

Vanita Vishram
Women's University
Managed By: Vanita Vishram, Surat

SAPIENCE

E-Newsletter for the
School of Science and Technology

Month: September-November, 2023 Volume: 3, Issue: 2

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*He who can listen to the music in the
midst of noise can achieve great things*

Dr. Vikram Sarabhai

“SCIENCE OF ANCIENT INDIA”

Faculty of Science, School of Science and Technology organized a poster competition on the unique theme of “Science of Ancient India” as a part of project under Indian Knowledge System subject on Wednesday, 25th October, 2023 at Biotechnology Laboratory, Annexure Building, VVWU, Surat. The event was planned and executed by Dr. Urjita Sheth, Head and Assistant Professor, Department of Biotechnology under the guidance of Dr. Manisha Vyas, Dean, Faculty of Science, School of Science and Technology, VVAU with the support and motivation of Honourable Provost Dr. Daxesh Thakar Sir. Under this theme, the topics related to Indian culture were allotted to students. Task of students were to reveal the scientific facts behind their respective topics. Students have participated enthusiastically and fulfilled all the conditions of the competition. Total 132 FY BSc students from the Departments of Biotechnology, Chemistry, Microbiology and Food & Nutrition have participated in groups of 2-4. Dr. Vinita Modh. Dean, SVS and Dr. Pratima Shah, Assistant Professor, Department of English have judged the competition. Total 41 entries were there out of which 5 ranks were given.



VANITA VISHRAM WOMEN'S UNIVERSITY
Managed by: Vanita Vishram, Surat

ESTD: 2023 Y20 G20 ESTD: 1907

School of Science And technology
Faculty of Science

Organizes
A Poster Competition on the topic of
“Science of Ancient India”
As a part of project under IKS

Wednesday, 25 October, 2023 12.00 pm onwards

Patron
Dr. Daxesh Thakar
Hon'ble Provost, VVWU

Dr. R. D. Patel
Registrar, VVWU

Dr. Manisha Vyas
Dean, Faculty of Science
SST, VVWU

Coordinator
Dr. Urjita Sheth
HoD, Dept. of Biotechnology
Faculty of Science, SST, VVWU

Venue
Third Floor, Building C, VVWU

Social Media Handled by IT Cell, VVWU

www.vvurat.ac.in



Department of Chemistry

• An Expert Talk on "Scientific Writing and Plagiarism"

An Expert Talk on "Scientific Writing and Plagiarism" was arranged by Department of Chemistry, Faculty of Science, School of Science and Technology, Vanita Vishram Women's University, Surat on 25th September, 2023 for the Post Graduate Students of Faculty of Science. The Resource Person Dr. Sadafara Pillai, Associate Professor and Chemistry Programme Coordinator, School of Sciences, P.P. Savani University provided guidance to students on the ethical considerations associated with manuscript writing, emphasizing the essential principles and precautions to be observed to prevent plagiarism. The session was attended by approx. 100 students from Chemistry, Microbiology and Food Science and Nutrition Departments. The session proved to be highly advantageous and captivating, serving to enhance students' awareness of academic writing practices that are integral to the preparation of their forthcoming Dissertation and Project Report submissions. The Session was coordinated by Dr. Shital Modi and Dr. Maryam Bagia.



Department of Computer Science

- **KAUSHALYA 2k23 POSTER EXPO**

Department of Computer Science, Vanita Vishram Women's University, Surat organized the **Poster Expo** under the **KAUSHALYA 2023** on Emerging Trends and Technologies on 12th September 2023 Tuesday at the Annex Building - C building, from 10:00a.m. to 03:00p.m. The function began with the ribbon cutting off by **Hon'ble Dr. Daxesh Thakar**, Provost, Vanita Vishram Women's University and Dean - Dr. Nirali Dave, Dept of Computer Science, along with faculty members from all the departments. First Year B.C.A. students have created poster regarding the IT Technologies in group of students. Many students from the different departments with their teachers visited and motivated the students as well they learned new things from our students as well. The Emerging Trends and Technologies – Poster Expo held at Department of Computer Science, Vanita Vishram Women's University, was a significant event that showcased the latest advancements in various fields of IT technology. The expo aimed to provide students and faculty with insights into the cutting-edge developments shaping our world today. This report highlights the key aspects, trends, and technologies presented during the event. The event showcased how emerging technologies like AR/VR, AI, IoT, blockchain, and others are shaping our future. It also emphasized the importance of sustainability, cybersecurity, and responsible technology adoption. Overall, the Poster expo was a resounding success, inspiring innovation, and fostering a greater understanding of the transformative potential of emerging technologies.



• KAUSHALYA 2k23 POSTER EXPO

Department of Computer Science, Vanita Vishram Women's University, Surat organized the **Poster Expo** under the **KAUSHALYA 2023** on Emerging Trends and Technologies on 13th September 2023 Tuesday at the Annex Building - C building, from 10:00a.m. to 03:00p.m. The function began with the ribbon cutting off by **Hon'ble Dr. Daxesh Thakar**, Provost, Vanita Vishram Women's University, and **Shri Deepak N. Khambhati, President**, Vanita Vishram Women's University and Dean - Dr. Nirali Dave, Dept of Computer Science, along with all faculty members of departments. First Year B. Sc.IT. Students have created poster regarding the IT Technologies in group of students. Many students from the different departments with their teachers visited and motivated the students as well they learned new things from our students as well. The Vanita Vishram Women's University Department of Computer Science hosted the Emerging Trends and Technologies – Poster Expo, a noteworthy event that featured the most recent developments in a variety of IT-related subjects. The exhibition sought to give educators and students a better understanding of the cutting-edge innovations reshaping the modern world. The main ideas, developments, and innovations that were showcased at the event are highlighted in this report. The event demonstrated the ways in which cutting-edge technologies—such as blockchain, IoT, AI, AR/VR, and others—are influencing our future. The significance of sustainability, cybersecurity, and responsible technology use were also underlined. All things considered, the poster expo was a huge success, stimulating creativity and raising awareness of the revolutionary possibilities of upcoming technologies.



- **Workshop on Web Development using Asp.Net**

Department of Computer Science at VVWU organized a workshop On Web Development Using Asp.net for TYBCA students on September 14, 2023. Resource person Mr. Kailas Patil from Case point gave knowledge about developing Asp.net websites, desktop applications using Visual Studio, and website customization. In total, 167 students benefitted from the workshop on Asp.net. The workshop was well coordinated by Dr. Nirali Dave, HOD, Department of Computer Science, and Ms. Aashi Parikh and Ms. Shruti Prajapati (teaching assistant in the Department of Computer Science). Seminar was planned with the support and motivation of Hon'ble Provost Sir Dr. Daxesh Thakar sir and under the guidance of Dr. Nirali Dave, Dean, Faculty of Computer Science and Information Technology.

