professional and Personal Success." Dr. Priyanka Mathur Dhingra, Founder and Mentor of Marketing 360.in, was the keynote speaker. The seminar focused on enhancing critical soft skills such as communication, emotional intelligence, teamwork, leadership, and adaptability. Dr. Dhingra shared practical tips for self-awareness, empathy, and conflict resolution, engaging students with role-playing exercises. She emphasized the importance of adaptability and resilience in today's fast-paced professional world. The seminar concluded with a Q&A session and left participants with valuable strategies for improving their soft skills. Around 80 students attended, benefiting from Dr. Dhingra's insights into personal and professional growth.



**Title:** Workshop on master software and get job placement.

**Date:** 24th July 2024

**Description:** On 24th July 2024, a workshop on "Mastering Software and Getting Job Placement" was organized by the Student Council. The workshop, led by the Candela Infotech team, including Mr. Srinivasan Ramaswami (CEO), Mr. Mukesh Kumar, Mr. Sandeep Tiwari, and Mr. Abhishek Jha, aimed to equip students with essential software skills for career readiness. The session covered topics such as IT basics, AI, machine learning, HTML, CSS, and cybersecurity, with practical demonstrations on website creation and SQL databases. Interactive activities, including suggestions for improving the college website, engaged students. The workshop provided valuable insights into technology and career opportunities, benefiting 48 undergraduate students and enhancing their readiness for the IT job market.



**Title:** Career and research opportunities in chemical sciences

**Date:** 28th November 2024

**Description:** Dr. Tabrez Khan, Associate Professor at IIT Bhubaneswar and an alumnus of KJ Somaiya College, was the chief guest. Dr. Khan delivered an engaging lecture, sharing his academic journey, including multiple post-doctorate degrees, and emphasized the vast career opportunities in chemistry. The event, attended by 83 students, concluded with an inspiring message for the students. The seminar aimed to enhance participants' knowledge and foster collaboration in the field of chemistry.



## Mulya Pravah

**Title:** Step towards a drug free life for the students

**Date:** 2<sup>nd</sup> September 2024

**Description:** This session was conducted by Mrs. Kushbu Gadiya, Entrepreneur, COO Intuit Learning Centre, Mumbai. The event delved into the multifaceted dangers of drug abuse, exploring the detrimental effects on both physical and mental health. Participants gained insights into the potential legal consequences and the devastating impact that drug abuse can have on social relationships. To empower participants, the workshop emphasized the importance of recognizing early signs of drug abuse and provided practical prevention strategies. It also highlighted the availability of support resources, offering guidance on seeking help and accessing treatment options.



**Title:** Gandhi: Myths and Reality

**Date:** 10th October 2024

**Description:** The talk was delivered by Ms. Sahiba More, Associate professor, Gandhi Shikshan Bhavan, Smt. Surajba College of Education, Mumbai. The session dwelled into Mahatma Gandhi's life and legacy which have been subject to a great deal of mythologization, often obscuring the complexities of his thought and actions. This session was attended by 61 students and 5 staff members.



**Title:** Holistic-Fitness Connecting Body, Sport, Nutrition and Mind

**Date:** 21<sup>st</sup> January 2025

**Description:** On 21st January 2025 the Mulya Pravah, Value Education committee organized a session on "Holistic Fitness: Connecting body, sport, nutrition and mind". The event was conducted at the Chemistry Seminar Hall. Dr Ravindra Kumar Singh, Director, Sports and Physical education, KJSSC



## Alumni Association

**Title** - Alumni reunion 2024- Meghdoot

**Date** - 10<sup>th</sup> August 2024

**Description** - The event began with alumni interacting with faculty members from various departments, followed by a cultural program themed "Meghdoot". Principal Dr. Pradnya Prabhu encouraged alumni to strengthen their ties with the college and contribute to its development. Dr. Chitra Kamath, Coordinator of the Alumni Association, expressed gratitude for the alumni's participation, while Secretary Adv. Mr. Vishwanath Mannadiar stressed the importance of alumni involvement. Several alumni, including Mr. Parin Mehta and Ms. Swati Rajak, performed songs. This event was organised in collaboration with the Department of chemistry, Club React.



**Title** - Sports day event for Alumni

**Date** - 14th December 2024

**Description** - the college's annual Sports Day. This special occasion provided a wonderful opportunity for alumni to relive their college memories through active participation in sporting events.

Dr. Ravindra Kumar Singh played a key role in planning and organizing the event. His support and coordination were instrumental in the smooth execution of the activities.

A total of 36 alumni had registered for the event, out of which 21 actively participated. Three engaging events were organized for the alumni:

1. 100-meter Running Race
2. Tug of War
3. Cone Agility Drill

The alumni enthusiastically participated in all the events. The atmosphere was filled with energy and nostalgia as the games brought back fond memories of their student days.

Winners were felicitated with prizes and certificates in recognition of their efforts and



enthusiasm. The event concluded on a cheerful note, fostering a sense of camaraderie and reconnecting alumni with their alma mater.


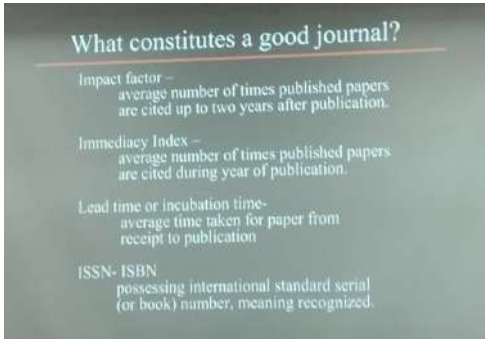
**Title** - Guest lecture on Japanese Management

**Date** - 16th April 2025

**Description** - Mr. Swapnil Parshurami, alumnus 2007 Batch. MSc Analytical Chemistry, MBA, Currently Senior Manager Nagase India Pvt Ltd. was invited to introduce key concepts of Japanese Management to contribute to organizational efficiency, employee satisfaction, and long-term success. He also elaborated on the discipline, work ethics, and cultural values deeply rooted in Japanese management practices, offering an enriching perspective on their influence in business operations and professional conduct. 20 faculty members attended this session.



