

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

# SAPIENCE

E-Newsletter for the  
School of Science and Technology

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*“In theory, theory & practice are  
the same. In practice, they are not.”*

*Benjamin Brewster*

## “ARAMBH” 2023

School of Science and Technology **organized one week orientation program** a First-year students of B.Sc., M.Sc. and PG Diploma in second week of July 2023. Different activities like campus hunt, cultural program, gaming etc were conducted during these days. In Campus hunt, tasks were given to the students to find different 13 spots of our campus with the help of different clues. A team of 8-10 students were assigned task that helped them to gel with each other. At each spot, student volunteers were deputed to give them information of that particular spot and gave another clue for next spot. At the end winning team who found all the spots and came first were awarded. All the students enjoyed this whole event a lot. In spite of rains students roamed all over the campus to find the spots. Event was coordinated by Ms. Aishwarya Desai, Ms. Pooja Shukla whereas cultural event was coordinated by Dr. Ishita Desai. under the guidance of our respected Provost Dr. Daxesh Thakar and Dean, Dr. Manisha Vyas.



- **BCA Orientation Program**

The department of computer science conducted Orientation Event with great enthusiasm for first semester BCA students on 19th August 2023 on 11:00 am to 12:00 pm. There were around 300 newly joined students of First year BCA. All the FYBCA students and teachers were invited for this Orientation Programme. The major objective of the program was to make the students aware of the academic aspects of the course, the rules and regulations of the institute and ensuring parental participation in monitoring the performance and progress of students. Dean & Head of Department of Computer Science Dr. Nirali Dave welcomed the guests and new FYBCA students for the orientation programme. The honourable provost of VVWU Dr Daxesh Thakar who motivated the students in their poetic manner as to how great heights can be scaled even in adverse situations, through uncompromising goal setting, hard work, dedication and determination. At the end of programme, Mr. Jignesh Patel, Teaching Assistant, VVWU has delivered vote of thanks.



- **B. Sc.IT. Orientation Program**

The department of computer science conducted Orientation Event with great enthusiasm for first semester students on 19th July 2023 on 1:00 pm to 3:00 pm. There were around 250 newly joined students of First year M. Sc.IT. All the M. Sc.IT students and teachers were invited for this Orientation Program. The major objective of the program was to make the students aware of the academic aspects of the course, the rules and regulations of the institute and ensuring parental participation in monitoring the performance and progress of students. The Program started with Inauguration of the program has been done with lighting lamp by respected Provost Dr. Daxesh Thakar, M.C. Desai Sir, Dr. Apurva Desai and Dean Dr. Nirali Dave. Chief Guest