VANITA VISHRAM WOMEN'S UNIVERSITY
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ESTD: 2021

Y20 Azadi Ka Amrit Mahotsav

G20

ESTD: 1907

School of Science and Technology
 Department of Computer Science
 organizes

Workshop On Web Development Using Asp.net

Resource Person
Mr. Kailas Patil
 Technical Trainer
 at Case Point

Thursday, September 14, 2023 10:00 AM Onwards

Thank You

- **Lockdown: Ensuring Your Social Media accounts are Hacker-Proof & The Hidden Dangers of social media: How to Stay Safe online**

Department of Computer Science VVWU Organized seminar on “Lockdown: Ensuring Your Social Media Accounts are Hacker-Proof & The Hidden Dangers of social Media: How to Stay Safe online” for FY BCA and FY BSc.IT students on 14th September (Thursday) at Shiv Gauri Hall. Around 143 students from F.Y.BCA and 129 students from F.Y. BSc.IT participated in this session. Seminar was conducted by Mr. Maulik Shah who brought his expertise and insight into the field of Cyber Security. His extensive knowledge and experience added immense value

to the events. The session was well coordinated by Ms. Aashi Parikh and Ms. Shruti Prajapati (Teaching Assistant in Department of Computer Science). The event was planned with support and motivation of Hon'ble Provost Sir Dr. Daxesh Thakar and HOD Dr. Nirali Dave (Dean – Faculty of Computer Science and Information Technology).



- **Naandi Foundation Skills enhancement Workshop**

The workshop commenced with an overview of the importance of skills enhancement in personal and professional development. Participants were introduced to the concept of lifelong learning and the role of continuous skill development in adapting to changing environments. In total, 300 students benefitted from the workshop. The workshop on skills enhancement provided participants with valuable insights and practical strategies for personal and professional growth. It equipped them with the necessary skills and knowledge to thrive in today's dynamic and competitive environment.



- **Workshop on Android application Development**

The Department of Computer Science at VVWU organized a workshop on Android Application Development for TYBCA students on September 15, 2023. Android Expert Mr. Kartik Thakkar gave knowledge about android app development. The core of the workshop was hands-on practical sessions, where participants applied what they had learned in a real-world context. They worked on individual and group projects, creating functional Android applications under the guidance of instructors. It was a resounding success, empowering participants with the knowledge and skills needed to create Android applications. It served as an effective platform for both beginners to get started and experienced developers to enhance their Android development skills. In total, 236 students benefited from the android workshop. The workshop was well coordinated by Dr. Hemangini Patel (Assistant Professor) and Ms. Aashi Parikh and Ms. Shruti Prajapati (Teaching assistant in the Department of Computer Science). The workshop was planned with the support and motivation of Hon'ble Provost Sir Dr. Daxesh Thakar sir and under the guidance of Dr. Nirali Dave, Dean, Faculty of Computer Science and Information Technology.



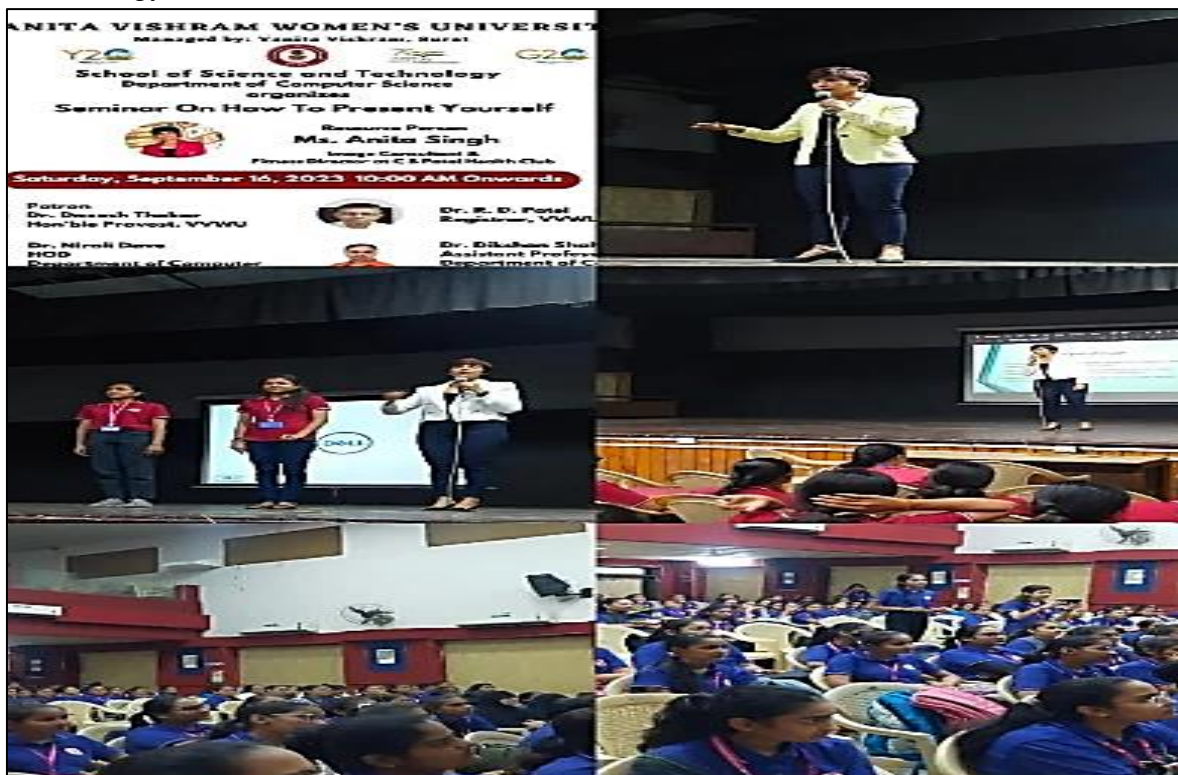
- **Workshop on Selenium Architecture**

The Department of Computer Science at VVWU organized a workshop on Selenium architecture and basics commands for TYBCA students on September 16, 2023. Workshop Expert Mr. Hiren Patel and Mr. Raxil Patel gave knowledge about testing. Attendees with comprehensive knowledge about Selenium, an essential tool in the field of automated software testing. The seminar featured a well-structured agenda that covered various aspects of Selenium testing. The topics included: Type of testing manual testing, performance testing, automation testing, selenium web driver Selenium Architecture, Commands, Methods. In total, 88 students benefited from the selenium workshop. The seminar was well coordinated by Dr. Dikshan Shah (Assistant Professor) and Ms. Aashi Parikh and Ms. Shruti Prajapati (Teaching assistant in the Department of Computer Science). The seminar was planned with the support and motivation of Hon'ble Provost Sir Dr. Daxesh Thakar sir and under the guidance of Dr. Nirali Dave, Dean, Faculty of Computer Science and Information Technology.



- **Seminar on How to present yourself**

Department of Computer Science at VVWU organized a Seminar on How to Present yourself for FY BCA & FY BSCIT students on September 16, 2023. Seminar Expert Ms. Anita Singh gave knowledge about confidence, impact, presentation, attire, persistent, image of yourself. In total, 450 students from the seminar present yourself. The seminar was well coordinated by Dr. Dikshan Shah, Assistant Professor) and Ms. Aashi Parikh and Ms. Shruti Prajapati (Teaching assistant in the Department of Computer Science). The seminar was planned with the support and motivation of Honourable Provost Sir Dr. Daxesh Thakar sir and under the guidance of Dr. Nirali Dave, Dean, Faculty of Computer Science and Information Technology.



