



**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: 2,

**“Science knows no country, because knowledge belongs to humanity, and is the
torch which illuminates the world”**

- Louis Pasteur

WORDS OF MOTIVATION



Dr. Daxesh Thakar
Provost

It is my immense pleasure to address as the Provost of this leading and the first Women's University of Gujarat; Vanita Vishram Women's University managed by Vanita Vishram Trust. The field of science has no limits as we breathe with it every second. Though being a person of literature, I always have inclination towards science subject and to know the deep down into it. I am extremely delighted to witness the growth of SST from Oxygen to Glucose, from Food to Chemicals, from Bacteria to Viruses, from Computers Programming to Thermodynamics and from Basics to the Advances in Technologies. SST, with new laboratory facilities, new infrastructures and new UG-PG courses will flourish astonishingly. I strongly believe SST being a team always thrives to enrich and empower their students in all-round aspects apart from just making them a nerd. I take this opportunity to thank Vanita Vishram Trust to always grant the humongous budget without a second thought to run this school. Last but not the list I, along with you all will work very hard to nurture our students with the lines called “SCIENCE OF HUMANITY AND EXCELLENCE”.

મારી વનિતા, મારી વનિતા,
"વિચક્ષણ વિભૂતિઓ નો વારસો", મારી વનિતા,
"વિદ્યાનો વૈવિધ્યસભર વન-વગડો", મારી વનિતા,
"વામાઓનો વિસામો" મારી વનિતા,
મારી વનિતા, મારી વનિતા,

TEACHER'S DAY CELEBRATION

Teachers' Day is celebrated annually on September 5 in all over India, to mark the birthday of Country's former President, scholar, philosopher and Bharat Ratna awardee, Dr Sarvepalli Radhakrishnan, who was born on this day in 1888. To carry this legacy forward, all the students of the different departments of School of Science & Technology (SST) took an opportunity and tried to be future teachers. Here is some glimpse of this from all the departments.

Department of Chemistry



The students of **Department of Chemistry** celebrated Teachers Day with great pomp and show. 14 students played the role of teachers and prepared lectures and took classes for the juniors as well as batchmates, thus relieving the teachers from their duties. They shared their experience and wished the teachers by presenting handmade bookmarks and Memento. It was delightful to see the students put in so much effort to make this day memorable for all the teachers. The program ended with a small token comprising a box of chocolates gifted to each student by teachers. The overall program was coordinated by Dr. Shital Modi, Assistant Professor, Department of Chemistry.

Department of Computer Science

The whole function was planned by our University Cultural Committee. The responsibility of teaching was taken up by the students as an appreciation for their teachers. Total 32 students of **Department of Computer Science** participated and engaged themselves from preparing time tables to taking the lectures and practicals from 1st to 5th September. Students not only performed role of a teaching staff but also of non-Teaching staff, clerk, librarian, and peon. All the participants were appreciated by giving Certificate as token of love. Along with that "Best teacher" award was unanimously selected and Ms. Dharvi FY BCA and Ms. Manjari SY BCA jointly won the same.



Department of Food and Nutrition



Students of M.Sc 3rd Semester of Department of Food and Nutrition played a role of their faculties and acknowledged B.Sc, PGD and M.Sc students in the lecture and practical sessions.

Department of Microbiology, Biotechnology and Physics

The students of Department of Microbiology, Biotechnology and Physics celebrated Teacher's Day with great enthusiasm. They prepared lectures, practicals and took classes for the juniors as well as batchmates. It was great proud to see the students put in so much effort to make this day memorable for all their teachers. All the participants were encouraged and felicitated by the respective faculty (whose role she played) with a chocolate as a token of blessings.



SIGNING OF MOU'S BY THE DEPARTMENTS OF SCHOOL OF SCIENCE & TECHNOLOGY (SST)

On 3rd October 2022, a small program of signing MoU's by all the departments under the School of Science & Technology (SST) was organized at Marfatiya hall in the presence of respected Provost of Vanita Vishram Women's University, Dr. Daxesh Thakar. As said any new relation needs blessings from the Almighty, a program was started with lamp lightning by Provost Sir, Dr. Manisha Vyas (Dean, SST), Ms. Vijay Radadiya (Placement Officer-VVWU), HoD's of all the Departments, SST and the Company personals, along with Maa Saraswati vandana. Dr. Daxesh Thakar Sir welcomed all the Company personals warm heartedly. The main motto of MoU signing would be for the skill development, outcome-based trainings, placement, R & D, and related services to the students. Total 6 MoU's signed, each by Department of Biotechnology, Chemistry, Computer Science, Food and Nutrition, Microbiology, and Physics respectively. Apart from these 6 MoU's, other MoU's also signed by different departments of SST.



MoU with 'EON MEDITECH PVT. LTD'

A Memorandum of Understanding was signed between the Department of Biotechnology; Vanita Vishram Women's University & EON MEDITECH PVT. Dr. Daxesh Thakar (Provost- VVWU), Mr. Khushroo Pastakia (Executive Director, EON MEDITECH PVT. LTD), Dr. Daxesh Thakar (Provost- VVWU), Dr. R. D. Patel (Registrar-VVWU), Mr. Vijay Radadiya (Placement Officer-VVWU), Dr. Manisha Vyas (Dean-SST), Dr. Urjita Sheth (HoD, Department of Biotechnology, SST), and Dr. Apurva Patel (Asst. Professor- SST) remained present for the signing of MoU.



MoU with 'Ozone Enviro Tech'

A Memorandum of Understanding was signed between the Department of Chemistry; Vanita Vishram Women's University & Ozone Enviro Tech (Surat). Dr. Daxesh Thakar (Provost- VVWU), Mr. Nalin Kabaria (CEO-Ozone Enviro Tech), Dr. Navnit Chothani (I/C Assistant Registrar-VVWU), Mr. Vijay Radadiya (Placement Officer-VVWU), Dr. Manisha Vyas (Dean-SST), Dr. Suchitra Savant (HoD, Department of Chemistry, SST), and Dr. Amit Purohit (Asst. Professor- Chemistry Department, SST) remained present to sign the MoU.



MoU with 'Narola InfoTech'

A Memorandum of Understanding was signed between the Department of Computer Science; Vanita Vishram Women's University and Narola InfoTech, Surat. Dr. Daxesh Thakar (Provost- VVWU), Mr. Ashish Narola (Co-founder & CEO, Narola InfoTech), Mr. Vijay Radadiya (Placement Officer- VVWU), Dr. Manisha Vyas (Dean-SST), Dr. Nirali Dave, (HoD- Department of Computer Science, SST), and Dr. Dikshan Shah (Asst. Professor- Department of Computer Science, SST) remained present to sign the MoU.