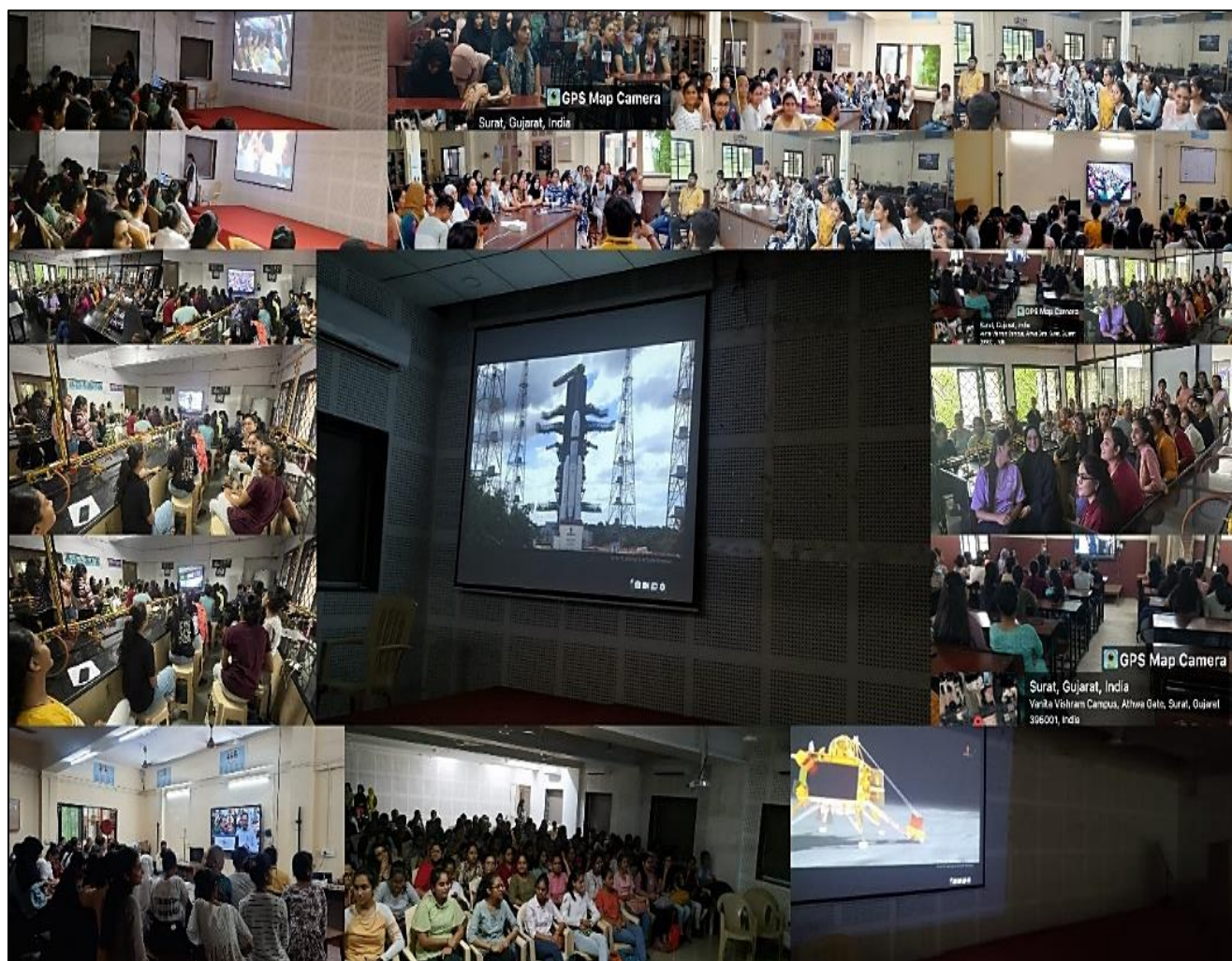


of the event is Dr. Apurva Desai who is the Professor and Head of Department of Computer Science at Veer Narmad South Gujarat University. Grand Launching of M. Sc.IT Program by our Provost Dr. Daxesh Thakar, M.C. Desai Sir, Dr. Apurva Desai, Dean Dr. Nirali Dave and our Faculty members followed by cake cutting. At the end of programme, Mr. Dikshan Shah has delivered vote of thanks to audience.



## “WE, THE INDIANS ARE ON THE MOON”

A proud moment for India was witnessed by young students of School of Science and Technology, Vanita Vishram Women's University. Live Streaming of Launching LVM3M4-Chandrayan-3 into space by ISRO was arranged by Department of Chemistry, Biotechnology, Food & Nutrition and Microbiology. Girl students of UG and PG of Faculty of Science were motivated by this successful launch led by a female S. Kumar. All the students were extremely enthusiastic to be a part of this live streaming. The event started at 2.00 pm by ISRO showing the basic information of the module of the Chandrayan-3. All the faculties also witnessed this remarkable event with students and cheered loud as proud Indians for the ISRO scientists. This event was coordinated by Dr. Swati Patel, Dr. Hitesh Jasani, Dr. Hardik Desai, Dr. Sanjay Patel, Dr. Avani Shah & Ms. Aishwarya Desai under the guidance of Provost Dr. Daxesh Thakar and Dean of SST, Dr. Manisha Vyas.