- **Industrial visit Dynamic Dreamz**

On 20th September 2023, a group of 50 students, along with 2 faculty members, visited Dynamic Dreamz at Balaji House, Near Udhana Darwaja, Surat, Gujarat 395002. The objective of the visit was to provide students with practical insights into the operations and functioning of an industry, as well as to facilitate learning and career development opportunities. Dynamic Dreamz is an IT company that specializes in. Dynamic Dreamz are the leading WordPress, SHOPIFY, MAGENTO, PHP/MYSQL, BIGCOMMERCE, MOBILE APPLICATION development and UI/UX DESIGN company in India. During the visit, the students were able to observe the company's software development process, Website management and development, marketing and sales operations, as well as the use of technology in the industry. Overall, the industry visit was a great success and provided students with valuable insights into the operations and functioning of an industry. It also served as a source of inspiration and motivation for students who are considering pursuing careers in the field. The visit was a great example of how experiential learning can be used to complement theoretical education, and we look forward to more such visits in the future.



- **Product Management Using SE in Corporate**

The Department of Computer Science at VVWU organized a seminar on product management using software engineering incorporates for SYBCA students on September 22, 2023. Seminar Expert Ms. Pooja Hegde gave knowledge about the relationship between product management and software engineering. Understand how software engineering practices can enhance product management and highlight best practices and case studies from leading corporate organizations. The seminar provided valuable insights into the symbiotic relationship between product management and software engineering. Attendees gained a deeper understanding of how software engineering practices can enhance product development processes, improve product quality, and drive corporate success. The event served as a platform for knowledge-sharing and networking among professionals in the field. Around 120 students benefited from the Software engineering seminar. The seminar was well coordinated by Dr. Dikshan Shah (Assistant Professor) and Ms. Aashi Parikh and Ms. Shruti Prajapati (Teaching assistant in the Department of Computer Science). The seminar was planned with the support and motivation of Honorable Provost Sir Dr. Daxesh Thakar sir and under the guidance of Dr. Nirali Dave, Dean, Faculty of Computer Science and Information Technology.



- **Session on SPSS**

The workshop aimed to provide students with practical skills in utilizing SPSS software for effective Data analysis. Under the School of Science and Technology of Vanita Vishram

Women's University, Department of Computer Science (BCA) has started a new technocratic approach such as 'Campus to Corporate' for their students. The Eminent Speaker Dr. Neha Raval (Assistant Professor), @ VVWU conducted the session. All students attended the session in Computer Lab 1 to 4. The one-day workshop successfully achieved its goal of equipping students with practical data analysis skills using SPSS. Students get knowledge about SPSS, how to use statistical software like SPSS can be a valuable skill for students in various fields, enabling them to analyze and interpret data effectively. If there are specific aspects of SPSS or data analysis that the students found particularly beneficial or challenging, further exploration or targeted assistance in those areas could enhance their understanding. Continuing to practice and apply SPSS skills will reinforce their learning and proficiency in statistical analysis. The speaker explained excellent tricks. Overall, the entire session was delivered so nicely.



• Campus Placement of TY B.C.A

Department of Computer Science Vanita Vishram Women's University, Congratulate the students listed below on their placement at listed companies. University Provost Dr Daxesh Thakar, Department Head Dr Nirali Dave, Department TP Dr Dikshan N Shah, Ms Aashi Parikh & entire staff congratulate above students and wish them for their bright future.

Company Name	List of Students
Dynamic Dreamz Company, Surat	1. Juli Golakiya 2. Janavi Vaghasiya 3. Devanshi Thakkar for BDE 4. Divya Prajapati 5. Sneha Gondaliya

	6. Saloni Kayasth 7. Maitri Savaliya 8. Patel Yashvi
PAR Solution	1. Falguni G Butani 2. Janvi N. Vithani
Tag Line Infotech	1. Vaishnavi Pottabhathini 2. Kakadiya Drashti



• Art of Culture

Report on Exhibition on 'Art of Culture' Event Date: 3rd November, 2023. On the 3rd of November, Under the School of Science and Technology of Vanita Vishram Women's University, Department of Computer Science (BCA) & (M.Sc. IT) hosted Exhibition on "Art of Culture". The focus was on three awesome art styles: Kalamkari, Pithora, and Madhubani. Students of our college did an awesome job. Every painting with stories and cool designs. Students made kalamkari paintings with bright colors and lots of details. "Art of Culture" not only celebrated the artistic brilliance of Kalamkari, Pithora and Madhubani but also served as a cultural Bridge, connecting the college community with the profound stories and traditions embedded in these timeless art forms. The exhibition underscored the importance of preserving and promoting India's diverse cultural Legacy through the medium of art. The exhibition succeeded in creating a shared space where beauty, in all its fleeting forms, could be appreciated and celebrated. In the end, "Art of Culture" was not just about pretty paintings,

was about sharing the cool stories and traditions that make India unique. Event was well coordinated by Ms. Hetal Mehta and Ms. Nimisha Morker.



Department of Food & Nutrition

- **National nutrition month celebration 21-days fitness challenge**

The 21-days challenge, encompassing a daily goal of 10,000 steps, 2-liter water intake, and a 6 AM wake-up time, resulted in transformative outcomes for participants. The event saw enthusiastic participation from professors of the university's, Food and Nutrition Department, faculty members and students from other departments. The challenge not only met its objectives but also cultivated a lasting culture of health and wellness, providing participants with a foundation for sustained healthy lifestyle choices beyond the 21 days. Duration was 1st to 30th September, 2023.



- **National nutrition month celebration millet awareness programme**

The Department of Food and Nutrition conducted an awareness program in various schools of Surat city, aligning with the United Nations General Assembly's declaration of 2023 as the International Year of Millets. The initiative aimed to educate students about the nutritional and health benefits of millets, emphasizing their suitability for cultivation under adverse and changing climatic conditions. Through engaging sessions, the program sought to promote the regular intake of millets in daily meals, highlighting their role in enhancing overall well-being. By raising awareness about the resilience of millets and their positive impact on health, the department aims to contribute to a sustainable and healthier community in line with global efforts for food security and sustainable agriculture. Duration was 1st to 30th September, 2023.



- **Educational Visit - Leaf & Lean Health Cafe**

This is a curricular activity part of the academic subject of Innovative food product development (M.Sc. Sem-I) and food service management (P.G. Diploma). The main objective is to increase understanding of the restaurant context as a site for healthy eating promotion strategies. To acknowledge the students about the concept of healthy cafes, who provide a variety of nutritious and attractively presented food and drinks at a reasonable cost and reinforce the health. Students get new exposure and inspiration about the healthy and delicious cafe. Students can establish and make a bright future as an entrepreneur, a large food industry waiting for them. This visit was conducted on 21st Sep 2023.