MoU with 'Asian Physiotherapy Centre'

A Memorandum of Understanding was signed between the Department of Food and Nutrition; Vanita Vishram Women's university and Asian Physiotherapy Centre. Dr. Daxesh Thakar (Provost- VVWU), Dr. Sagar Naik, Dr. Kina Naik (CEO & Chief Physiotherapist, Asian physiotherapy), Dr. Bhupesh Chavda (Practicing Physician, Surat), Mr. Vijay Radadiya (Placement Officer- VVWU), Dr. Manisha Vyas (Dean-SST, HoD, Department of Food and Nutrition), Dr. Navneet Chothani (I/C Assistant Registrar-VVWU), and Dr. Shilpee Agarwal (Asst. Professor- Department of Food & Nutrition, SST) remained present to sign the MoU.



MoU with 'Solar Smart'

A Memorandum of Understanding was signed between the Department of Physics; Vanita Vishram Women's University and Solar Smart Dr. Daxesh Thakar (Provost-VVWU), Mr. Rakesh Tiwari (Director, Solar Smart), Dr. Manisha Vyas (Dean-SST), Dr. Hardik Desai (HoD Physics, SST), and Dr. Sanjay Patel (Assistant Professor, SST) remained present for the signing of MoU.



MoU with 'Anand Microbiology Laboratory'

A Memorandum of Understanding was signed between the Department of Microbiology; Vanita Vishram Women's University and Anand Microbiology Laboratory. Dr. Daxesh Thakar (Provost- VVWU), Dr. Vandana Lad (Partner, Anand laboratory), Mr. Vijay Radadiya (Placement Officer-VVWU), Dr. Manisha Vyas (Dean-SST), Dr. Pinakin Dhandhukiya (HoD Microbiology, SST), Dr. Padmashree Patel (Asst. Professor- SST), and Dr. Ruchi Jariwala (Asst. Professor- SST) remained present for the signing of MoU.



MoU with 'Microcare Laboratory & Tuberculosis Research Centre (TRC)'

A Memorandum of Understanding was signed between the Department of Biotechnology; Vanita Vishram Women's University & EON MEDITECH PVT. LTD on 20th September, 2022. Dr. Dhanji Rajani (Director, 'MICROCARE LABORATORY & TUBERCULOSIS RESEARCH CENTRE (TRC) and Mr. Kalpesh Thaker (Laboratory Technologist, 'MICROCARE LABORATORY & TUBERCULOSIS RESEARCH CENTRE (TRC) were heartily welcomed. Dr. R. D. Patel (Registrar-VVWU), Mr. Vijay Radadiya (Placement Officer-VVWU), Dr. Manisha Vyas (Dean-SST), Dr. Urjita Sheth (HoD Biotechnology, SST), and Dr. Pinakin Dhandhukiya (HoD Microbiology, SST) remained present for the signing of MoU.



MoU with an IT firm 'Dynamic Dreams'

A Memorandum of Understanding was signed between the Department of Computer Science; Vanita Vishram Women's University and Dynamic Dreams, an IT firm on 28th September 2022. Dr. Daxesh Thakar (Provost- VVWU), Mr. Gaurav Shah (CEO, Dynamic Dreams), Dr. R. D. Patel (Registrar-VVWU), Dr. Manisha Vyas (Dean-SST), Dr. Nirali Dave, (HoD- Department of Computer Science, SST), Mr. Tejal Parekh (IT head- VVWU) and Dr. Dikshan Shah (Asst. Professor- Department of Computer Science, SST) remained present to sign the MoU.



MoU with 'V-Think Solutions'

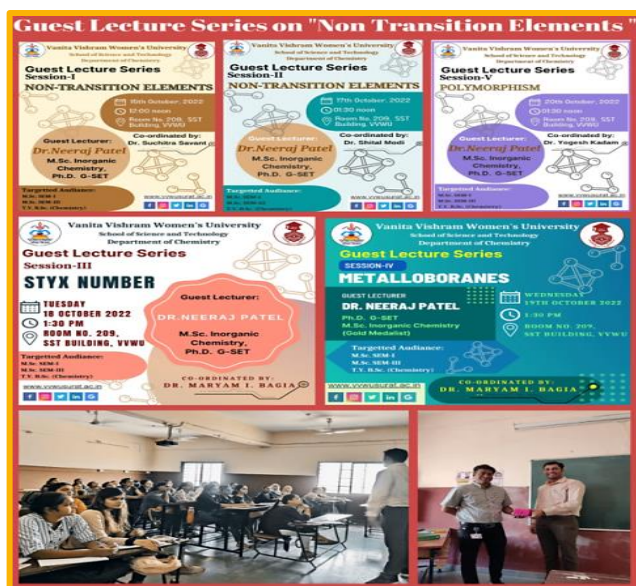
A Memorandum of Understanding was signed between the Department of Computer Science; Vanita Vishram Women's University and V-Think Solutions, on 1st October 2022. Dr. Daxesh Thakar (Provost- VVWU), Mr. Pratik Bagrecha (CEO, V-Think Solutions), Dr. Manisha Vyas (Dean-SST), Dr. Nirali Dave, (HoD- Department of Computer Science, SST), and Dr. Dikshan Shah (Asst. Professor- Department of Computer Science, SST) remained present to sign the MoU.



GUEST LECTURES SERIES

Department of Chemistry

Guest lecture series on “Non Transition Elements” GUEST



An academic guest lecture series were organized in five sessions for Chemistry Students under the title “Non Transition Elements” from 15th to 20th October, 2022. The Resource Person Dr. Niraj Patel gave guidance related to Non transition Elements. The students immensely benefitted from the sessions as they got brief knowledge about Metalloboranes, Polymorphism, STYX Number and their importance in Chemistry. Towards the end of every session, a brief question – answer session was conducted and all the queries of participants were satisfactorily solved. The sessions were coordinated by Dr. Suchitra Savant, Dr. Yogesh Kadam, Dr. Shital Modi and Dr. Maryam Bagia respectively.

Guest Lecture on “Symmetry”

An academic guest lecture was organized on 23rd November, 2022 on “Symmetry” for the students of M.Sc. Chemistry Semester-I. The resource person Dr. Paresh Patel, Professor, Department of Chemistry, Veer Narmad South Gujarat University, Surat discussed about concept and importance of symmetry to students. Overall, the participants were satisfied and they found it to be an interesting session. The session was coordinated by Dr. Suchitra Savant (HoD, Chemistry Department, SST).