# Department of Chemistry

- **Memorandum of Understanding (MOU)**

A Memorandum of Understanding was signed between the **Department of Chemistry**, School of Science and Technology, Vanita Vishram Women's University & **Modi GMP Services (Ahmedabad)** on **11<sup>th</sup> August 2023**. Dr. Daxesh Thakar (Provost-VVWU), Mr. Ashok Modi (Founder Modi GMP Services), Dr. Vijay Radadiya (Placement Officer-VVWU), Dr. Manisha Vyas (Dean-SST), Dr. Suchitra Savant (HoD, Department of Chemistry, SST) and Dr. Shital Modi (Asst. Professor - Chemistry Department, SST) remained present to sign the MoU.



- **Workshop on Beginning a Career in Industry: Challenges, Do's and Don'ts**


A workshop on Beginning a Career in Industry: Challenges, Do's and Don'ts was organized by the Department of Chemistry on 11/8/2023 wherein around 80 students from Chemistry, Microbiology, Food and Nutrition Departments completed 3 hrs training in the workshop. The Resource Person & MoU Partner Mr. Ashok Modi who is a Founder of Modi GMP Services briefed the students about various positions available for freshers in Industries and explained about related skills. He also provided a brief idea to tackle tricky questions that may appear during the interview. The event was informative, interactive and enriching for the students. The event was planned under the active MoU with the support and motivation of Hon'ble Provost Dr. Daxesh Thakar Sir under the guidance of Dean, Faculty of Science Dr. Manisha Vyas, Training and Placement officer Dr. Vijay Radadiya and Head of Chemistry Department Dr. Suchitra Savant. The event was elevated by the unforeseen presence of Secretary of Vanita Vishram, Shri Manhar C. Desai. The Workshop was coordinated by Dr. Shital Modi and Dr. Maryam Bagia.



- **An educational Visit to Regional Forensic Science Laboratory, Surat**

Postgraduate Students of Department of Chemistry visited the Regional Forensic Science Laboratory, Surat accompanied by Dr. Shital Modi on 22<sup>nd</sup> August 2023. The visit has provided a comprehensive understanding of the intricate processes, advanced technologies, and dedicated professionals that contribute to the field of forensic science. Students witnessed the practical/on field application of science. Students got an In-depth Knowledge of Forensic Techniques. The visit offered a first-hand look at the various forensic techniques used for analyzing different types of evidence. The visit covered fingerprint analysis, DNA testing, toxicology, trace evidence examination, and digital forensics, highlighting the precision in each field and the integration of science and justice. The visit was an eye-opening experience that broadened horizons and enriched knowledge about the world of forensic science. The visit was coordinated by Dr. Swati Patel, Asst. Professor in Microbiology.



 **GPS Map Camera**

**Surat, Gujarat, India**  
32, Ring Rd, near kessi circle, New Textile Market, Surat, Gujarat  
395002, India  
Lat 21.199419°  
Long 72.841879°  
22/08/23 02:01 PM GMT +05:30





# Department of Computer Science

- **Inaugural Function of New Computer Lab**

Department of Computer Science, Vanita Vishram Women's University, Surat organized the inauguration of the Computer Lab on July 20, 2023 Thursday at the Computer Lab - Annex Building - C building, from 12:15p.m. onwards. The function began with the ribbon cutting of the Computer Labs by Hon'ble Shri Kriplani T. Desai – Chairman, Vanita Vishram, Surat, Shri Pravin T. Vora - Vice Chairman, Vanita Vishram, Surat., 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 visited the labs. The primary objective of the inaugural function is to formally open and introduce the newly established computer lab to the university, including students, teachers, parents, and other stakeholders. The function aims to showcase the state-of-the-art computer lab, its facilities, and the advanced technology it offers. This allows attendees to understand the resources available for students' learning and development. The Computer Lab has 200 high-tech computers with all the peripherals and a high-speed wi-fi connection with the latest configurations