- **“AYURNUTRI” Workshop**

"Ayurnutri Workshop" was organized on 22nd Sep 2023 for students of Masters and P.G. Diploma of Food and Nutrition. Along with this, WHO has declared "Year- 2023" as the International Year of Millets, So We can be promoted and incorporated in daily life. The main objective of the workshop of “Ayurnutri” is to combine both Ayurveda and Nutrition for a healthy and nutritious life. The whole workshop was conducted by _Resource person_ - **“Vaidya Medha Patel, M.D (Ayu)”**. Ayurveda places special emphasis on "Ahara" (diet) and "Anna" (food) as a means to good life, health and wellness. Healthy and wholesome food nourishes the mind, body and soul. Vaidya Medha Patel demonstrated seven different nutritious recipes. These recipes are mainly prepared to Focus on promoting balance within your body by following guidelines of the body's specific dosha, or types.



- **“NUTRIJOY RALLY”**

In celebration of National Nutrition Month, the Department of Food and Nutrition orchestrated a vibrant and energetic "Nutrijoy Rally" on September 29, 2023. The rally, which commenced from the university gate, resonated with enthusiastic participants chanting empowering slogans such as "Anna Evo Odkar," emphasizing the importance of food, and "Swasth Tan Swastha Man," underscoring the intrinsic connection between a healthy body and a sound mind. The rally echoed the timeless adage "Health is Wealth," promoting the significance of prioritizing nutrition for overall well-being. This spirited event served as a catalyst for raising awareness about the pivotal role of a balanced diet in maintaining a healthy lifestyle, fostering community engagement in the pursuit of better nutrition.



- **“BALSAMVAD” An event of Child Friendly Smart City Knowledge Centre**

Child Friendly Smart City Knowledge Center, a joint initiative of Surat Municipal Corporation (SMC) and UNICEF which is implemented By Urban Health and Climate Resilience Center of Excellence (UHCRCCE) invited to Department of Food and Nutrition, VVWU to participate in a “Bal Samvad ” at **P. P. Savani Vidya Bhavan** and **Sir. V. D.T Girls High School, Vanita Vishram** on 12th and 18th October, 2023 respectively. The Bal Samvad was attended by a large number of people including students. Various leading fields who work for child welfare set up their stalls for the same. The Department of Food and Nutrition set up their stall to spread awareness regarding “Microgreens and Millets” and assess the nutritional status of students. Around 500-700 students visited our stall and acknowledged the health benefits of millets and microgreens. The Anthropometric data were collected from standard 5th to 9th from both the schools. Nutritional status of the participants was assessed by calculating Body Mass Index (BMI).



- **“World Food Day”: Rice Donation Campaign**

World Food Day is observed to mark the founding of the United Nations Food and Agriculture Organization (FAO) in 1945. On this day, worldwide awareness events are held to push for action for those who suffer from hunger and for the need to ensure healthy diets for all, leaving no one behind. The Department of Food and Nutrition, School of Science and Technology, VVWU drove a campaign to celebrate World Food Day. The goal of this campaign was to collect Rice from 9th to 15th October, and then distribute it to homeless or needy people from 16th October to spread smiles and spark their Diwali. By God's grace, we have received 1200 kgs of rice and 10,000 Rs cash for donation. Volunteers had made seal packed 2 kgs small packets of rice for the easy distribution of it.



Department of Microbiology & Biotechnology

- Inaugural Ceremony of New laboratory facilities**

On 4th Sep 2023 inauguration of new laboratories of microbiology, an instrument room and one preparation room were inaugurated by Shri Kriplani T. Desai (Chairman, Vanita Vishram, President & Board of Management, VVWU) and Shri Pravin T. Vora (Vice-Chairman, Vanita Vishram, Vice-President & Board of Management, VVWU) accompanied by Shri Mahnar Desai (Secretary, Vanita Vishram), Dr. Daxesh Thakar (Provost, VVWU), Dr. R.D Patel (Registrar, VVWU), Dr. Manisha Vyaas (Dean, Faculty of Science, SST), Dr. Pinakin Dhandhukia (Hod, Department of Microbiology), Dr. Urjita Sheth (HoD, Department of Biotechnology and all the staff members of both the departments as well as Denas and faculty members of other schools. All arrangements for grand inauguration were done by UG-PG students, the laboratory Assistants; Ms. Krutika Mardhekar, Ms. Vaishnavi Sorathiya, Ms. Mahima Patel, Kashvi Patel and laboratory peon, Mr. Gaurav Bhadane.



- **Celebration of International Microorganism's Day**

Department of Microbiology celebrated International Microorganisms Day - 2k23 on 16th September, 2023. On this occasion, different Nine competitions were organized and total of around 300 students have participated in various competitions. The whole event was successful with the enthusiastic participation of students from Microbiology, Biotechnology, and Chemistry Department. The event was planned with the support and motivation of Hon'ble Provost Dr. Daxesh Thakar Sir, Dr. Manisha Vyas, Dean, faculty of science, SST, and Dr. Pinakin Dhandhukia, HOD, Department of Microbiology. The event was coordinated by Dr. Swati Patel.



- **An educational visit to “EN-CLER”, Biomedical Waste Private Limited**

Department of Microbiology & Biotechnology organised an educational visit to the “EN-CLER”, Biomedical Waste Private Limited from 16th to 18th Oct 2023 for TY Microbiology, Biotechnology and PGDMLT students. The main of this visit is to make students aware about the what disposal procedures are used for the biomedical waste items and how one can protect his/her self from such hazardous materials while working with it. Though it was not allowed to visit the dry and wet waste plants for the safety reasons so the videos of all these plants were shown to the students. The students were accompanied by Dr. Jinal Naik, Dr. Padmashree Patel, Dr. Avani Shah. The visit was arranged and coordinated by Dr. Ishita Desai.



- **Skill enhancement 36 hours training workshop with Nandi foundation**

The workshop commenced with an overview of the importance of skills enhancement in personal and professional development. Participants were introduced to the concept of lifelong learning and the role of continuous skill development in adapting to changing environments. In total 59 students of TY Microbiology & Chemistry were benefitted from the workshop. The workshop on skills enhancement provided participants with valuable insights and practical strategies for personal and professional growth. It equipped them with the necessary skills and knowledge to thrive in today's dynamic and competitive environment. The training was coordinated by Dr. Hardik Desai & Dr. Hitesh Jasani from 25th Oct to 3rd Nov 2023.



- **Educational visit to Aspee Sakilam Biotechnology Institute**

Department of Biotechnology has organized an educational visit on 27th October 2023, Students from T. Y. B.Sc. Biotechnology has visited Aspee Sakilam Biotechnology Institute. During the visit

they got the chance to see various facilities like, Plant tissue culture lab, Plant transformation lab, Advanced Microbiology lab, Advanced Instruments lab etc. This task was a collaborative effort of the entire Biotechnology department. The programme was planned by Dr. Urjita Seth while coordinated and executed by Dr. Jitendra K Pal under guidance of Dean of SST Dr. Manisha Vyas Madam. We are thankful to our honourable Provost Dr. Daxesh Thakar for their support and motivation.



- **An educational visit to Cotton Research Centre**

On 6th November 2023, Students from T. Y. B.Sc. Microbiology and Biotechnology has visited Main Cotton Research Station, Surat. During the visit they got the chance to see various facilities like, museums, History of wild cotton and hybrid cotton, Cotton research biotech lab, Field visit of cotton plantation experiments etc. This task was a collaborative effort of the entire Microbiology and Biotechnology department. The programme was planned by Dr. Urjita Seth & Dr. Jinal Naik while coordinated and executed by Dr. Hitesh Jasani and Dr. Nimita Umretiya under guidance & support of Dean of SST Dr. Manisha Vyas and Provost Dr. Daxesh Thakar.