Department of Food & Nutrition

Guest Lecture on “Ayurveda”

Department of Food and Nutrition, School of Science and Technology, Vanita Vishram Women's University has organized a guest lecture series- 2 & 4 on 4th September & 3rd December 2022. Resource person- Vaidya Medha Patel, M.D (Ayu) being the eminent resource person on the topic of “Ayurveda”. Alternative therapy is one of the subjects in M.Sc sem III nutrition course. Under this subject we organized one guest lecture of Ayurveda. Ayurveda is an alternative medicine system with historical roots in the Indian subcontinent. The theory and practice of Ayurveda is pseudoscientific. Ayurveda, a natural system of medicine, originated in India more than 3,000 years ago. The term Ayurveda is derived from the Sanskrit words ayur (life) and veda (science or knowledge). Thus, Ayurveda translates to knowledge of life.

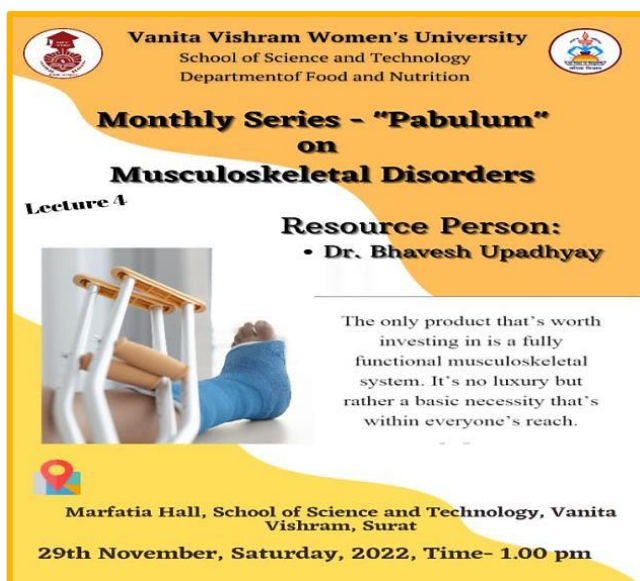


Guest Lecture “Pharmacology”



Department of Food and Nutrition, School of Science and Technology, Vanita Vishram Women's University organized a guest lecture series-IV on 11th November, 2022. Dr. Arvind Singh Panwar was the eminent resource person on the topic of “Pharmacology. Pharmacology is the study of how a drug affects a biological system and how the body responds to the drug. The discipline encompasses the sources, chemical properties, biological effects and therapeutic uses of drugs. These effects can be therapeutic or toxic, depending on many factors. Pharmacology has two major branches: Pharmacokinetics, which refers to the absorption, distribution, metabolism, and excretion of drugs. Pharmacodynamic that refers to the molecular, biochemical, and physiological effects of drugs.

Guest Lecture “Muscular skeletal Disorders”



Department of Food and Nutrition, School of Science and Technology, Vanita Vishram Women's University has organized a guest lecture series 5th Resource person- Dr. Bhavesh Upadhyay being the eminent resource person on the topic of “Musculoskeletal Disorders”. Musculoskeletal Disorders or MSDs are injuries and disorders that affect the human body's movement or musculoskeletal system (i.e. Muscles, Tendons, Ligaments, Nerves, Discs, Blood Vessels, etc.). Dr. Bhavesh Upadhyay shared ambient knowledge and his practical experience regarding the topic. This guest lecture was organized for M. Sc. 1st Semester and P.G. Diploma in Dietetics.

Guest Lecture “Data Collection & Analysis”

Department of Food and Nutrition, School of Science and Technology, Vanita Vishram Women's University has organized a guest lecture series 6th Resource person- Dr. Neha Raval being the eminent resource person on the topic of “Data Collection and Analysis”. This guest lecture was organized for M. Sc. 3rd Semester.



OTHER DEPARTMENTAL ACTIVITIES

Department of Chemistry

Industrial visit to Aether Industries limited, Surat

An Industrial Visit of India-based specialty chemical manufacturing company, Aether Industries Limited, Sachin, Surat was organized by Department of Chemistry, SST, coordinated by Dr. Yogesh K. Kadam, Assistant Professor, Chemistry Department on 29th September, 2022. 40 students of M.Sc. and B.Sc. Chemistry visited Research and Development (R&D) and Analytical Development Laboratories (ADL) and gain the practical knowledge about on-going projects of advanced intermediates and specialty chemicals involving complex and differentiated chemistry and technology.



Online doubt resolving sessions for GSET examination 2022

From 17th to 20th October, 2022, an Online Doubt Resolving Sessions were organized by Chemistry Department, SST, VVWU for M.Sc. Students who were appeared for upcoming GSET Examination 2022. The Speakers namely Dr. Navnit Chothani, Dr. Suchitra Savant, Dr. Yogesh Kadam, Dr. Shital Modi and Dr. Maryam Bagia gave a guidance about various topics of Chemistry and discussed about Learning Pattern for GSET Examination to the students. The Overall Sessions were coordinated by Dr. Shital Modi, Assistant Professor, Chemistry Department, SST.

VANITA VISHRAM WOMEN'S UNIVERSITY
School of Science and Technology
Department of Chemistry

Online Doubt Resolving Sessions
Upcoming GSET Examination 2022

Target Students
PG

17-10-2022 To 20-10-2022

DISCUSSIONS AND INSIGHTS

- ORGANIC CHEMISTRY
Name reactions, Reactive Intermediates and Reagents
- ORGANIC CHEMISTRY
Organic transformations and reagents
- PHYSICAL CHEMISTRY
Selection of Topics of Physical Chemistry
- ORGANIC CHEMISTRY
Aromaticity & Pericyclic Reaction
- ANALYTICAL CHEMISTRY
Electrochemistry and Analytical Chemistry

THE SPEAKERS

- Dr. Navnit Chothani
Speaker
- Dr. Suchitra Savant
Speaker
- Dr. Yogesh Kadam
Speaker
- Dr. Shital Modi
Speaker
- Dr. Maryam Bagia
Speaker

Co-Ordinator
Dr. Shital Modi

Department Of Computer Applications

Parent-Teacher Meeting



School of Science and Technology, Department of Computer Science (B.C.A) organized Parents Teacher Meet [PTM] for Second Year B.C.A. students on 12th September- 2022 from 1:00 pm onwards. The main purpose of meeting was to create a common platform where teachers and parents come together to enrich the students educational experience and discuss issues regarding all-round development of students. Parents gave their suggestion about attendance, management and academic growth. Parents were satisfied with current progress of their daughters and progress of the Department as well. They praised the efforts of entire faculty members of BCA department.