- **BRIDGE- COURSE 2k23**

Department of Computer Science VVWU Organized Bridge course of three day's was conducted for FYBCA and MSc IT students from 20th July to 22nd July 2023. The main objective of this course was to give them a comprehensive overview of their respective programs, including their structure and the available resources to support their academic journey. Additionally, we incorporated brainstorming, psychology, and Food & Nutrition sessions to foster the holistic development of the students. On the first day, we started with an introductory session on computers, along with engaging brainstorming activities. Moving on to the second day, BCA students participated in a captivating psychology session focused on the topic of " Mental Health." This informative session was conducted by Dr. Aditya Fersole, Ms. Mahek Agarwal and Ms. Ananya Bajaj, which provided the students with valuable insights into mental health and its significance in their lives. Similarly, MSc IT students had an enlightening Food and Nutrition session conducted by Dr. Manisha Vyas, Dr. Shilpee Agrawal and Dr. Payal Jain. Lastly, on the third day, we conducted an online quiz covering the basics of computers, engaged in team-based activities, and concluded the bridge sessions with a valedictory event and received overwhelmingly positive response from students. Event is co-ordinated by Dr. Dikshan shah and Ms. Harsha Khurana. Entire session was organized under the guidance and support of Dr. Daxesh Thakar (Honourable provost) and HOD Dr. Nirali Dave (Dean - Faculty of computer science and Information technology).



- **MOU signing ceremony**

The Memorandum of Understanding (MOU) Signing Ceremony took place on 5th August 2023 at Department of Computer Science. The event marked a significant step in fostering collaboration and partnership between Department of Computer Science, Vanita Vishram Women’s University and Easysell, Case point, VPN infotech, SSM Infotech, White lion, Daydreams Soft LLP, PAR Solution. The ceremony aimed to solidify the intentions of both parties to work together towards common goals and objectives. The event gathered prominent figures from both organizations, creating an atmosphere of anticipation and excitement. Dr. Dikshan Shah welcomed all attendees and introduced the purpose of the ceremony. The keynote addresses underscored the strategic importance of the collaboration and its potential impact on various sectors. Dr. Vijay Radadiya provided an overview of the Memorandum of Understanding, emphasizing its key points and collaborative initiatives. Both parties signed the MOU, symbolizing the formal agreement between the two entities. Copies of the signed MOU were exchanged between the parties as a gesture of mutual commitment. Event is co-ordinated by Dr. Dikshan shah & Entire session was organized under the guidance and support of Dr. Daxesh Thakar (Honourable provost) and HOD Dr. Nirali Dave (Dean - Faculty of computer science and Information technology).





• **Session on Sales Force**

Department of Computer science, School of Science and Technology, VVWU arranged workshop on salesforce for T.Y.B.C.A students Resources person Mr. Nikhil More from Cognizant Technology Solutions India Pt. Ltd was gives knowledge about cloud computing, salesforce with live demonstration in computer lab. 50 students of T.Y.B.C.A benefitted from this live cloud computing workshop in computer lab. The workshop was conducted under the guidance of Dr. Nirali Dave - Dean- Faculty of Computer Science and information technology. It was co-ordinated by Dr. Dikshan Shah.



- **Interview Preparation for TYBCA**

Department of Computer science, School of Science and Technology, VVWU arranged Interview preparation: Aptitude test for T.Y.B.C.A students. Around 164 students of T.Y.B.C.A benefitted from this interview preparation for aptitude test. The aptitude test was planned with support and motivation of Hon'ble Provost Dr. Daxesh Thakar sir under the guidance of Dr. Nirali Dave - Dean - Faculty of Computer Science and information technology. It was managed by Ms. Aashi Parikh, Ms. Shruti Prajapati and co-ordinated by Dr. Dikshan Shah.



- **Session on Chandrayaan-3**

Department of Computer Science, VVWU organised special talk on "Chandrayaan-3 India's Giant Leap in Space Exploration" for FYBSc.IT Sem -1 students on 24th August 2023 for celebrating the success of Chandrayaan-3 soft landing Resource Person: Dr. Hardik Desai (HoD, Assistant Professor, Department of Physics) discussed about the soft landing of Chandrayaan-3. Around 237 Students of F.Y. B.Sc. IT attended the session and get Information about the topic. The session was conducted under the guidance of Hon'ble Provost Sir Dr. Daxesh Thakar, Dr. Nirali Dave- Dean- Faculty of Computer Science and Information Technology. It was coordinated by Dr. Hemangini Patel and Ms. Manisha Mistry.