## Research Promotion Committee

<p><b>Title-</b> CAS SciFinder</p> <p><b>Date</b> – 28<sup>th</sup> October , 2024</p> <p><b>Description</b> – The workshop on the use of CAS SciFinder was organized to provide participants with comprehensive knowledge of the SciFinder tool. SciFinder, a product of Chemical Abstracts Service (CAS), is a powerful research discovery tool that allows users to access a vast database of chemical substances, reactions, references, and other scientific information. The workshop aimed to enhance the research capabilities of students, and faculty by enabling them to efficiently search for and retrieve scientific information.</p>	
<p><b>Title-</b> Navigating Scientific Excellence through Impact Factor and Consultancy Opportunity</p> <p><b>Date</b> – 18th January, 2025</p> <p><b>Description</b> – Prof Bhanage delivered his talk highlighting the influence of journal impact factors, the H-index, and consultancy and its role in evaluating research quality, academic credibility, and professional expertise. Journal impact factors measure the average citation</p>	 <p><b>What constitutes a good journal?</b></p> <ul style="list-style-type: none"><li><b>Impact factor</b> – average number of times published papers are cited up to two years after publication.</li><li><b>Immediacy Index</b> – average number of times published papers are cited during year of publication.</li><li><b>Lead time or incubation time</b> – average time taken for paper from receipt to publication</li><li><b>ISSN- ISBN</b> – possessing international standard serial (or book) number, meaning recognized.</li></ul>

count of articles in a journal, reflecting its overall influence. The H-index assesses an individual's research productivity and citation impact, helping gauge their scholarly contributions. Consultancy, on the other hand, bridges academia and industry by applying research expertise to solve practical problems. Together, these metrics and activities shape a researcher's reputation, funding opportunities, and career growth in academia and beyond.

**Title-** Opportunities for Interdisciplinary collaboration for Research

**Date** – 27th February, 2025

**Description** – Prof Neetin Desai referred to the process of Translational research and its key components viz basic and applied research, commercialization and real-world-impact in order to understand the fundamental principles, develop solutions based on the principles , to convert solutions into products and services and to address societal problems. Sir then went on to highlight the importance of translational research which helps in bridging the gap , boosting innovation, accelerating economic growth , in enhancing education and workforce





development and global competitiveness. He also mentioned how this research supports New India, aligning it with the vision of Atmanirbhar Bharat contributing in solving India's unique challenges in healthcare, agriculture, energy and environment and the challenges it throws like funding issues, collaboration barriers, regulatory challenges and the clamour for skilled workforce.

## CUBE

**Title-** Orientation program for FYBSc Students

**Date** – 2<sup>nd</sup> September , 2024

**Description** – Brief introduction of the CUBE (Collaborative Undergraduate Biology Education) biological lab was given by Dr.Vikrant Deshmukh,convenor of CUBE committee and Mr.Ashutosh Mule, Coordinator of CUBE in this orientation program. They gave an overview of the CUBE Lab: Briefly described the purpose and objectives of the CUBE lab. Goals and Objectives: Outline the main goals of the activities conducted during the reporting period. Discussed the different types of research skill and different types of experiments. Highlight key findings, data, and any interesting observations. Discussion on the enrollment process in CUBE was also done



## Avishkar

**Title** - Aavishkar- A research project in commerce

**Date** - 14th August 2024

**Description** - Dr. Jyoti Jangir, Head, Aavishkar committee MODEL COLLEGE, was invited as a resource person to conduct a session on Avishkar- Research Projects for Commerce students. The speaker highlighted the different aspects of Aavishkar projects such as its connection with the social issues, students participation at various levels in Aavishkar competition, identifying the research problem etc. The speaker also discussed the steps for participating in the Aavishkar competition right from the submission of proposals to the project submission. The rules pertaining to the research project were also discussed. The session was followed by a question and answer session. No of Beneficiaries: 44



## Exam Cell

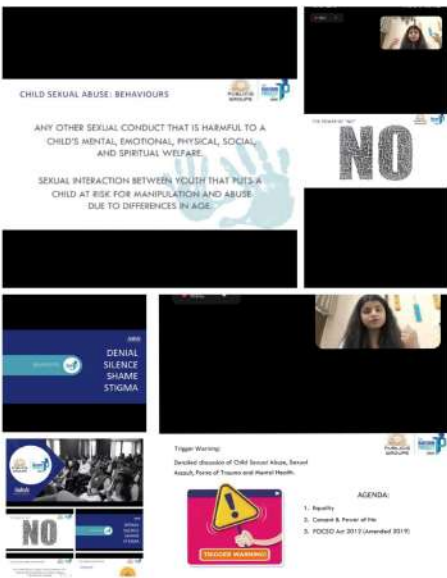
**Title** - Session on Managing exam stress

**Date** - 04th October 2023

Resource Persons - Ms Vaidehi Bhanushali, Ms Preet Thakkar, Ms Krupa Mamaniya. To guide fy students on how to manage exam related stress. A session about “Managing exam stress” was conducted where fy students were guided on how to manage exam stress and tips and tricks to have better planning and goal setting. Session was interactive which involved students insight to difficult situations they may face related to exams. Session included discussion on how to understand your emotions, regulate them and navigate your way through it. At the end of the session relaxing meditation was conducted and also taught to students which they can use when they feel stressed.



## National Service Scheme

<p><b>Title</b> - Child Abuse: Awareness and Prevention</p> <p><b>Date</b> - 20th June 2024</p> <p><b>Description</b> - The NSS unit organized an enlightening and impactful webinar on "Child Abuse: Awareness and Prevention" in collaboration with Sakshi NGO. The guest speaker Ms Paavni Sharma aimed to educate participants on the various forms of child abuse, its signs, consequences, and the steps that can be taken to prevent it. The webinar saw a participation of NSS volunteers, students, and faculty members. An interactive Q&amp;A session followed, where participants actively engaged with the speakers, seeking clarification on various aspects of child abuse and sharing their perspectives. The event successfully achieved its objective of raising awareness and equipping participants with the knowledge to prevent and address child abuse. There were six beneficiaries. Six volunteers participated in this activity.</p>	
<p><b>Title</b> – Yoga Day Celebration</p> <p><b>Date</b> – 21st June 2024</p>	

**Description** - The NSS unit organized a Yoga Day celebration to commemorate International Yoga Day. This event aimed to promote physical and mental well-being through the practice of yoga among students. It not only raised awareness about the benefits of yoga but also fostered a sense of community and well-being among the participants. There were twelve beneficiaries.