Slogan making and Drawing Competition

Cleanliness Event Celebration based on Gandhian Thoughts: Day 1

On September 24, the Department of Computer Science in the School of Science and Technology (BCA), held a cleanliness drive as part of the "Swachhata Abhiyan and a cleanliness awareness programme "on the occasion of Gandhi Jayanti. The main goal of this programme was to raise student's knowledge of cleanliness and its advantages. The entire event was handled by SYBCA students. Additionally students actively participated in the drawing competition and enthusiastically showcased their talent, which added attractiveness to this program.

Winner's Name	
FY.BCA	
Rank	Name
1	Nency Gilitwala V.
2	Jariwala Ayushi Sanjaykumar
2	Vyas Parthvi Pravinbhai
3	Savani Srushti N.
SY.BCA	
Rank	Name
1	Radadiya Priya J.
2	Raval Yashsvi J.
3	Choatiya Ashvi B.

Reels making Competition

Cleanliness Event Celebration based on Gandhian Thoughts: Day 2

We celebrated Swachhta Abhiyan Cleanliness Awareness on 26th September. Total 20 students participated in this event. They created reels regarding the Cleanliness & Started with their own department to entire University. Compared to In-Feed Posts, Reel's laid-back vibe gives an opportunity to flaunt your creativity. Students were also able to create content that doesn't require extensive planning and flawless execution. As an added bonus, the creative tools built into Reels can really make your clips pop. Using the videos featured on the explore page to reach a whole new audience. According to recent statistics, reels get 22% more engagement than traditional videos. Creators can add hashtags to their Instagram Reels to increase the likelihood that the right viewers will find their way to the right content. Students got more than 100 likes and were appreciated by giving E- Certificate.

Hackathon 2022



As a part of Azadi ka Amrut Mahotsav, Hackathon 2022 was organized by SSIP-Gujarat at the Computer Science Department of Veer Narmad South Gujarat University on 7th and 8th October 2022. Under the mentorship of Dr. Dikshan Shah, 3 students namely; Ms. Dhal Anjali S (SY Microbiology), Ms. Rathod Nishtha (SY BCA) and Ms. Khokhariya Dhvani (SY BCA) participated in this event. The whole team presented their work constantly for 36 hrs being present at the venue as per the Hackathon presentation schedule and got selected for the Regional Round presentation.

Workshop on Data Analysis using SPSS software



A one day “Workshop on Data Analysis using SPSS” was organising by Computer science department on 15th October 2022 for SYBCA students. The Eminent Speaker Dr. Neha Raval, Assistant Professor in Statistics, School of Commerce and Business Management was the resource person. More than 200 students joined the session in online mode using Google Meet platform. Students got knowledge on how to analyse data in SPSS as speaker explained with live examples. It was enrich session for the BCA students.

Workshop on Data analysis with Excel



As a part of the curriculum activity the Department of Computer Science in the School of Science and Technology (BCA) organised two days online workshop on “Data Analytics with Excel” for SYBCA semester-3 in association with Edunet Foundation IBM Skills Build held on 10th and 11th November 2022. Ms. Anusha Tyagi and Ms. Diana baby were the keynote speakers and 198 students attended and obtained participation E-Certificate for both days.

Bulletin Board Activity



As a part of the curriculum activity the Department of Computer Science in the School of Science and Technology (BCA) conducts monthly Bulletin Board decoration event in the first week of every month. In this event each division of FY BCA in sequence decorate the board based on the concept of **IT Technologies**. Like Digital Footprint and Internet etc. This activity helps the students to enhance knowledge about their own field. Students participated very enthusiastically in this event.

Department Of Food and Nutrition

Traditional Food Festival



“Traditional Food Festival” was organized by the Department of Food and Nutrition, School of Science and Technology in collaboration with Poshan Se Roshan Smart Surat (PSRSS) and Climate Resilience Center of Excellence (UHCRCE) on 8th September 2022 on the occasion of National Nutrition Month Celebration. We felt blessed with the presence of Dr. Vikas Desai to motivate us. Provost Sir, Dr. Daxesh Thakar, SAC member Mr. Sanjay Desai and Registrar Mr. R.D. Patel encouraged staff and the students. This competition was judged by Dr. Suchitra Sawant, RD Amita Tambekar and Mrs. Gayatri Upadhyay. Most happy moments were that we had the students of Deaf and Dumb school visiting us; they had also learned the importance of nutrition in daily life.

International Fireless Cooking Competition

“Interschool Nutritious Fireless Recipe competition” was organized by the Department of Food and Nutrition, School of Science and Technology, sponsored by British Biologicals on 16th September 2022 on the occasion of National Nutrition Month celebration. This competition was judged by Dr. Abhilasha Agrawal, Mrs. Minakshi Tripathi and Mr. Vijay Radadiya. Dr. Payal Jain acknowledged the audience regarding the theme of the event, importance of fireless cooking and selection of the target group as higher secondary students. The most memorable moments of the event were the feedback sessions from the audience (students, coordinate faculty members, parents & volunteers). All the participants were thankful to our volunteers (P.G. Dietetics & M.Sc Sem-I students). One of the parents spoke about her boy's entry in a cooking competition. She was a great motivator for all the participants.



CNE: Continuing Nutrition Education



“CNE- Continuing Nutrition Education” was organized by the Department of Food and Nutrition, School of Science and Technology, sponsored by British Biologicals on 21st September 2022 on the occasion of National Nutrition Month celebration. Dr. Shilpee Agrawal, Assistant Professor, Food and Nutrition department briefed about obesity and concerning problems related to obesity. Further, Dr. Manish Mehta, Laparoscopic Surgeon at Excel Hospital, Surat talked about obesity which is a serious global health concern along with some case studies for a better understanding, and bariatric surgery which involves making changes to the digestive system that helps to lose weight. Certificate, Protein rich Gift Hamper along with High tea was arranged for all the attendees, sponsored by British Biologicals.

A unique “Bal Mela”



A unique Bal Mela for 'Deaf & Dumb' children was jointly organized by SMC, Child Friendly Surat Smart City, UHCRCE and Deaf and Dumb Development Trust, Surat on 30th September, 2022. Department of Food and Nutrition, School of Science and Technology, passed the message of including healthy choices of food in the diet through food models and activity pyramids. Play way method was used as a 'Nutri Ring and Win Game'. Incentives were given in the form of "Gud Chikki" inculcating healthy practices in the prizes too. Also, it was a great learning for our volunteers about the challenges faced to pass the message to Deaf and Dumb students. A great learning day for both, the beneficiaries and our volunteers.