- **Session on Application Development for Apple platform**

Department of Computer Science VVWU organized a Live Workshop on "Application Development for Apple platform" for T.Y. BCA students on 26th August 2023. Resource person Mr. Akash B. More from Simform and Mr. Hemant Gayder from WP INFOTECH was gives knowledge about apple application designing, database connectivity, deployment using iOS. In total 23 students were benefitted by live workshop of application development. The session was well coordinated by Dr. Dikshan Shah (Assistant professor), Department of Computer Science and Ms. Aashi Parikh, Ms. Shruti Prajapati (Teaching Assistant in Department of Computer Science) The live workshop was planned with support and motivation of Hon'ble Provost Sir Dr. Daxesh Thakar sir under the guidance of Dr. Nirali Dave - Dean - Faculty of Computer Science and information technology.





- **Seminar on Modern Era Codebot**

Department of Computer Science VVWU organized an Industry visit in "Amazon Digital Kendra - Easysell for S.Y. BCA students on 25th August 2023. Mr. Sandip Kathiriya from Amazon Digital Kendra - Easysell gave knowledge about Online products management using website and application. About 43 students were benefitted by this industry visit. The session was well coordinated by Ms. Aashi Parikh and Ms. Shruti Prajapati (Teaching Assistants in Department of Computer Science) The visit was planned with support and motivation of Hon'ble Provost Sir Dr. Daxesh Thakar under the guidance of Dr. Nirali Dave - Dean - Faculty of Computer Science and information technology.



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- **Modern Era Codebots Using Python**

Department of Computer Science at VVWU organized a seminar on Modern Era Codebots Using Python for F.Y. BSC (IT) students on August 29, 2023. Resource person Mr. Ankur Makadiya from Day Dreams Soft LLP gave knowledge about developing Python websites with App Studio, model applications, and customization. In total, 150 students benefitted from the seminar on codebots. The session 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). 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.





# Department of Food & Nutrition

- **Pabulum Series on “Sickle Cell Anaemia Awareness”**

“World Sickle Cell Awareness Day” was held on 19th June, 2023, observed annually with the goal to increase public knowledge and an understanding of sickle cell disease, and the challenges experienced by patients and their families and caregivers. On this auspicious day, Dr. Vikas Desai (Director of UHCRC) and Dr. Avni Shah (Assistant Professor, VVWU) were invited as resource persons to enlighten the importance of sickle cell prevalence and awareness. Dr. Vikas Desai highlights the prevalence of Sickle cell anaemia and awareness programs need to be worked. Dr. Avni Shah shared the information about the disease, healthcare support and social stigma associated with sickle cell disease. The aim of the event was to draw attention to the patients and their families affected by the disease and to advocate for improved healthcare services, research and support systems.



- **Guest Lecture on “Food & Psychology”**

Guest Lecture held on “Food & Psychology” for the students of Food & Nutrition as well as open for other students too on 11<sup>th</sup> July, 2023 at 1.00 pm. The session was conducted by resource person Dr. Aditya Farsole, HoD of Psychology, SOHASS, Vanita Vishram Women's University who guided the students on the relationship between food & psychology in a very fascinating yet educative way. The students didn't only learn but enjoyed it by heart. It was an incredible experience to be part of such an amazing session.



- **Guest Lecture on “Growth & Development- Nature Vs Nurture”**

A guest lecture organized on "Growth and Development: Nature vs Nurture" on 15th July, 2023. Ms. Smriti Juneja, Assistant Professor in ECCE, School of Vocational Study, was the Resource Person. She addressed the B.Sc. and PG students of the Food and Nutrition Department. Our resource person enlightened about the “nature vs. nurture”, the question of how much a person's characteristics are formed by either “nature” or “nurture.” The main objective of this lecture was to understand the relationship between growth & development and the impact of nature and environment on an individual's personality.