**Title** - Old Age Home Visit

**Date** - 6th July 2024

**Description** - The NSS unit organized a visit to Karuneshwar Old Age Care House. The visit aimed to sensitize students about the challenges faced by the elderly and teach them to respect, care for, and listen to them. The volunteers engaged in conversations to learn from the seniors' experiences and advice. The visit fostered a strong bond between the volunteers creating lasting memories. The experience left a deep impact on volunteers and inspired them to continue serving the elderly community. The programme was undertaken at a community level. There were fourteen beneficiaries.



**Title** - Seedball Making Activity**Date** -13 July 2024

**Description** - The NSS unit organized a seed ball making activity by a resource person Mrs. Rashmi Joshi who is an environmental consultant. This event aims to protect the seeds by preventing them from drying out in the sun, getting eaten by birds, animals or from blowing away. It was enjoyed by the students and the importance of this activity as it is a primary step against deforestation. The NSS unit plans to bombard the seed balls by organizing a monsoon trek. There were thirty-seven beneficiaries.

**Title** -Tree Plantation Activity**Date** -6th July 2024

**Description** - The NSS unit organized a "tree plantation." The event focused on environmental conservation and community engagement. Various native tree species were planted, contributing to the local ecosystem and promoting green spaces in the area. The NSS Unit actively engaged in digging, planting, and watering the saplings under the guidance of Prabhat Sir, emphasizing the



importance of tree plantation for a sustainable future. The event concluded with a sense of accomplishment and a commitment to continue nurturing the planted trees for years to come. The programme was undertaken at a community level. There were thirty beneficiaries.

**Title** - Seedball Bombing Activity

**Date** -21st July 2024

**Description** - The NSS unit participated in a workshop on 'Sensitization Towards Persons with Disability' in collaboration with Chehak Trust. The aim of the workshop was to raise awareness about disabilities, dispel stereotypes, and foster empathy. Expert speakers shared insights, personal experiences, and best practices for inclusive interactions. Volunteers participated in various activities related to the difficulties faced by disabled people in their day to day lives. The workshop successfully sensitized participants to the challenges and strengths of disabled people. Volunteers also vowed to create a more inclusive society, promote equal opportunities, and celebrate diversity. The programme was undertaken at a community level. There were 21 beneficiaries.



**Title** - Mahim Beach-Cleanup

**Date** -18th September 2024

**Description** - The NSS volunteers participated in a Beach Clean-Up Activity which was a collaboration with the United Nation Foundation, to clean the beach, to decrease the problems caused by debris and other waste garbage and mainly to control plastic pollution in the ocean. We received expert guidance on the impact of occasional activities on beach litter. Our instructors provided comprehensive information on strategies for individuals and the community to adopt, highlighting key factors contributing to this environmental concern. Their educational efforts enabled us to grasp the intricacies of this issue and develop effective solutions. The volunteers managed to collect tons of waste which mainly included plastic and occasional decoratives. Cleaning was done for 2 hours, by the volunteers.



**Title** - Experimental Workshop On Disability

**Date** -20th September 2024

**Description** - The NSS unit participated in Sensitization Towards Persons with Disabilities, in



collaboration with Sahyog Trust. This event aims to foster understanding and empathy towards individuals with disabilities, empowering us to create a more inclusive environment. The resource person's first build and brush up our knowledge and enhanced with some quiz and discussion on our experience. They organized sensitization activities, engaging all volunteers in a transformative experience. Through empathy-driven exercises, we gained valuable insight into the lives of individuals with disabilities, understanding their challenges and perspectives. With compassion and expertise, they crafted sensitization activities that immersed volunteers in the world of individuals with disabilities. The programme was undertaken at community level. There were sixty-two beneficiaries.



**Title** - Girgaon Beach-Cleanup

**Date** -22nd September, 2024

**Description** - The NSS unit organized a Beach Clean-Up Drive at Girgaon chowpatty in collaboration with Group Dynamic. This initiative aimed to promote environmental awareness and community engagement. Volunteers actively participated in collecting plastic waste, Ganesh idols and other debris from the beach, fostering a sense of responsibility towards nature. The event highlighted the importance of preserving marine ecosystems and encouraged participants to adopt sustainable practices. Through this hands-on experience, volunteers committed to ongoing environmental stewardship and community service. There were forty-six beneficiaries.





**Title-** Beyond Fake News: Unmasking Misinformation with Critical Thinking

**Date** -27th September, 2024

**Description** - The NSS unit organized an enlightening workshop on "Beyond Fake News: Unmasking Misinformation with Critical Thinking". The aim of this workshop was to impart knowledge among the volunteers to recognise the difference between fake news and manipulated news, and how to identify and deal with them. The Guest Speaker, Ms Sangita Chaudhari, came up with eye opening examples on the consequences of spread of fake news on individuals as well as the society. The key takeaways of this workshop were the importance of critical thinking and media literacy, the use of fact-checking tools and techniques, and the tips on how to verify information online. This workshop successfully equipped volunteers with the knowledge and skills to not only identify but to combat fake news as well. The programme was undertaken at community level. There were sixty-eight beneficiaries.

**Title** - Shore Walk

**Date** -14th December, 2024

**Description** - The NSS volunteers held a Shore walk allowing the individual to enjoy nature and provide an opportunity to observe wildlife, collect seashells and stones. Vivid organisms such as different types of crabs bubbler crabs hermit crabs moon crabs sand bubbler crabs and others such as spiral melongena Babylon shell pistol shrimps were seen at the spot. Observation of "Barnacles", the marine crustacea that attach themselves to hard surfaces showing hard calcareous shells, also came to notice. Things were made simple and the observation was easy to understand thanks to the professor who guided us throughout the shore. In conclusion, shore walking offered a unique and enriching experience to volunteers that connects them to nature while promoting physical and mental well-being. The programme was undertaken at university level. There were thirty-four beneficiaries.



**Title - Blood Donation Camp**

**Date - 16th Dec, 2024**

**Description -** Blood Donation Camp was organized by Terapanth Yuvak Parishad to promote voluntary blood donation. Healthcare professionals conducted an orientation session, and a medical team ensured safe, hygienic procedures. NSS volunteers actively assisted, reflecting their commitment to community service. Donors received certificates and refreshments, inspiring many first-time participants. The event successfully reinforced the spirit of compassion and service, with hopes for more such initiatives in the future.