FACULTY'S CORNER

Dr. Pinakin Dhandhukiya
HoD, & Assistant Professor,
Department of Microbiology.

✓ **Research Publications**

- Rathod K, Rana S, **Dhandhukia P**, JN Thakker (2023) Investigating marine Bacillus as an effective growth promoter for chickpea Journal of Genetic Engineering and Biotechnology 21 (1), 1-11. IF 3.7 Scopus & WoS (24th November)
- Rathod K, Rana S, **Dhandhukia P**, Thakker JN (2023) Marine Bacillus as a potent biocontrol agent against Fusarium oxysporum f. sp. Ciceris Plant Stress, 100289. Impact factor 5 Scopus & WoS (November)
- Soni N, **Dhandhukia P**, JN Thakker (2023) Carotenoids from marine bacteria: A natural antioxidant and UV protectant. International Journal of Advances in Health Sciences (IJHS) 10 (5), 49-62. (October)
- Rathod K, Rana S, **Dhandhukia P**, JN Thakker (2023) Marine Bacillus subtilis as an effective biocontrol agent against Fusarium oxysporum f. sp. Ciceris. European Journal of Plant Pathology, 1-12. Impact factor 1.8 Scopus & WoS (October)
- Soni N, **Dhandhukia P**, Thakker JN (2023) Carotenoid from marine Bacillus infantis: Production, extraction, partial characterization and its biological activity. Archives of Microbiol 205:161 IF 2.66 <https://doi.org/10.1007/s00203-023-03505-z> IF 2.6 Scopus & WoS (October)

✓ **Research Projects**

- Funding Agency Entrepreneurship Capacity Building Cell under GSBTM, a grant of 2L received for the project “Development of microbial augmented surface coating formulation for civil applications” Oct 2023 Ongoing

✓ **Other Funding**

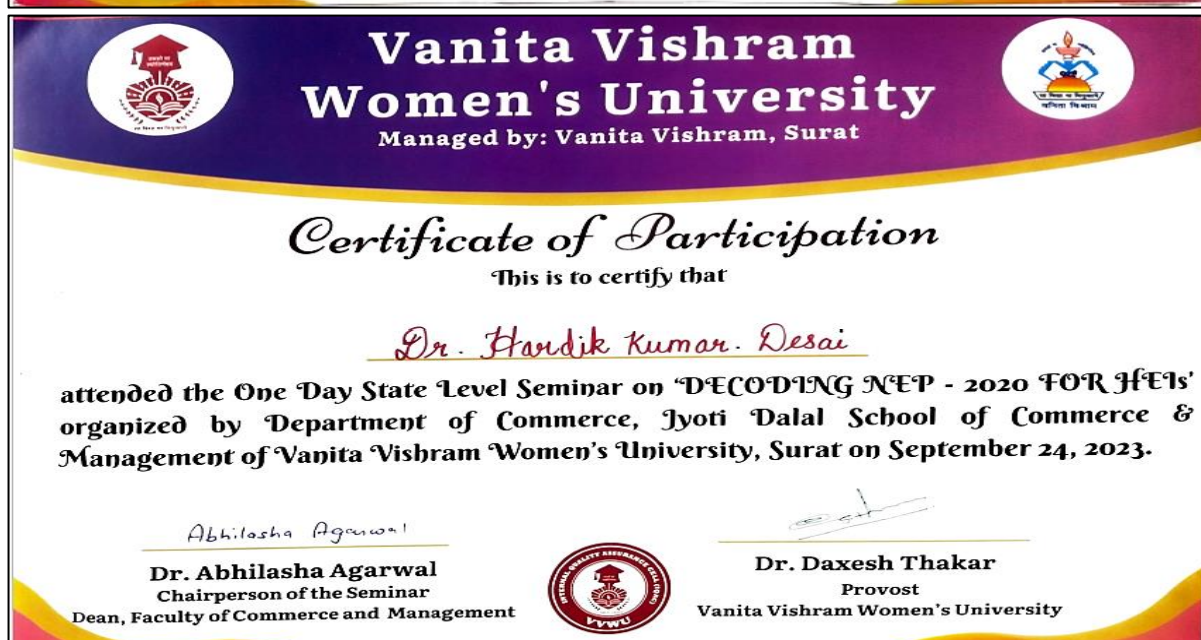
- As a coordinator of SSIP cell of the university, proposed SSIP centre at VVWU and received funding commitment of 5 L for each subsequent year (2024-25 to 2026-27) from SSIP 2.0, Government of Gujarat

Dr. Urjita Sheth (HoD, Department of Biotechnology),

Dr. Hardik Desai (HoD, Department of Physics),

Dr. Ratnakar Chitte & Dr. Avani Shah (Assistant Professors, Department of Microbiology)

- Attended the State level seminar on “DECODING NEP-2020” organized by the Department of Commerce, Jyoti Dalal School of Commerce & Business Management, VVWU on 24th Sep 2023.





Dr. Shilpee Agrawal,
Assistant Professor,
Department of Food & Technology

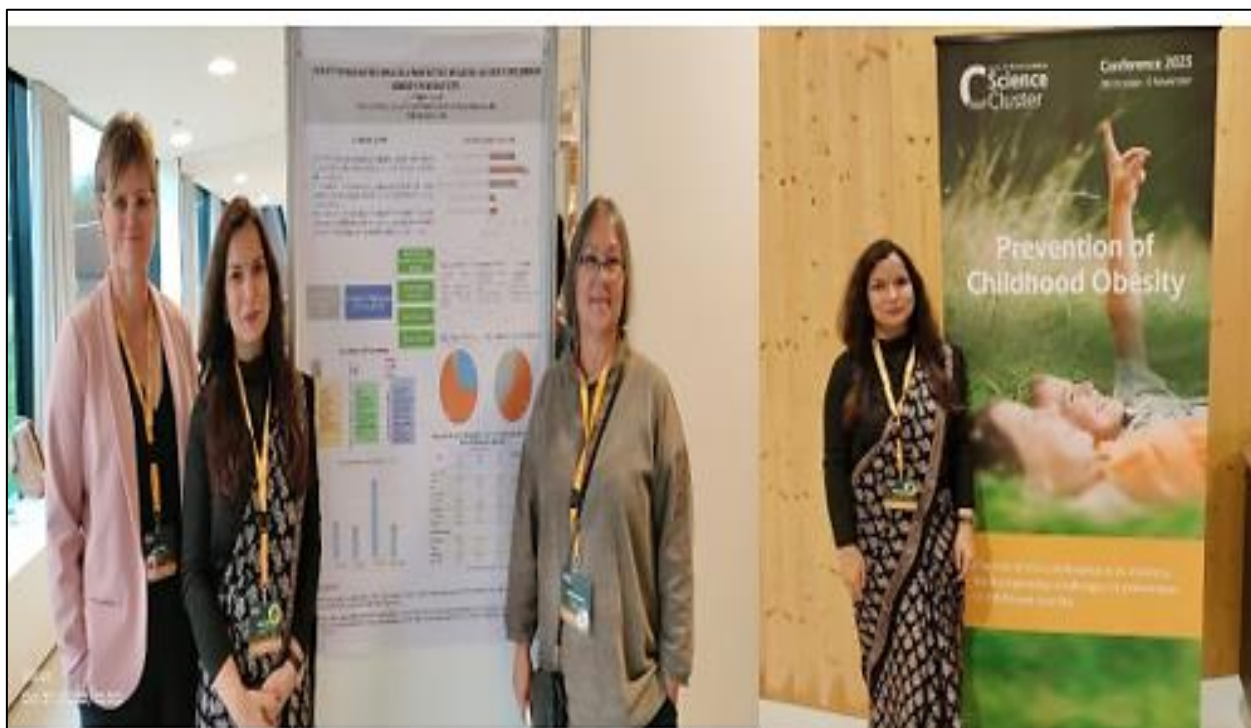
- Selected for **Best Abstracts** for AICNU 2023 poster tour sessions and sponsored by Vanita Vishram in 15th Apollo International Clinical Nutrition Update on 23rd- 24th September, 2023, Goa.