NCD Screening in III Phases

Department of Food and Nutrition, School of Science and Technology organized screening camps of Non-communicable diseases for Vanita Vishram Staff (teaching and Non-teaching) in collaboration with Surat Municipal Corporation and KDS Vanita Vishram Institute of Nursing on 23rd September, 2022. The screening was free of cost done by Panas Gam Urban Health Centre, SMC, Surat which included Random Blood Glucose, Haemoglobin and Blood Pressure, Waist and Hip circumference ratio-WHR. The full body analysis was done by using TANITA Body Analyser under Diet counselling centre, VVWU. This screening aimed for early detection and management of NCDs using nutritional counselling and interventions.



“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 theme for World Food Day 2022 is “Leave 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 a targeted amount of 1000 Kgs Rice on 14th and 15th October, to donate to homeless or needy people to spread smiles and spark their Diwali. By God's grace, we received 2000 Kgs of rice and 200 Kgs of Dal for donation. Volunteers had made seal packed small packets of dal and rice for the easy distribution of it.

Workshop on “Ayurnutri”



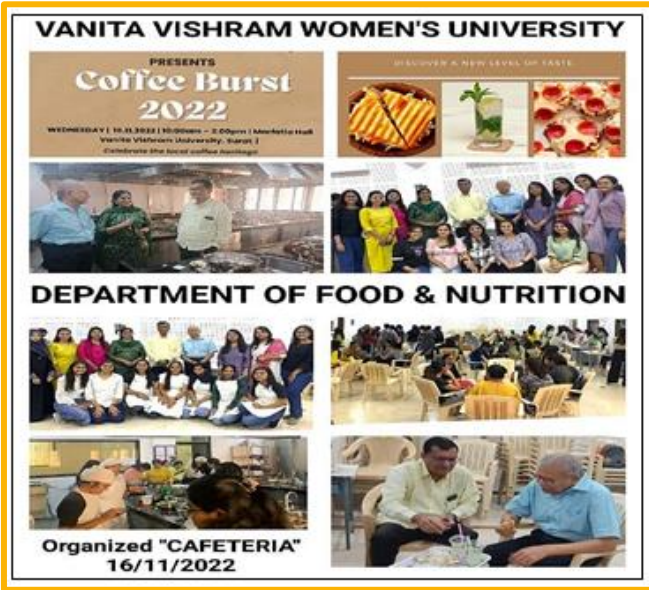
The workshop on “Ayurnutri” was conducted by Resource person- Vaidya Medha Patel, M.D (Ayu) which was organized by the Department of Food and Nutrition, School of Science and Technology to celebrate World Food Day. Ayurnutri is the combination of Ayurveda and Nutrition as Nutrition plays a central role in Ayurvedic living. 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 5 recipes (Raab, Moothiya, Sprouted seeds, Chilla, Laddoo incorporating various millets and local veggies) which focuses on promoting balance within your body by following guidelines for your specific dosha, or body type.

Educational visit to Tapi Fruit Processing PVT. LTD.

Department of Food and Nutrition, School of Science and Technology, Vanita Vishram Women's University has organized an educational visit to MoU partner Tapi Fruit Processing Pvt. Ltd. at Pipodara on 19th October, 2022. It was earlier started as “Tapi Food Products” a home scale food processing industry in May 1999 by its Founder Director Ghanshyam Lukhi as a Proprietorship firm. Tapi Fruit Processing Limited is the Manufacturer of Fruits and Vegetable Processed products like Fruit Jellies, Fruit Jam, Fruit Crush, Tutty Fruity, Tomato Ketchup, Gummies, Fruit Leather and Rolls, Candied Fruits, Sauces and Nutraceutical Gummies. The students observed the complete processing- from raw ingredients to packaged products used for exporting. Students got an exposure of current work practices in food sectors. They were also inspired for start-ups and entrepreneurship. The Founder Director Mr. Ghanshyam Lukhi motivated students to become a future entrepreneur.



Coffee Brust



The Department of Food and Nutrition, School of Science and Technology, organized a cafeteria by M.Sc. Semester III students in the subject of Institutional Food Management under the guidance of Ms. Neha Solanki. The main purpose of the programme was to provide a practical approach to the students about establishing the cafeteria. This also helped to develop entrepreneurship skills. Institutional Food Management is the art of providing food and drink aesthetically and scientifically to a large number of people in a satisfactory and cost effective manner. We are thankful to our Provost Dr. Daxesh Thakar and Dr. Manisha Vyas (Dean of SST and HoD of Food & Nutrition) to provide this wonderful opportunity for the students.

Miss. Chef Competition

“Miss. Chef” was jointly organized by the Department of Food and Nutrition and the Department of Hospitality & Tourism management, School of Science and Technology, Vanita Vishram Women's University, on 26th November 2022. Dr. Shilpee Agrawal, Assistant Professor and Ms. Kriti Gupta (Teaching Assistant) at VVW University coordinated the entire event. The competition was organized in 3 categories i.e., Mock tail, Healthy snacks, and Regional cuisines. Funny and Exciting games were planned by the students of hospitality management. The event was sponsored by the Southern Gujarat Chamber of Commerce and Industry’s Ladies Wing. Cash prizes worth 11,000/- Rupees were awarded to the winner.



Felicitated for Balmela



A unique Bal Mela for 'Deaf & Dumb' children was jointly organized by SMC, Child Friendly Surat Smart City, UHCRCE and Deaf and Dumb Development Trust, Surat on 30th September, 2022. Department of Food and Nutrition, School of Science and Technology, Vanita Vishram Women's university was actively participated in Balmela. On 30th November Deputy Collector Mr. Ashish Naik felicitated to our department.

DEPARTMENT OF PHYSICS

Workshop on 3D printing and it application in product development



Workshop on '3D printing & Its Application in Product Development Process' was organized by Department of Physics, SST, VVWU on 21st November 2022. Resource person Tejas Diyora had discussed the technicality of the 3D Printing and conducted the Live Demonstration of the 3D Printing. Program was highly interactive and Thought Provoking. Provost of VVWU Dr. Daxesh Thakar, Secretary of Vanita Vishram Shree Pravin Vora, and Dean of SST, Dr. Manisha Vyas inaugurated and graces the event with their auspicious presence. Whole event was coordinated by Dr. Hardik Desai and Dr. Sanjay Patel under the guidance of our Honourable Provost Dr. Daxesh Thakar'.