**Title - Tata Marathon**

**Date - 19 th Jan ,2025**

**Description -** On January 19th, 2025, NSS volunteers from K.J. Somaiya College of Science and Commerce actively participated in the Tata Marathon 2025, supporting its smooth execution. They managed interactive games, crowd control, and assisted at the finish line, creating a welcoming and safe environment. Their teamwork and enthusiasm were praised by organizers and participants. The event also helped volunteers develop valuable organizational and leadership skills, reflecting the NSS unit's commitment to community service and large-scale event support.



**Title** - Road Safety Workshop

**Date** - 30 Jan, 2025

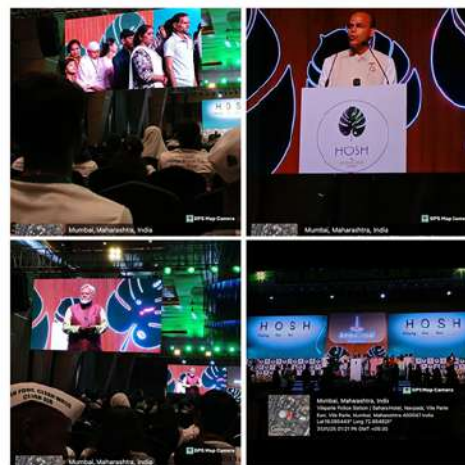
**Description** - The NSS unit of KJ Somaiya College of Science and Commerce, in collaboration with United Way Mumbai, organized a road safety seminar to raise awareness about traffic rules and safe driving. Students learned about road signs, speed limits, and defensive driving, followed by a quiz to reinforce key concepts. The event emphasized the importance of cautious and responsible behavior on the road, encouraging students to adopt safer practices in daily life. There were 64 beneficiaries.



**Title** - HOSH Conclave

**Date** - 31 st Jan, 2025

**Description** - The NSS unit of KJ Somaiya College of Science and Commerce participated in the HOSH Conclave on 31st January 2025 at Sahara Star, Mumbai. Nine volunteers engaged in discussions on social and environmental issues, sharing impactful college initiatives. The event offered valuable insights, networking opportunities, and reinforced their commitment to community service, aligning with the NSS motto: *Not Me, But You.*



**Title** - Sports Day for Specially Abled

**Date** - 2nd Feb, 2025



**Description** – The NSS Unit of K.J. Somaiya College of Science and Commerce, in collaboration with Sahyog Chehak Trust, organized a Sports Day for specially-abled students. The event featured fun, inclusive games designed to boost confidence and promote social interaction. NSS volunteers enthusiastically supported and encouraged participants, creating a joyful and energetic atmosphere. The event was a heartwarming success, reinforcing the importance of inclusivity, compassion, and community engagement.



**Title** - Blood Donation Camp

**Date** – 6th Feb, 2025

**Description** –

The NSS Unit of K.J. Somaiya College of Science and Commerce, in collaboration with Somaiya Blood Bank, organized a Blood Donation Camp to promote voluntary donation and raise awareness. NSS volunteers actively campaigned through social media and campus drives, encouraging participation. A qualified medical team conducted health screenings to ensure donor safety. Volunteers managed logistics, guided donors, and maintained hygiene protocols. The event saw enthusiastic participation from students, faculty, and staff, making the drive a success and highlighting the NSS team's commitment to social welfare.



**Title** - Sports Day for Specially Abled

**Date** - 9th Feb, 2025

**Description** - The NSS Unit of K J Somaiya College of Science and Commerce, in collaboration with Sahyog Chehak Trust, organized a Sports Day for specially-abled students, offering a fun, inclusive environment with tailored games. With active volunteer support, the event boosted confidence, encouraged social interaction, and brought joy to all participants. The success of the event reinforced the values of empathy and inclusivity, leaving a lasting impact and inspiring future initiatives.



## National Cadet Corps

**Title** - Beach Cleaning Program

**Date** - 12<sup>th</sup> August 2024

**Description** - On the 12th of August, a Swachhta campaign was held at Girgaon Beach, organized by the 1 MAH Girls Battalion NCC. Somaiya College Cadets actively participated in this event. The campaign began at 7:00 AM and saw enthusiastic participation from all involved. The event aimed to raise awareness about cleanliness and environmental conservation, focusing on keeping public spaces clean and free from pollution. Cadets worked diligently to clean the beach area, collecting waste and promoting the importance of maintaining hygiene in public areas. Their efforts were part of a larger national movement to promote Swachh Bharat, aligning with the government's ongoing initiatives. The program also emphasized the role of youth in leading by example and contributing to the well-being of society. There were fifteen beneficiaries.



**Title** – Har Ghar Trianga Abhiyan

**Date** – 14<sup>th</sup> August 2024

**Description** - On 14<sup>th</sup> August, Rally started from Nariman Point at 3:30pm to Marine Drive. Indian Flags were given to the cadets to showcase the Abhiyan. The special attraction was Assam Band



**Title** – Independence day celebration

**Date** – 15<sup>th</sup> August 2024

**Description** –On 15th August, the KJSSC Girls NCC unit proudly stood in the Independence Day Contingent, showcasing their discipline, unity, and patriotism. Our chairman Shri Sameer Somaiya hosted a 100 feet flag and then the celebration went on with many cultural and physical activities. Secretary of Somaiya trust Lt.Gen. Jagbir Singh Sir H.S Colon and Subhedar Major Vishnu Jadhav and other all respected principals were present in this annual event. Entire Somaiya Vidhyavihar



celebrated 78 years of Independence on 15th August 2024. From KJSSC Girls NCC Unit total 50 cadets along with Ex cadets were present with ANO Lt.Dr.Rohini Kasabe. Their performance was a tribute to India's independence, highlighting the values instilled in them through their rigorous training and commitment to the nation.

**Title** – International Yoga Day

**Date** –21<sup>st</sup> June 2024

**Description** –

On 21<sup>st</sup> June KJSSC Girls NCC unit participated in the International Yoga Day Event at D.Y Patil Stadium, Nerul. 29 cadets went for this event to the venue. The event was conducted on a large scale by the NCC Dte Mah. With the appx 600 cadets vacancies for the event. Cadets actively participated in this event and made it a huge success.