- As a judge in Healthy recipe competition organized by Me and Mummy Hospital, Surat on 4th October, 2023 for celebrating the joy of motherhood through the art of cooking and healthy eating.



- Selected for a paper presentation at the prestigious conference on “Prevention of Childhood Obesity 2023” sponsored by the Novo Nordisk Foundation in Copenhagen, Denmark from 30th October to 3rd November, 2023.



Dr. Shital D. Modi
Assistant professor
Department of Chemistry

- Invited as a **Resource Person in an "Expert Talk Series" on "Basic Concepts of Dyes and Dyes Intermediates"** at KBS Commerce and NATARAJ Professional Sciences College, Vapi on 3rd September and 15th September, 2023.



- Secured **Second Prize for Best Dress** under **Faculty Category** in **Ramzat 2023** organized by the Cultural Committee of VVWU on 21st October, 2023.



Ms. Manisha Mistry & Ms. Mahima Patel

Teaching Assistant (Faculty of Computer Science), Laboratory Assistant, (Department of Biotechnology)


- Won 1st and 3rd prize respectively for the “Best Action” under the faculty category at RAMZAT 2023 organized by Cultural Committee of VVWU on 21st Oct 2023.



Dr. Maryam I. Bagia

Department of Chemistry


- Successfully completed the **NPTEL Faculty Development Programme on Intellectual Property Rights and Competition Law** offered by IIT Madras.




NPTEL-AICTE

Faculty Development Programme

(Funded by the MoE, Govt. of India)






This certificate is awarded to

BAGIA MARYAM IBRAHIM YUNUS


for successfully completing the course

Intellectual Property Rights and Competition Law

with a consolidated score of **50 %**



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Aug-Oct 2023)

Roll No: NPTEL23MG68S747400159

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

- Successfully completed the **NPTEL Faculty Development Programme on Managing Intellectual Property in Universities** offered by IIT Madras.



Elite

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This certificate is awarded to

BAGIA MARYAM IBRAHIM YUNUS

for successfully completing the course

Managing Intellectual Property in Universities

with a consolidated score of **86 %**

Online Assignments	20/25	Proctored Exam	65.75/75
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Total number of candidates certified in this course: **79**



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Aug 2023
(4 week course)



Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras




Indian Institute of Technology Madras



FREE ONLINE EDUCATION
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No. of credits recommended: 1 or 2

STUDENT'S CORNER

- **Sakhida Dhvani Manishbhai, Charaniya Vandana Bharatbhi, Saliya Dhruvi Kiritbhai, Bunha jhanvi kantibhai, Badgujar Chaitali Rameshbhai, Maurya Sweta Vimalchand, Gupta Neha Ramesh, Savaliya Mital Manishbhai, Dhanani Jinal Sureshbhai, Patel Krishna Ashokbhai, Dhaduk Shreya Hareshbhai, Parmar Komal Mahendrabhai, SY. M.Sc Microbiology** students won 1st rank in cultural festa dance competition (group dance on katha) organized by cultural committee on 5th Sep 2023.
- **Prachi Parekh** (first from right side), TY Microbiology and **Anjali Agarwal** (second from right side), SY M.Sc. Microbiology won 1st and 2nd prize in singing competition respectively.



- **Maurya lovely Samar Bahadur Maurya Sejal Omprakash, Patel Vishwa Brijesh, Khushi Ramakant Pandey, Nayak Sriyasanchita. M, SY B.Sc. biotechnology, and Mruduli Rutushree** (TY B.Sc Chemistry) won 3rd rank in cultural Fiesta dance competition (group dance on kalbeliya) organized by cultural committee on 5th September 2023.



- Student Council election 2023 was held on 9th Sep 2023 by Vanita Vishram Women's University. **Ms. Vedanshi Rai** was elected as **General Secretary (GS)** for School of Science & Technology. Following is the list of elected students for Class Representative (CR) from SST.



Sr.No.	Student Name	Department	Class
1	Kanani Aastha Rajnikant	Biotechnology	FYBSC
2	Biswas Monalisha Mrityunjay	Biotechnology	SYBSC
3	Shukla Avantika Girish	Biotechnology	TYBSC
4	Inamdar Tanzil Tanveer	Chemistry	FYBSC
5	Tiwari Supriya Durgaprasad	Chemistry	SYBSC
6	Gautam Muskan Sundarlal	Chemistry	TYBSC
7	Shimpi Khushboo Deepak	Chemistry	FYMSC
8	Shukla Tanvi Hiteshbhai	Chemistry	SYMISC
9	Jain Sanvi Sagar (Uncontested)	Computer Science	TYBCA
10	Icchaporiya Krisha A. (Uncontested)	Computer Science	SYBCA
11	Khakhkhar Ayushi Sgar (Uncontested)	Computer Science	SYBCA
12	Kimtiyani Ankita Vijaykumar (Uncontested)	Computer Science	SYBCA
13	Patel Heli Yogeshbhai	Computer Science	SYBCA
14	Pathan Fahima Mohd. Ishaq	Computer Science	SYBCA
15	Shaikh Aleeza Afraz (Uncontested)	Computer Science	SYBCA
16	Chopda Ayushi Sanjaybhai	Computer Science	FYBCA
17	Dudhatra Disha Arvindbhai	Computer Science	FYBCA
18	Maniya Sariyu Ileshbhai	Computer Science	FYBCA
19	Motisariya Sneha Dilipbhai	Computer Science	FYBCA
20	Senjaliya Manshvi Rajnikant	Computer Science	FYBCA
21	Yadav Jaya Janardan	Computer Science	FYBCA
22	Amisha Bhagat K. (Uncontested)	Information Technology	FYBSC.IT
23	Patel Hetvi Mukeshbhai	Information Technology	FYBSC.IT
24	Patel Janvi Jayeshbhai	Information Technology	FYBSC.IT
25	Patel Trushti Kiritbhai	Information Technology	FYBSC.IT
26	Sutariya Harmi Rashikbhai	Information Technology	FYBSC.IT
27	Mishra Annu Shreeramprasad	Food and Nutrition	FYBSC
28	Kanika Pamnani	Food and Nutrition	SYBSC
29	Mansi Thakkar	Food and Nutrition	PGDD
30	Chand Vacchani	Food and Nutrition	FYMSC