**VANITA VISHRAM WOMEN'S UNIVERSITY**  
**School of Science & Technology**  
**Department of Food & Nutrition**



**Guest Lecture Series -1**  
**"Growth & Development: Nature vs Nurture"**



**15/07/2023**

• **Workshop on “Ritucharya and Nutrition Monsoon Special”**

A workshop on “Ritucharya and Nutrition- Monsoon Special ” organized by Department of Food and Nutrition collaboration with the members of Mahila Sahakari Udyog Mandir Ltd., UHCRCE and PSRSS. Dr. Vikas Desai has discussed the climate change of Surat city over the years and the impact on dietary practices during the Ritucharya (Monsoon). Dr. Payal Jain discussed the myths and facts to include and exclude various foods during the monsoon season. Ved. Jagrut Patel discussed the important aspects of monsoon season and how we can modify our diet according to Ayurveda science. Dr. Ishita Desai (Assistant Professor, Microbiology Department, VVWU) enlightened the beneficial effect of probiotics for healthy gut flora especially in monsoon. Further, open discussion was started with the participants regarding most susceptible groups and disease prevalence during the monsoon season. Two



MoU signed between VVWU & UHCRCE & Mahila Sahakari Udyog Mandir Ltd. Ms. Bhakti Panchal from Krushi Vigyan Kendra guided about the microgreen and its home gardening.



- **“Eat Right Millet Mela & Walkathon”**

Participated in the “Eat Right Millet Mela & a Walkathon” on 23.07.2023 at Veer Narmad South Gujarat University, Surat, Gujarat. The event was organised by Food Safety & Standards Authority of India (FSSAI). Our 2nd year Master students actively participated in the exhibition and set up a stall during the Eat Right Millet Mela scheduled on 23rd July 2023. The students exhibited various interesting games on millets named as “Riddle N Ring”, “Spine N Win”, “Blind Fold”, etc. Students got an opportunity to educate people about millet, spread awareness about the importance of millets and their health benefits to a wider audience. The main motive of the event was to reach out to maximum people and be aware about the types of millets. The event was coordinated by Dr. Shilpee Agrawal under the guidance of Dr. Manisha Vyas, Head and Dean, SST.

# Vanita Vishram Women's University



School of Science and Nutrition  
Department of Food and Nutrition



Eat Right Millet Mela and Walkathon  
23/07/2023





## Department of Microbiology & Biotechnology

- **Student's' visit to a blood donation camp**

Department of Microbiology & Biotechnology arranged a visit of blood donation camp for third year students which was organized by NSS Unit of VVWU on the occasion of World's Blood Donor's Day on 15<sup>th</sup> June 2023. Students got the information of each and every aspect of blood donation from start with the basic what are the criteria for blood donation to how the blood is been drawn from the donor. Dr. Avani Shah, Assistant Professor, Microbiology department gave all deep-down information and solved the queries of students for blood donation.



- **Seminar on how to prepare for UPSC exams**

Department of Microbiology organized a seminar on "UPSC exam Information" for the third-year students on 17<sup>th</sup> June 2023. Ms. Ranipa Janvi and Ms. Vala Sadhna (TY Microbiology Sem-V) were the spoke persons for the session. Both of them explained the basic criteria regarding UPSC exams along with detailed information of the Prelims exam, Mains exam and the Interviews. Janvi and Sadhna delivered the seminar in very easy yet effective style and engaged their fellow classmates also answered their queries. Both these students were felicitated with the token for their efforts by Dr. Jitendra Pal and Dr. Ruchi Jariwala. We heartily thank Janvi and Sandha for the same. Both these students are preparing for UPSC exams from last two years. All the attendees wished both of them best of luck for their future UPSC exam.





- **Poster presentation of dissertation work done by M.Sc. Microbiology students**

Department of Microbiology arranged the poster presentation of project work done by Final year students of M.Sc. Microbiology on 20<sup>th</sup> June 2023. Total 48 posters were presented and evaluated by our faculties Dr. Jinal Naik, Ms. Pooja Shukla and Ms. Aishwarya Desai. Students of UG and PG of Microbiology, Biotechnology and Chemistry had also visited and got the inside of different topics of project. All the faculties congratulated the students.



- **Celebration of Guru Purnima by students**

All the UG and PG students on the occasion of Guru Purnima arranged special celebrations for all the faculty members of Microbiology and Biotechnology on 3<sup>rd</sup> July 2023. The arrangements like cake cutting, flower showering, mimicry of the faculty members, speeches, poetries, gifts etc. made this day memorable and emotional for all their faculties. We wished them all the success in their future endeavours.