**Title** – National Sports Day

**Date** –29<sup>th</sup> August 2024

**Description** – On 29<sup>th</sup> August 2024, National Sports Day was organized by KJSSC Gymkhana & NCC unit.

Program was started with a dance performance of students after the guest speech. All staff members and students walked 400m to promote a FIT INDIA activity. In the seminar hall, the athletes who have represented the district at the national level were awarded scholarships worth up to 30 thousand. Along with these, there was a small session on a diet plan given by P.E. head of KJSSC



**Title** – Shastra Pujan Celebrations

**Date** – 11<sup>th</sup> October 2024

**Description** – On 11th October 2024, the K.J. Somaiya College of Science and Commerce NCC Girls Unit celebrated Shastra Poojan with great enthusiasm. This event honored the tools and weapons we use, embodying the values of discipline and dedication. The celebration highlighted the significance of our equipment, likening the rifle's revered status in Army culture to that of NCC



cadets. Approximately 50 cadets participated, performing puja for the Shastra we rely on throughout the year. A special moment of the event was the felicitation of GSUO Hiral Kataria for her outstanding achievement in IDSSC by our esteemed ANO, Lt. Dr. Rohini Kasabe Ma'am.



**Title** – Blood Donation Camp

**Date** – 27<sup>th</sup> November 2024

**Description** – The KJSSC Girls NCC Unit, led by ANO Lt. Dr. Rohini Kasabe, organized a successful Blood Donation Camp on November 27, 2024. Cadets and faculty participated enthusiastically, supported by medical staff who ensured donor safety through health checks. Donors received certificates and refreshments. NCC cadets actively raised awareness, encouraging participation. The event effectively promoted the importance of blood donation and collected vital units to support the community.



**Title** – Empowerment of girls NCC

**Date** – 30<sup>th</sup> November 2024

**Description** – On November 30, 2024, the NCC Directorate of Maharashtra held a seminar titled



"Empowering Girl Cadets through NCC" at KC College, Mumbai. Inaugurated by Maharashtra Governor C.P. Radhakrishnan, the event emphasized women's empowerment through NCC. Lt. Gen. Gurbirpal Singh highlighted success stories of girl cadets in diverse fields, while Maj. Gen. Yogender Singh thanked all contributors for making the seminar a success.



**Title** – Interaction Session with the Hon'ble Secretary of the Somaiya Trust

**Date** – 9<sup>th</sup> January 2025

**Description** – On January 9, 2025, the KJSSC Girls NCC Unit, along with ex-cadets and ANO Lt. Dr. Rohini Kasabe, organized an interaction session with Hon'ble Secretary Lt. Gen. H.S. Kahlon. Principal Dr. Pradnya Prabhu welcomed the guests, and cadets presented their achievements. Major Satish Shekhawat and Lt. Gen. Kahlon addressed the audience, followed by a Q&A session. The event concluded with a vote of thanks and the NCC song, inspiring cadets and broadening their leadership horizons.



**Title** – Inspirational Music Workshop

**Date** – 16<sup>th</sup> January 2025

**Description** –

On January 16, an Inspirational Music Workshop featured Ameya Dabli and Chief of Defence Staff Gen. Anil Chauhan. Gen. Chauhan interacted with NCC cadets, sharing inspiring life experiences and emphasizing that "success is a matter of choice, not chance." The patriotic concert promoted unity and harmony, leaving a lasting impression on all attendees.



**Title** – Republic Day 2025

**Date** – 26<sup>th</sup> January 2025

**Description** – K.J. Somaiya College celebrated the 75th Republic Day with great enthusiasm, featuring a flag unfurling, guard of honour, and a parade by the KJSSC Girls NCC Unit. Over 100 cadets, including ex-cadets, participated. Institutes across Somaiya Vidyavihar joined, presenting cultural performances. The NCC Unit also gave a Bayonet fighting demonstration, offering insights into army life and combat.



**Title – Career Katta**

**Date – 25 february 2025**

**Description –** K.J. Somaiya College participated in the prestigious Career Katta event, with 1 MAH GIRLS BN cadets serving as dedicated volunteers. They ensured the smooth execution of the program and performed piloting duties for Chief Guest Uday Samant, Minister of Marathi Language. The volunteers followed all protocols and facilitated the visit with professionalism, gaining valuable experience and expressing gratitude for the opportunity.



**Title – NSG Hub Visit**

**Date – 4<sup>th</sup> March 2025**

**Description –** On March 4, 2025, the KJSSC Girls NCC Unit's 4 Firing Cadets visited the NSG Hub. Major Parth Patel introduced the NSG's role, followed by demonstrations of zip-lining, wall climbing, and bomb disposal techniques. The team showcased their weapons, tactical skills, and precision firing in various scenarios. The visit offered





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cadets valuable insights into the expertise, discipline, and dedication of NSG personnel.	
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## Innovation and Incubation Cell

**Title** – Inauguration of E-Cell

**Date** – 30th September 2024

**Description** – the inauguration was done in the presence of Dr. Rohit Chauhan, Dean Research. Letter of appointments to the new team and Letter of Recommendations to the last year team was given during the programme. The Startup Innovation sprint and PPT presentation were organised to boost the morale of our college students. Winners were: 1. Ms Prerana Gupta & Mr. Omkar Medhekar



**Title** – Innovation - “A Motivational Speech” My Success Story

**Date** – 30<sup>th</sup> September 2025

**Description** – The Speaker for this session was a Somaiya alumni, Mr.Amit Shah, the Founder and CEO of OFFEE, Orage Digital Private Limited. He Explained his overall journey from a backbencher to becoming a CEO and a Founder of OFFEE.



**Title** – Innovation Showcase

**Date** –

**Description** – The Innovation Showcase aimed to provide a platform for students to exhibit their entrepreneurial spirit, creativity, and innovative ideas by setting up business stalls on the college campus. This event was designed to foster a culture of innovation and allow students to present their business concepts, products, or services to the college community. By offering a space for



networking, learning, and collaboration, the event encourages students to Sharpen their entrepreneurial skills, receive feedback, and gain valuable exposure.