FACULTY CORNER

Dr. Manisha Vyas

Dean, SST

HoD, Department of Food and Nutrition

- Invited as a guest lecture series by Indian Dietetics Association on the topic of “Nutrition for intellectually disabled”.
- Invited as a Chief Guest at Millennium School Annual Function on 16th October 2022.
- Invited as a chief guest and delivered lecture on “Female and Kids Nutrition” on 29th October 2022 to the NSS Girls.
- Invited by Surat Municipal Corporation for a book writing on 11th November 2022.
- Invited as an Expert in commerce college of VVWU, Surat on 16th October, 2022.
- Felicitation by JCI, Baroda on 5th November, 2022.



Dr. Shilpee Agrawal

Assistant Professor

Department of Food and Nutrition

- Invited as Judge in “Corn Test” competition on 3rd September, 2022 organized department of Hospitality and Tourism Management.
- Invited as a guest lecture series by Indian Dietetics Association on the topic of “Nutrition and Type II Diabetes Mellitus” on 19th September 2022.
- Invited as Judge in “Nutritious Recipe” and “Food Station” Competition organized by SPTM College of Arts and Home Science on 23rd and 24th September, 2022.
- Invited by Urban Health centre, Panasgam, SMC for a session on “Healthy Food Habits” to Aaganwadi on 11th November, 2022 on Mamta Divas.
- Invited as a Guest speaker for Teacher’s Workshop on “Holistic Nutrition” organized by Unnati English Academy, Surat on 12th November, 2022.

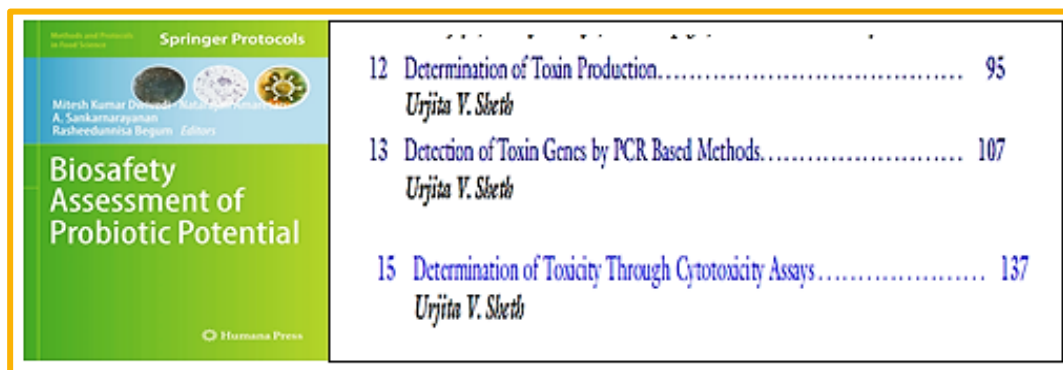


Dr. Urjita Sheth

Assistant Professor and HoD
Department of Biotechnology

Published 3 Book chapters in book by Springer Nature on “Biosafety Assessment of Probiotic Potential” in the month of September

- Sheth, U.V. (2022). Detection of Toxin Genes by PCR Based Methods. In: Dwivedi, M.K., Amaresan, N., Sankaranarayanan, A., Begum, R. (eds) Biosafety Assessment of Probiotic Potential. Methods and Protocols in Food Science. Humana, New York, NY. https://doi.org/10.1007/978-1-0716-2509-5_13
- Sheth, U.V. (2022). Determination of Toxin Production. In: Dwivedi, M.K., Amaresan, N., Sankaranarayanan, A., Begum, R. (eds) Biosafety Assessment of Probiotic Potential. Methods and Protocols in Food Science. Humana, New York, NY. https://doi.org/10.1007/978-1-0716-2509-5_12
- Sheth, U.V. (2022). Determination of Toxicity Through Cytotoxicity Assays. In: Dwivedi, M.K., Amaresan, N., Sankaranarayanan, A., Begum, R. (eds) Biosafety Assessment of Probiotic Potential. Methods and Protocols in Food Science. Humana, New York, NY. https://doi.org/10.1007/978-1-0716-2509-5_15



Dr. Hitesh Jasani & Dr. Avani Shah

Assistant professors
Department of Microbiology

Students of different schools & colleges from all over Gujarat were invited in the opening ceremony of 36th National Games at Narendra Modi Stadium, Ahmedabad on 29th September 2022. Both the professors accompanying with 45 students of VVWU (23 NCC cadets and 22 NSS volunteer) attended the ceremony and returned early morning on 30th September 2022.



Dr. Suchitra Savant

Assistant Professor and HoD
Department of Chemistry

Invited as a judge in the “Traditional Food Festival” event pertaining to the intra-collegiate competition organized by the Department of Food and Nutrition, SST, VVWU on 8th September, 2022.

Dr. Ishita Desai

Assistant Professor
Department of Microbiology

She reviewed a book “Tatvamasi” written by Dhruv Bhatt in the 29th Session of ‘ABHIGYA’ – A MONTHLY BOOK REVIEW SERIES organized by School of Commerce and Business administration. She was felicitated by Dr. Neha Raval and Mr. Shivam Mehta, the coordinators of the event.



Dr. Amit Purohit, Dr. Ishita Desai, and Ms. Alpa Vaniya

Assistant Professor and Lab assistant
Department of Chemistry, Microbiology, & Physics

Dr. Ishita Desai won prize in ‘Best action in female’, Dr. Amit Purohit in ‘Best action in male’ and Ms. Alpa Vaniya in ‘Best dress’ amongst all the faculties of VVWU at “Ramzot 2022” Navratri.