31	Vidisha Sethia	Food and Nutrition	SYMISC
32	Patel Karishma Ajaykumar	Microbiology	PGDMLT
33	Patel Nehaben Mukeshbhai	Microbiology	FYBSC
34	Shah Archi Vipul	Microbiology	FYBSC
35	Ansari Gulista Abdul Salam	Microbiology	SYBSC
36	Patel Romaben Bharatbhai	Microbiology	SYBSC
37	Rasaniya Hinal Pintubhai (Uncontested)	Microbiology	TYBSC
38	Mishra Nirmala Laxminarayan	Microbiology	TYBSC
39	Doshi Shreya Ketanbhai	Microbiology	FYMSC
40	Ray Vedanshi Premshankar	Microbiology	SYMISC

- **Kushwaha Kajal Ashok**, SY Biotechnology won 3rd rank in the Rangoli making competition organized by NSS unit of VVWU on 15th Sep 2023.



- **Prajapati Khyati, Mistry Siddhi & Patel Jenni** (SY M.Sc Microbiology) participated in the Startup and innovation 2.0 at Central University of Rajasthan and presented their project entitled “Bio-hydrogen production using paper-pulp industrial waste” on 15th Sep 2023. They were mentored by Dr. Swati Patel for the same.



• **Winners of International Microorganism's Day competitions**

Department of Microbiology celebrated an "International Microorganism's Day with great enthusiasm with different competitions and fun & frolic corners set up by students. Following are the list of winners for various competitions. Judges were; Ms. Megha Gholi (Assistant Professor, Fashion Designing, SVS), Dr. Hardik Desai (Hod, Physics, SST), Dr. Dikshan Shah (Assistant Professor, Computer Science, SST), Dr. Shital Modi (Assistant Professor, Chemistry, SST), Dr. Pratima Shah (Assistant Professor, English, SOHASS), Mrs. Smriti Juneja (Assistant Professor, Early Childhood Care, SVS), Mr. Tejal Parekh (IT Head, VVWU), Dr. Anamika Talesara (Assistant Professor, English, SOHASS).

Sr. No.	Competition name	Judge	1 st position	2 nd position	3 rd position
1	Best out of waste	Ms. Megha Gohil Dr. Avani Shah	<ul style="list-style-type: none"> • Multani Adil Aqsha • Mubasshira Kharadi • Tahura Kharadi • Shabnam Shaikh • Saadiya Khanpuri (SY Microbiology) 	<ul style="list-style-type: none"> • Patel Kruti • Patel Karishma • Patel Kinjal • Patel Nisha (PG DMLT) 	----

2	Mime	Dr. Hardik Desai Dr. Hitesh Jasani	<ul style="list-style-type: none"> • Ansari Sadaf • Shaheen Razi Anwar • Saiyed Sayma Shariq • Saiyed Fazila Aslam • Kazi Sadiya Salim • Gori Safina Harun (SY MB)	----	----
3	Model making	Dr. Dikshan Shah Dr. Ishita Desai	<ul style="list-style-type: none"> • Mashruwala Riddhi J • Mishra Neha • Bagul Vasundhara (TY BT)	<ul style="list-style-type: none"> • Alagiya Mitali J • Harkhani Vandana • Dhodiya Tisha G (TY MB)	----
4	Poetry recitation	Dr. Jitendra Pal Dr. Shital Modi	<ul style="list-style-type: none"> • Pandey Shikha S (TY MB I)	<ul style="list-style-type: none"> • Yadav Akanksha R (TY MB II)	<ul style="list-style-type: none"> • Sarkar Urbi (FY Chemistry)
5	Extempore Speech	Dr. Pratima Shah Dr. Pinakin Dhandhukia	<ul style="list-style-type: none"> • Pandya Jinal H (TY MB I)	<ul style="list-style-type: none"> • Saiyed Sayma Sharik (SY MB)	<ul style="list-style-type: none"> • Shaikh Hafsa Ziyad (SY MB)
6	Poster making	Mrs. Smriti Juneja Dr. Ruchi Jariwala	<ul style="list-style-type: none"> • Bagul Vasundhara (TY BT)	<ul style="list-style-type: none"> • Damaniya Mahek • Kukdeja Mahek (TY BT)	<ul style="list-style-type: none"> • Dhodiya Disha (TY MB I)
7	Quiz	Dr. Jitendra Pal Dr. Ratnakar Chitte Dr. Harshvadan Patel Dr. Jinal Naik	<ul style="list-style-type: none"> • Jha Shruti • Dhal Anjali • Joshi Bhavika • Sonvane Janvi (TY MB I & SY MB)	<ul style="list-style-type: none"> • Pandey Priya • Shaikh Bushra • Sirvi Puja • Surti Zeel (TY BT)	----
8	Sci-toon	Mr. Tejal Parekh Dr. Nimita Umretiya	<ul style="list-style-type: none"> • Damor Neha (MSc MB Sem-I)	<ul style="list-style-type: none"> • Mistry Khushi N (SY MB)	<ul style="list-style-type: none"> • Patil Rupali (MSc MB Sem-III)
9	Rangoli	Dr. Anamika Talesara Dr. Padmashree Patel	<ul style="list-style-type: none"> • Maurya Sejal • Maurya Pratima • Yadav Mahima • Vishwakarma Sapna 	<ul style="list-style-type: none"> • Panchal Shruti V • Pawar Prerna • Pawar Arpita • Mistry Khushi (SY MB)	<ul style="list-style-type: none"> • Chaudhary Premlata M • Patil Aastha • Pareek Ankita • Patil Ankita (SY MB)

			(SY BT)		
			<u>Consolation 1</u> <ul style="list-style-type: none"> Koladiya Ekta M Dhaduk Shreya H Saliya Dhruvi K Dhanani Jinal S (MSc MB Sem III)	<u>Consolation 2</u> <ul style="list-style-type: none"> Gandhi Aayushi Maurya Pallavi Gayakwad Keyuri (SY MB)	<u>Consolation 3</u> <ul style="list-style-type: none"> Cholera Sarangi Patel Krishna Kanpariya Jinal Parmar Komal Vala Bhumi (MSc MB Sem III)
			<u>Consolation 4</u> <ul style="list-style-type: none"> Prajapati Hetasvi V Wadinkar Diksha G Moradiya Sakshi B Monapara Mansi M Patil Sanjana S (MSc Chemistry Sem I)		