**Title** – E-Summit

**Date** – 7<sup>th</sup> & 8<sup>th</sup> February 2025

**Description** – Various intercollegiate competitions were conducted

1. Shark Tank Somaiya
2. Treasure Hunt
3. Pitch a Prototype
4. Ad-Storm
5. ReBrand It-Logo Challenge

From 11 different colleges more than 100 participants were registered and participated in the event. Most popular





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event was “Shark Tank Somaiya”.	
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## Gymkhana

<p><b>Title</b> - Annual Sports Day</p> <p><b>Date</b> - 14th December 2024</p> <p><b>Description</b> - 37 students participated in Athletics, 25 faculty &amp; Staff participated in Toss cricket Men, 17 faculty &amp; Staff participated in Toss cricket Women</p>	 <p>A photograph showing a group of students and faculty members running on a red athletic track. A GPS overlay at the bottom of the image provides the following information: Mumbai, Maharashtra, India; 3vfk+76x, Vidyanagar, Vidya Vihar East, Ghatkopar East, Mumbai, Maharashtra 400077, India; Lat 19.073557° N Long 72.897952° E; 14/12/24 11:07 AM GMT +05:30.</p>
<p><b>Title</b> - International Yoga Day Celebration</p> <p><b>Date</b> - 21st June 2024</p>	 <p>A photograph of a yoga session in progress. A woman in a white t-shirt is speaking into a microphone. Behind her is a large screen displaying a presentation slide. The slide is titled "Celebration Of International Yoga Day '21st June'" and lists the date as 21/06/2024, time as 12:30 pm - 1:00 pm, and venue as 1st floor Somaiya hall. It also lists the organizers: Dr. Ravindra Kumar Singh (Gymkhana Head), Mrs. S. S. Kulkarni, and Dr. Prakash Prabhu. A GPS overlay at the bottom of the image provides the following information: Mumbai, Maharashtra, India; 3vfk+4M9, Vidyanagar, Vidya Vihar East, Ghatkopar East, Mumbai, Maharashtra 400077, India; Lat 19.07533° N Long 72.896284° E; 21/06/24 12:48 PM GMT +05:30.</p>



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**Title - Seminar Cum Workshop On**  
**Health & Fitness Components 2024-25**



## Gurudakshata

**Title** - Seminar on Bloom's Taxonomy

**Date** - 20<sup>th</sup> August 2024

**Description** - The Gurudakshata Committee organized a Seminar on Bloom's Taxonomy. Dr. Trupti Tawde, Asst Professor, Department of Chemistry, IQAC member elaborated on the various aspects of Bloom's taxonomy, Outcome based education, learning outcome based-curriculum framing, constructive alignment between curriculum, assessment, and teaching pedagogy. 23 faculties attended the seminar. Dr. Archana Padgaonkar, Asst Professor, Department of Commerce, Convener, Code of Conduct conducted the second session on the Code of conduct for teaching faculty. Dr. Geeta Nair, Asst Professor, Department of Physics, Controller of Examinations, conducted the third session to focus on examinations. She informed the participants that all evaluation should be based on rubrics, manuscripts should be made in sets of 3, all CIE data should be properly maintained.



## Library

**Title** - National Youth Day

**Date** - 13-15<sup>th</sup> January 2025

**Description** - The event was organised by the Library Development Committee & Library. The inspiration to the youth by Swami Vivekananda books in the library was showcased for the KJSSC students. Books such as Inspiring thoughts, Raj yoga, Karma yoga, Bhakti yoga, Jnana yoga, Brahmacharya, speeches of Swami Vivekananda. 90+ students, faculty and non-teaching staff attended the event.



**Title** - Pustak Parikshan- Joys of Reading

**Date** - 9<sup>th</sup> January 2025

**Description** - It was organised by the Library Development Committee and Library department. The activity was a presentation of book reviews organised under the Vachan Sankalp Maharashtra programme initiated by Government of Maharashtra, Department of Higher and Technical education. Ten students presented their reviews on a book of their choice. 50+ students and faculty and



non-teaching staff attended the programme.

**Title** - Samuhik Wachan Diwas

**Date** - 1<sup>st</sup> January 2025

**Description** - Samuhik Wachan Diwas was organized by the Library development committee. The students sat in their respective classrooms, laboratories and library and enjoyed reading books on various topics of their interest. Books were issued from the library. Around 200 students from various departments participated in the activity. The activity was organised as a part of Wacha Sankalp Maharashtra celebrations



**Title** - Vivid Bhashanche Granth Pradarshan

**Date** - 13-15<sup>th</sup> January 2025

**Description** - An exhibition of books in regional Languages such as Hindi, Marathi and Gujarati was held in the college library. It was visited by around 100 students, faculty and non-teaching staff. The books are repositories of Indian culture, traditions, folklore and cultural diversity.



**Title** - Library Orientation and Training for faculty members.

**Date** - 12<sup>th</sup> - 29<sup>th</sup> March 2025

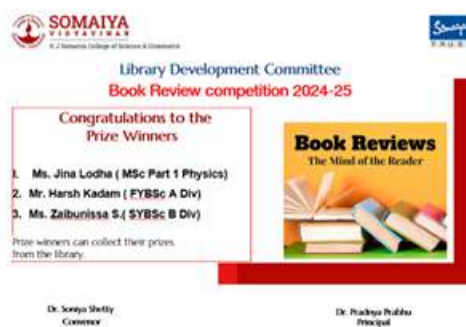
**Description** - The training was conducted by Assistant librarian Mrs. Sameera Samant. She demonstrated how to access library accounts, use of OPAC and Bookworm software, N-list and J gate and many other online resources. These databases include thousands of e-books, e-journals of national and international level of different subjects. More than 50 faculties benefited.



**Title** - Book review competition for staff and students.

**Date** - Second term 2024-25

**Description** - Book review competition for staff and students was organized by the Library Development committee and Library. The competition was open to staff and students. Sixteen students participated. All book reviews were in English. The judges screened the reviews, and the final decision of prize winners was made by the judges. Winners were given books and



certificates.

**Title** - Reading in the world of Netflix distraction- National Librarians' Day celebration.

**Date** - 12<sup>th</sup> August, 2024

**Description** - On the occasion of National Librarians' Day, an informative talk on 'Reading in the world of Netflix distraction' was delivered by Mr. Amrut Deshmukh. The talk aimed to inspire students to read books which help them to make decisions in life. There were a total of 60 participants.