Dr. Jitendra Pal

Assistant Professor and HoD
Department of Botany

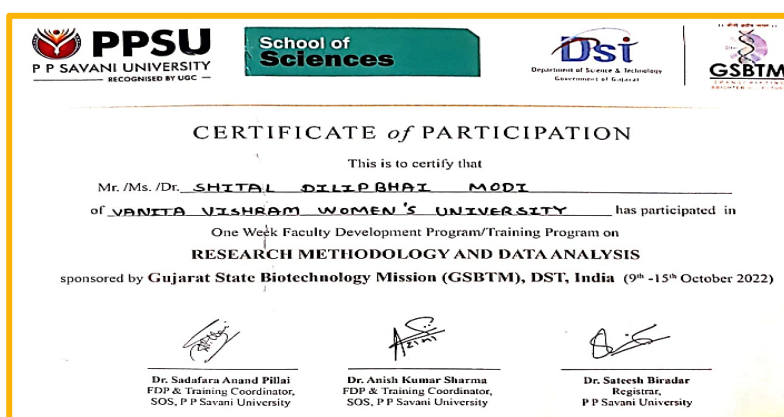
He guided three students of Biotechnology department for the “Hackathon 2022” organized by SSIP-Gujarat at Veer Narmad South Gujarati University on 7th and 8th October 2022 as a part of Azadi ka Amrit Mahotsav. His team had successfully presented some solutions for topic "Innovative agriculture inputs products to promote natural farming and improve soil health" and was short listed for the Regional round.



Dr. Shital Modi

Assistant professor
Department of Chemistry

Attended "One week Faculty Development Program/ Training Program (Hybrid mode) on Research Methodology and Data Analysis" sponsored by Gujarat State Biotechnology Mission (GSBTM), DST, India and organized by School of Sciences, P. P. Savani University from October 9 to 15, 2022.



Dr. Padmashree Patel and Dr. Avani Shah

Assistant professors
Department of Microbiology

First Residential NSS camp was organized by VVWU from 29th October to 4th November at Dahiben Pithawala Kanya Vidhyalay, Bhimpore, Surat under the mentorship of Provost Dr. Daxesh Thakar. Both the professors stayed at the camp site for all seven days along with 75 NSS volunteer students. Both of them actively participated in every aspect of the camp including the safety of all the students from the beginning along with the VVWU NSS committee coordinator Dr. Neha Raval. Provost Dr. Daxesh Thakar and all the faculty members congratulated them on the successful completion of first NSS residential camp of VVWU.



Dr. Payal Jain

Assistant professors

Department of Food and Nutrition

- Recently Published a book entitled “Community Nutrition and Maternal and Child Nutrition” in association with Mrs. Minakshi Tripathi, Associate Professor, Department of Food and Nutrition, Sheth P.T. Mahila College of Arts and Home Science, Managed by Vanita Vishram, Surat, with ISBN No. 978-93-92575-12-9, Prism Books India Publisher.
- Invited as a Resource Person for the celebration of International Years of Millets 2022 by SVNIT, Surat dated, 15/10/2022 for the expert talk on creating awareness about millets and nutritional potential of millets.
- Invited as an Expert Speaker in Career day programme organized by National consultancy at Bhulka Vihar School, Pal on 4/12/2022 to represent the department of Food and Nutrition as a Paramedical field.



Dr. Yogesh K. Kadam

Assistant Professor

Department of Chemistry

Attended webinar under Science Meets Business Innovation Series on “Smart Manufacturing Supporting Green Technologies” organized by ANSTO (Australian Nuclear Science and Technology Organisation) on November 9, 2022.



Dr. Dikshan N Shah

Assistant Professor
Department of Computer Science

He becomes Review Board Member of “Medico open access Journal”. And also successfully completed a free online course on” Data Visualization Using Tableau.”

Dr. Bhumika Charanad & Ms. Harsha Khurana

Assistant Professor, Adhoc Assistant Professor
Department of Computer Science

Both of them had successfully completed “15th Online Short Term Course on Research Paper Writing” during 07/11/2022 to 13/11/2022 organised by UGC – Human Resource Development Centre, Gujarat University, Ahmedabad.



Ms. Soniya Shukla, Ms. Manisha Mistry, Ms. Reshma Patel, Ms. Shruti Prajapati, Ms. Aashi Parikh

Teaching Assistants
Department of Computer Science

All of them had successfully completed “10th Online Short Term Course on ICT” during 07/11/2022 to 13/11/2022 organised by UGC – Human Resource Development Centre, Gujarat University, Ahmedabad.





Farewell to Dear Colleagues and Friends

School of Science and Technology gave a heavy heart farewell to their two most promising and hardworking professors; Dr. Amit Purohit (Assistant Professor, Chemistry) and Dr. Apurva Patel (Assistant Professor, Microbiology) on 17th November 2022. Provost Dr. Daxesh Thakar Sir sent his best wishes to both these professors. Dr. Manisha Vyas (Dean, SST), Dr. Abhilasha Agarwal (Dean, SCBM), Dr. Vrajesh Patel (Principal, SPTMC), Dr. Gaurav Thakrar (COE, VVWU) and all the staff members were present to share their memorable experiences with these two gems. Both the professors were felicitated with the Appreciation letter and token of love from their fellow colleagues.



STUDENT'S CORNER



Ms. Kazi Foziya and Rima Chakraborty (M.Sc. SEM – III) Organic Chemistry won the 1st Prize amongst 160 participants of various institutes of South Gujarat in “Inter College Quiz and Elocution competition” organized by the Chemistry Department, Veer Narmad South Gujarat University on 12th September 2022. They were felicitated with the trophies and certificates by the Vice chancellor of VNSGU. Dr. Maryam Bagia coordinated the event.



Ms. Shikha Pandey (SY Microbiology)

- Won 1st prize in Poem recitation on Hindi Diwas organized by School of Humanities and Social Sciences on 14th September 2022
- Won 3rd prize in Elocution Competition on the occasion of ‘NSS day’ at Hemchandracharya University, Patan, Gujarat from 22-24th September 2022.
- Won 2nd prize in Elocution Competition organized by NSS unit of VVWU on account of “Climate Change youth outreach programme.” on 26th September 2022

Ms. Ayesha Noorani (FY BCA) won 3rd rank in निबंध लेखन on the occasion of ‘Hindi Divas’ organised by School of Humanities and Social Sciences on 14th September 2022.





Ms. Darshana Bhatt, (M.Sc Microbiology Sem-3) won 1st prize in Caram playing competition as a part of 36th National Games awareness campaigning “Celebrating Unity through Sports” on 15th of September 2022.



Ms. Akanksha Yadav, (SY Microbiology) (4th from left) won 2nd prize in Caram playing competition as a part of 36th National Games awareness campaigning “Celebrating Unity through Sports” on 15th of September 2022.



Ms. Zaveri (FY, BCA), Ms. Prachi Panwala (SY, BCA) won 1st and 3rd prize respectively in the Badminton tournament organised by Department of Physical Education and Sports & NSS Unit of Vanita Vishram Women's University, organized "Sports Tournaments" as a part of 36th National Games Awareness Campaign “Celebrating Unity through Sports” on 15th and 16th September 2022. In the same event **Ms. Safa Bhimani (FY BCA)** won 3rd prize in Table Tennis tournament.