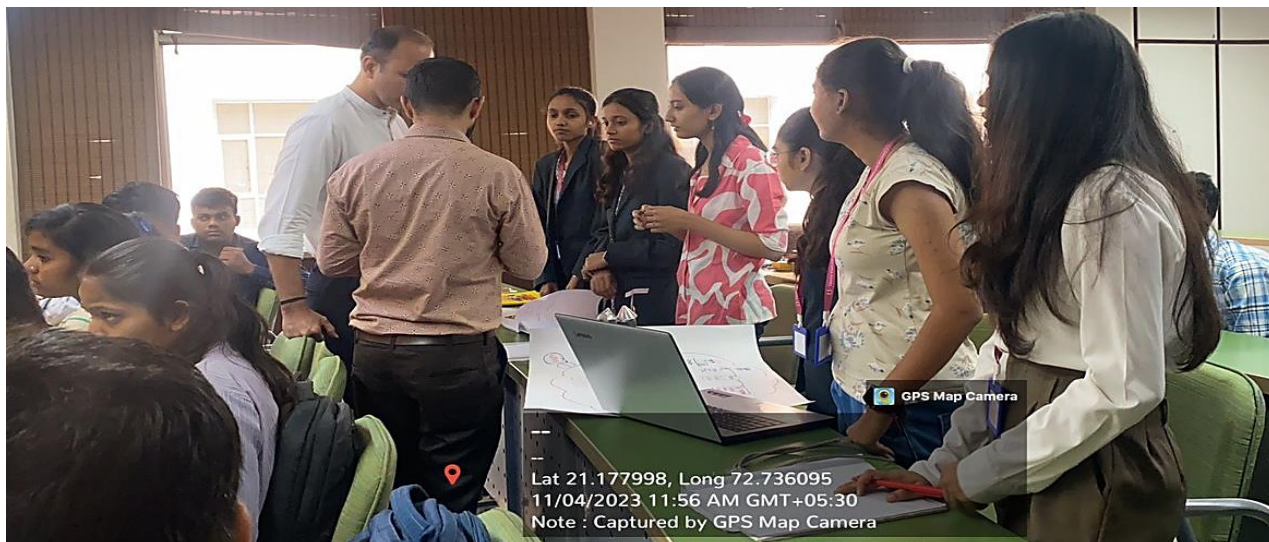
- Student of B.Sc. Semester-IV (**Chemistry**) **Ms. Kashish Agarwal** secured **1st rank in Poster Making Competition** event organised by Nehru Yuva Kendra-Surat as a part of ‘Mission Life-Lifestyle for Environment’ at Taluka Choryasi on 25th September, 2023.



- **Parmar Sonal** (TY Microbiology) won gold medal in fight and in individual kata at the 13th Gujarat state karate championship 2023 at Anand, Gujarat held on 14th to 15th October 2023.



- **Prajapati Khyati, Mistry Siddhi, Patel Jenni, Patil Dharini, Gupta Neha, Sakhida and Dhvani** (SY M.Sc. Microbiology) participated and selected for the Regional round of hackathon at the New Vibrant Hackathon-2023 held at Auro University, Surat on 4th November 2023. They were mentored by Dr. Urjita Sheth.



- Student of M.Sc. Semester-IV (Chemistry) **Ms. Tanvi Shukla** secured 1st position for playing **Guitar in Instrument Playing Competition** organised by NSS Unit, Vanita Vishram Women's University, Surat on 15th September, 2023.



- Student of B.Sc. Semester-VI (Chemistry) **Ms. Piyusha Mohite** has successfully completed “**Employability Skill Programme**” conducted by Mahindra Pride Classroom, Nandi Foundation from 25th October 2023 to 2nd November 2023.



- Student of B.Sc. Semester-VI (Chemistry) **Ms. Rutushree Muduli** secured 3rd position in **Monoacting Competition** organised by NSS Unit, Vanita Vishram Women's University, Surat on 15th September, 2023.



- Students of M.Sc. Semester-II (Chemistry) Ms. Kajal Chourasiya, Ms. Divya Dubey have participated and **successfully completed three days' workshop of Social Internship Program** organised by Paryavaran Sanrakshan Gatividhi from 26th October, 2023 to 28th October, 2023.



- Students of B.Sc. Semester-IV (Chemistry) Ms. Prachi Kondalkar, Ms. Supriya Tiwari, Ms. Aanchal Yadav have **participated in online quiz** organised by Department of Environmental Science, Shree Ramkrishna Institute of Computer Education and Applied Sciences, Sarvajanic University on the theme of “Montreal Protocol: Fixing the Ozone Layer and Reducing Climate Change” to celebrate World Ozone Day, 2023 from 26th Oct to 29th Oct 2023 and secured good score.



- **26 students, NSS volunteers of School of Science & Technology** participated in the 2nd Residencial Camp organized by NSS unit of VVWU from 5th Nov to 11th Nov 2023 at SUV International School, Valtha, Nr National Highway 48, Kamrej. These 25 students were accompanied by other 45 students of different schools of VVWU. All of them enjoyed these 7 days by doing various village activities, sports activities and cultural activities. Following is the list of these 26 students.

Sr. No	Name of Student	Name of course/Stream	Year of Study
1	Tiwari Supriya Durgaprasad	B.Sc. Chemistry	S.Y.
2	Kondalkar Prachi Mahendra	B.Sc. Chemistry	S.Y.
3	Agarwal Kashish Sanjay	B.Sc. Chemistry	S.Y.
4	Dhal Anjali Surendra	B.Sc. Microbiology	T.Y.
5	Sakpal Priya Mahesh	B.Sc. Microbiology	T.Y.
6	Yadav Soni Subhash	B.Sc. Microbiology	T.Y.
7	Pandey Shikha Santosh	B.Sc. Microbiology	T.Y.
8	Pal Kirti Ramshringar	B.Sc. Microbiology	T.Y.

9	Maurya Alpana Manoj	B.Sc. Microbiology	T.Y.
10	Patel Shweta Indramani	B.Sc. Microbiology	T.Y.
11	Rai Khushi Amit	B.Sc. Microbiology	T.Y.
12	Sojitra Kumkum Rajeshbhai	B.Sc. Microbiology	T.Y.
13	Parekh Deepa Rupeshkumar	B.Sc. Microbiology	T.Y.
14	Panchal Drishee Bhupendrabhai	B.Sc. Microbiology	T.Y.
15	Vasava Gauri Mansinh	B.Sc. Microbiology	T.Y.
16	Tulekar Ashwini Omprakash	B.Sc. Microbiology	T.Y.
17	Jha Shruti Dilipbhai	B.Sc. Microbiology	T.Y.
18	Rawat RiyaSingh VikramSingh	BCA	S.Y.
19	Patil Ruchita Chandrashekhar	BCA	S.Y.
20	Khuntia Mandira Rajubhai	BCA	S.Y.
21	Prajapati Nandini Shyambhai	BCA	S.Y.
22	Gundigara Khushi Devendrabhai	BCA	S.Y.
23	Kurmi Bhumi Ashokprasad	BCA	S.Y.
24	Thakkar Devanshi Jagdishbhai	BCA	T.Y.
25	Variya Hiral Kishorbhai	BCA	S.Y.
26	Gilitwala Nancy Vickybhai	BCA	S.Y.



- **MS. NANDINI JAYENDRASINH CHAUHAN** from TYBCA participated in West Zone Inter -University Table -Tennis (Women) Tournament at Banasthali Vidhyapith, Banasthali (Rajasthan) Association of Indian Universities (Inter University Sports Board) held on 26th to 30th November 2023. She has been appreciated by the dignitaries in the annual price distribution of VVWU.



Editor in Chief,

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Editor,

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Ms. Bhumi Desai

IT team support

HAPPY READING!