## Tarangan

**Title** - Tarangan

**Date** - June to December 2024

**Description** - The departments of Botany, Chemistry, Physics, Mathematics, Microbiology and Zoology participated in the "Social Outreach Programme" of K. J. Somaiya College of Science and Commerce by offering guidance and assistance in learning to the resident SSC students of different BMC schools in and around Kamraj Nagar, Ghatkopar. For this purpose, students T.Y.B.Sc. volunteered to teach the topics from all subjects in Xth standard. The teachers guided the student volunteers regarding conducting the classes. Student volunteers discussed and taught various concepts, conducted quizzes, home assignments and solved past Board papers. The school students appreciated, showed interest and requested for more such lectures. Students of Chemistry covered topics on Metallurgy, Carbon Compounds and periodic classification. Students of Botany covered topics on social health and disaster management. Students of Zoology topics on Heredity and Evolution and Processes in Living Organisms. Students of Mathematics





<p>covered topics on Algebra(Linear Equations in two variables, Probability) and Geometry(Similarity and Trigonometry). Students of Physics dealt with the introduction of space missions, astronauts, types of satellites, types of rocket, ISRO, gravitation and Refraction of light. Students of Microbiology covered prebiotic foods,enzymes, fermentation, useful bacteria etc. No of Beneficiaries:16</p>	
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## Research Report 2024-25

### Scopus Publications

- 1) Thermal and Dielectric Properties of EuF<sub>3</sub>: Gd@ Tryptophan  
Manoj P Mahajan, MM Khandpekar, Aniket A Pawanoji  
Journal of Physics: Conference Series, 2024 (1) 012008
- 2) Green synthesis of multifunctional from cinnamon (cinnamomum verum) extract-functionalised CdS nanoparticles for In-vitro biomedical, photocatalytic degradation and photoelectrochemical applications  
Komal VR Jarhad, Aniket A Pawanoji, Pranali SS Parab, Amol S Pawar  
BioNanoScience, 2024 15 (1) 155.
- 3) Peepal (Ficus religiosa) leaf extract mediated green synthesis of lanthanum and cerium oxide nanoparticles: Characterization and potential biological applications  
Pranali parab, Aniket Pawanoji, Amol Pawar  
Indian Journal of Chemistry, 2024 63 (1) 15-20.
- 4) Neem extract-mediated La (III) and Ce (IV) oxide nanoparticles probing for their dielectric and biological applications  
Pranali S Parab, Aniket Pawanoji, Amol S Pawar, Manoj P Mahajan  
Iran. J. Chem. Chem. Eng. (IJCCE) Research Article 2024 (43) 4.
- 5) Synthesis and Antimicrobial Evaluation of (E)-2-(4-((4-((1-(2,4-Dichlorophenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)methyl)-2-methoxyphenoxy)-methyl)-1H-1,2,3-triazol-1-yl)-N-Phenylacetamide Derivatives  
C. T. Mascarenhas, J. B. Wableb, H. N. Akolkar, N. R. Darekar and Pr. J. Prabhu  
Russian Journal of Organic Chemistry 2025 (ASAP)
- 6) Insecticidal activity of isoborneol derivatives against *Musca domestica* adults and *Culex quinquefasciatus* larvae  
Sujata V. Bhat, Manisha O. Gupta, Roman Pavela, Chitra R. Kamath  
Environmental Science and Pollution Research 2024
- 7) Copper (I) Complexes Derived from 1, 1'-Bis (diphenylphosphino) Ferrocene and Their Derivatives: Synthesis, Structure and Catalytic Studies for One-Pot Synthesis of Benzofuran  
S.P. Yadav, D. Sahil, C. Dash, S. Choudhary, A. R. Choudhury, R. S. Chauhan  
Catalysis Letters 2024 (154) 2080-2089

- 8) Reactivity of 5-Methylpyridyl-2-Selenolate with Platinoid Metal Precursors: Isolation of Tri and Hexanuclear Complexes via Se-Se and Se-C Bond Cleavage  
S.V. Lokhande, A.Y. Kulkarni, A. A. Siddiki, R. J. Butcher, R. S. Chauhan  
Journal of Cluster Science 2024 (35) 1549-1560
- 9) Platinum (II) complexes derived from 4, 6-dimethylpyrimidine-2-thiolate: syntheses, structure and anti-tubercular studies  
S.V. Lokhande, A.A. Siddiki, A. P. Singh, R. S. Chauhan  
Journal of Organometallic Chemistry, 2024, 123194
- 10) Fabrication and structural studies of spin-coated cobalt ferrite layers  
**Ketankumar Gayakvad**, Ketaki Ketan Patankar<sup>1</sup>, Sunil Swami, Jyoti Devkar and Vikas Mathe, Suranaree  
J. Sci. Technol. 2024 31(3) 030206 (1-5).

#### UGC Care List

- 1) The estuarine plastics menace: Insights into prevalence, characterization and polymeric risk assessment of microplastics in the Mahi River estuary, Gujrat, India  
Mr. Rishiraj Duggal  
Elsevier, Marine Pollution Bulletin 2024
- 2) Plant-mediated synthesis of AG-CU-ZN nanoparticles using Antigonon Leptopus flower extract and its bioefficacy  
Dr. Vikrant Deshmukh  
Acta Biomed 2024
- 3) Bioactive potential with antimicrobial activity of selected gastropod *Euchelus asper*  
Dr. Vikrant Deshmukh  
International Journal of Life Sciences, 2024 (12) 29-41.
- 4) Study on distribution pattern of Zooplankton community structure in Thane Creek, Maharashtra, India  
Dr. Vikrant Deshmukh  
International Journal of Life Sciences, 2024;12(3):363-378
- 5) Phthalic Acid Esters accumulation and biodegradation in Mesozooplankton: A comprehensive review  
Dr. Vikrant Deshmukh



Int. Res. J. of Science & Engineering, 2024 (12)

- 6) Study on Phytoplankton community in Thane Creek along Maharashtra Coast, India  
Dr. Vikrant Deshmukh  
Int. Res. J. of Science & Engineering, 2024 (12) 6
- 7) Study on distribution pattern of Zooplankton community structure in Thane Creek, Maharashtra, India  
Ms.Roshni Yadav  
International Journal of Life Sciences, 2024 (12) 363-378.
- 8) A review on Meiobenthic assemblage and its significance in the ecosystem  
Dr. Vikrant Deshmukh  
International Journal of Life Sciences, 2024 (12) 409-418.
- 9) Phthalic Acid Esters accumulation and biodegradation in Mesozooplankton : A comprehensive review  
Ms.Roshni Yadav  
Int. Res. J. of Science & Engineering, 2024 (12)
- 10) Study on Phytoplankton community in Thane Creek along Maharashtra Coast, India  
Ms. Roshni Yadav  
Int. Res. J. of Science & Engineering, 2024 (12) 6.
- 11) A review on Meiobenthic assemblage and its significance in the ecosystem  
Ms.Roshni Yadav  
International Journal of Life Sciences,2024:12(4):409-418