Ms. Shreenidhi Khandal (FY Chemistry, extreme right) won the 1st Prize in a Chess tournament competition in the event “Sports Tournaments” organized by Department of Physical Education and Sports & NSS unit of Vanita Vishram Women’s University as a part of 36th National Games Awareness Campaign “Celebrating Unity through Sports” on 15th and 16th September 2022.



Ms. Aradhana Nakrani & Ms. Mitanshi Lakhani, (M.Sc. SEM – III) Organic Chemistry won the 3rd prize amongst 46 participants of various institutes from South Gujarat in "Mystery of Chemistry" - An Intercollege Chemistry Project Competition organized by the Chemistry Department, Veer Narmad South Gujarat University on 16th September 2022. They demonstrated a live experiment of Lava Lamp and explained the chemistry behind it to the juries of the event. They were felicitated with the trophies and certificates by the Vice Chancellor of VNSGU. Dr. Maryam Bagia coordinated this event.



Ms. Urvisha Satasiya (SY BCA) won 3rd rank in Solo Singing competition organized by Hemchandracharya North Gujarat University, Patan, Gujarat on the occasion of "NSS Day" celebration on 22th September to 24th September.



Ms. Jinal Pandya, (SY Microbiology) won 1st prize in Elocution competition organized by NSS unit of VVWU on account of "Climate Change youth outreach programme" dated 26th September 2022.



Ms. Hiba Shaikh, Priyanka Khelvalkar, Khyati Prajapati, Foram Patel, Dhruvi Saliya (M.Sc Microbiology Sem-1) won 1st prize in Group discussion competition organized by NSS unit of VVWU on account of "Climate Change youth outreach programme." dated 27th September 2022.



Ms. Radhika Singh, Neha Mishra, Kashaf Pathan, Zainab Zainab, Avantika Shukla (SY Biotechnology) won 2nd prize in Group discussion competition organized by NSS unit of VVWU on account of “Climate Change youth outreach programme.” dated 27th September 2022.



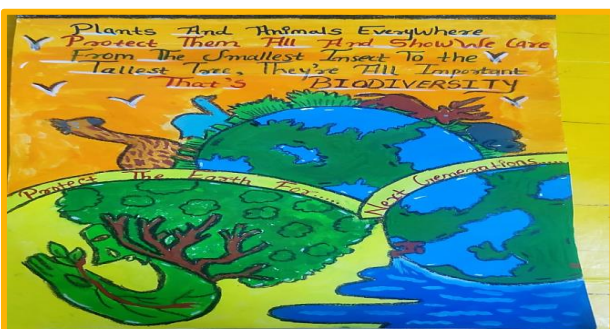
Ms. Pandya Jinal, Ms. Solanki Rajeshwari, Ms. Shaikh Salehparvin (SY Microbiology) won 1st prize at the World Tourism Quiz organized by the Department of School of Vocational Studies and Science on 27th September 2022.



Ms. Rahila Shaikh (M.Sc. Chemistry Sem-1) won 1st prize in Slogan writing competition organized by NSS unit of VVWU on account of “Climate Change youth outreach programme.” dated 28th September 2022.



Ms. Tanvi Shukla (M.Sc. Chemistry Sem-1) won 2nd prize in Slogan writing competition organized by NSS unit of VVWU on account of “Climate Change youth outreach programme.” dated 28th September 2022.



Ms. Kashaf Pathan (SY Biotechnology) won 2nd prize in Slogan writing competition organized by NSS unit of VVWU on account of “Climate Change youth outreach programme.” dated 28th September 2022.



Ms. Shruti Jha (second right), **Anjali Dhal** (extreme right) and **Janvi Ranipa** (extreme left) (SY Microbiology) won 1st, 2nd and 3rd prize in Innovative idea for combating climate change competition organized by NSS unit of VVWU on account of "Climate Change youth outreach programme." dated 29th September 2022.



Ms. Bhavika Joshi (SY Microbiology) won 1st prize in Essay writing competition organized by NSS unit of VVWU on account of "Climate Change youth outreach programme." dated 30th September 2022.



Ms. Ishita Masalawala (M.Sc Microbiology Sem-3) won 1st prize in the Best Dress competition at "Ramzat 2022" Navratri celebration on 1st October.



Ms. Sonal Parmar (SY Microbiology) secured 2nd place and received Silver Medal in - 45 kg weight category in the 8th Surat District Shotokan Karate championships 2022 held at Punagam, Surat on 2nd October 2022.



Ms. Anjali Dhal (SY Microbiology) along with two other students participated in the "Azadi ka Amrit Mahotsav "Hackathon 2022" organized by SSIP-Gujarat at Veer Narmad South Gujarati University on 7th and 8th October 2022. The team presented and worked constantly for 36 hrs and the team was selected for the Regional round presentation.



Ms. Neha Mishra, Riddhi Mashruwala and Radhika Singh (SY Biotechnology) under the guidance of Dr. Jitendra Kumar Pal, short listed in regional round and selected for next round in "Azadi ka Amrit Mahotsav "Hackathon 2022" organized by SSIP-Gujarat at Veer Narmad South Gujarati University on 7th and 8th October 2022. Team has successfully presented some solutions for topic " Innovative agriculture inputs products to promote natural farming and improve soil health"



Ms. Gautam Muskan and Yadav Neha (SY Chemistry Sem – III) won the 1st Prize in “Treasure Hunt” competition in the event “Rethinking Tourism” organized by School of Vocational Studies, Department of Hospitality and management on the occasion of World Tourism Day- 2022. They were felicitated with medals.



Ms. Muduli Rutushree, (SY Chemistry Sem-III) secured 3rd prize in “Painting competition” organized by the Department of Fashion Designing, School of Vocational Studies on the occasion of Celebration of Gandhi Jayanti on 3rd October 2022.



Ms. Gautam Muskan, Yadav Neha and Maurya Sneha, (SY Chemistry Sem-III) secured 1st Position in “Miss. Chef competition” under the category of Regional Cuisine Competition organized by Department of Hospitality and Tourism Management (SVS) & Department of Food Science and Nutrition (SST) on 26th November, 2022. They won a cash prize.



Ms. Manisha Banshiwal (SY BCA) and Ms Venisha Radadiya (FY BCA) were selected in Vanit Visharam Women’s University Volleyball team and Participated in West Zone Inter University Tournament at Sant Gadge Baba Amravati University, Amravati on 30th October to 4th November 2022.

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