### **Conference Paper**

- 1) Surface Morphology of Sb Based III-V Semiconducting Substrates Grown by VDS  
Dilip S Maske; Anshul Gupta; Manisha Deshpande; Dattatray Gadkari  
68th solid state physics symposium at BARC (18-22 Dec 2024)

### **Consultancy**

- 1) Bacteriological Water Analysis of Eklavya Sports Academy  
PI : **Dr. Lolly Jain**  
Consultancy Agency: **Mr Azaz Khan Director, Eklavya Sports Academy**

- 2) Environmental monitoring and bacteriological analysis of equipment of Eklavya Sports Academy

**PI : Dr. Lolly Jain**

Consultancy Agency: **Mr Azaz Khan Director, Eklavya Sports Academy**

- 3) Microbiological testing of water sample from Somaiya Vidyavihar campus

**PI: Dr. Lolly Jain**

Mr. Dinesh Acharya General Manager-Infrastructure and Security, Grounds & Security, Somaiya Vidyavihar

### Book Chapter

Name of the teacher	Title of the book published	Title of the chapters published	Year of publication	ISBN number	Name of the publisher
Pooja Nandi,	Journal of Emerging technologies and Innovative research	Innovative Assessment Methods for India's New Education Policy – 2020	2024	2349-5162	JEITER
Mr Shabib Khan	Current research on bioprospecting and its applications (Vol II)	Bioprospecting of biosurfactants derived from halophilic organisms: An Ecofriendly and sustainable strategy	2024	81-980173-9-0	Dr N.G.P. Arts and Science college, Coimbatore-48
Ms Versha Peghwal	Current research on bioprospecting and its applications (Vol II)	Phytase enzyme: Advancements in biotechnology for agricultural and nutrition applications	2024	978-81-980173-4-5	Dr N.G.P. Arts and Science college, Coimbatore-48

Jaidip B. Wable and Pradnya Prabhu	S-Heterocycles: Retrospect, Prospects, and Biological Applications	Synthesis, Properties, and Biological Applications of Benzothiophene	2024	978-1-83767-401-5	Royal Society of Chemistry
Rucha Naik and Palavi Raote	Ecology: environment and endangerment	Education for sustainable future: Bridging the green skills gap through green and circular economies	2024	978-93-48059-71-0	Raja Rammohun Roy National Agency

### Patents Filed

- 1) 1,2,3-triazolyl-pyrazolone compounds as therapeutically active agents

Date of application: 25/07/2024

Mr. Jaidip Wable and Dr. Pradnya Prabhu

Nature: Granted

- 2) A method for crab culture and System thereof

Date of Publication: 21/10/2024

Dr. Vikrant Deshmukh, Mr. Ram Salvi

Nature: Published

### Major Grants

- 1) Palynological study of Upper Gondwana successions of Western India

SERB-TARE TAR/2022/000013

Dr. Jyoti Sharma

- 2) Design, Synthesis and Anti-Mycobacterial evaluation of Diversity Oriented Novel Pyrido-Pyrazine Scaffolds.

Dr. Afsar Ali Siddiki

SERB-TARE: TAR/2022/000220

- 3) A Study on the Safety norms in khanavals in Mumbai City

Dr Archana Padgaonkar

### Research Students (Admitted)

S.N.	Department	PhD students (Number)	M.Sc. By research (Number)
1	Botany	41	4
2	Biochemistry	NIL	1
3	Chemistry	41	4
4	Microbiology	06	NIL
5	Zoology	04	NIL

### Seed Money

S.N.	Name	Budget Released (Rs)	Project Title
1	Dr. Nanabhau karanjule	30,000/-	Synthesis of nitrogen containing novel heterocyclic compounds and their evaluation for biological activity
2	Dr. Saurabh Shete	30,000/-	Synthesis of Novel Uredo peptides and Investigation of their Self-Assembly leading to Nanostructure formation as well as their biological activity.
3	Mr. Mithun mondal	30,000/-	Synthesis and Surfactant Properties of Sugar- Based Cationic Surfactant
4	Dr. Trupti Rane	30,000/-	Synthesis of Novel Heterocycles Thiophene derivatives and its anticancer studies.
5	Mr. Jaidip Wable	30,000/-	Synthesis, characterization of paracetamol based 1,2, 3 Triazole by click reaction and to evaluate antibacterial, anti-fungal, anti-inflammatory and anti-cancer activity
6	Mr. Deepak Sahu and Mr. Anirban	30,000/-	Petrogenesis of the mafic igneous rocks near Kharghar-Belapur area, Navi Mumbai and their implications in understanding the Deccan Volcanism: A petrographic and geochemical approach.

7	Ms. Versha Peghwal	30,000/-	Isolation of EPS from probiotic microorganisms and studying its anti-bacterial, anti-fungal, anti-cancer activity and application in food packaging.
8	Ms. Pooja Nandi	30,000/-	Study of indigenous phosphate solubilizing bacteria and fungi from agricultural soils and development of a consortium to replenish soil nutrients.

S.N.	Name	Budget Sanctioned (Rs)	Project Title
9	Dr. Pallavi Raote, Ms. Rucha Naik and Ms Shreya patil (zoology)	30,000/-	Investigating photoluminescence behavior of cadmium- based core-shell nanoparticles and assessing their potential as bioimaging agents.
10	Dr. Rohit Singh Chauhan	30,000/-	Design, Synthesis and Antimycobacterial studies of Novel Drugs for extensively drug-resistant Tuberculosis strains
11	Dr. Shanti Upadhay	30,000/-	Study on microplastic contamination of edible fish available in the local fish markets of Mumbai

### 19<sup>th</sup>-Aavishkar 2025

S.N.	Aavishkar Contribution
1	Total Projects submitted = 26
2	Winner at Zonal Level PPG = 03
3	Winner at University Level =02
4	Participation at State Level = 01