- **Preparation for National level entrance exams after B.Sc.**

An informative academic session on “Preparation for Entrance exam after B.Sc.” organized by Department of Biotechnology & Microbiology on 22<sup>nd</sup> July 2023. Spoke person, Ms. Megha Mehta who is currently pursuing M.Sc. Biotechnology at IIT Roorkee qualified many entrance exams like DBT Government of India (GAT-B, All India Rank-15), GATE-



Biotechnology (All India Rank-182), IIT JAM Biotechnology (All India Rank-46), and NEET UG (Qualified for MBBS). Ms. Megha gave each and everything very minutely that includes; what are the exams that you should target after B.Sc., how to prepare for them, what topics to be covered, what are the sources for the material, strategies for cracking the exams, qualities to inculcate in order to become disciplined and prepare for exams etc. All the TY students of Microbiology and biotechnology got really good opportunity to hear all these from the topper herself. We, on behalf of Vanita Vishram Women's University, Department of Biotechnology and Microbiology, our respected Provost Sir, Dr. Daxesh Thakar, Dean, Dr. Manisha Vyas, HoDs, Dr. Pinakin Dhandhukia, Dr. Urjita Sheth, all the faculty members and students acknowledged Ms. Megha's efforts and wished her best luck for the coming endeavours. The session was coordinated by Dr. Urjita Sheth and Dr. Ishita Desai



- **A drama based educational event “ACT THE FACT”**

Department of Microbiology & Biotechnology organized a drama-based education event named “ACT THE FACT” on 8<sup>th</sup> July 2023 at Marfatiya hall. Total 14 groups from students of second year microbiology and biotechnology participated and enacted various biochemical cycles like Carbon, Nitrogen, Sulphur, Iron etc. by combining humour, mimes, funny dialogues and social messages. Two winners were declared by the judges; Dr. Urjita Sheth, Dr. Swati Patel and Dr. Ishita Desai. A chocolate box was given to the winners as the token of their hard work by Dr. Pinakin Dhandhukia and Dr. Padmashree Patel. The students of third year microbiology and biotechnology were audience and cheered the efforts of their juniors. Whole event was organised & coordinated by Ms. Aishwarya Desai and Ms. Pooja Shukla.





- ### Seminar on Mushroom Cultivation

Department of Microbiology & Biotechnology organised a seminar on “Mushroom farming: Opportunity and Scope” on 25<sup>th</sup> July 2023. A guest speaker Mr. Nikunj Parmar, Director of Nutrimusht- New Age Food, National certified DST trainer for mushroom cultivation covered all the areas like what are mushrooms, why its cultivation can be a profit-making business, why its demand is high worldwide, what are the medicinal benefits etc. he explained in detail about how to cultivate mushrooms even with minimal resources and can earn good money from that. The event was coordinated by Dr. Ishita Desai & Dr. Ruchi Jariwala, Assistant Professors, Department of Microbiology.



- **An educational visit to Gujarat State Biotechnology Research Centre, Gandhinagar**

Department of Microbiology has organised an educational visit to GBRC, Gandhinagar, a leading centre for research & innovation in the field of Genomics & Bioinformatics on 28<sup>th</sup> July 2023. Brief introduction about the activities of GBRC was given by Dr. Darshan Dharajiya (Scientist B). Then students were engaged in guided laboratory tours by Technical Assistants which proved to be an informative & enriching experience for them. Overall, the visit inspired the students for research by allowing them to interact with experts at GBRC. The experience was highly impactful, nurturing a passion for science in students. We believe this visit will serve as a catalyst for the students' academic and professional development. The visit was made possible through the planning of Dr. Harshvadan Patel, Dr. Pinakin Dhandhukia, accompanied by Dr. Padmshree Patel, Dr. Hitesh Jasani & Dr. Nimita Umretiya and with the support of Provost Dr. Daxesh Thakar. 54 Students (47 from Dept. of Microbiology and 7 from Dept. of Chemistry), SST, VVWU took part in this visit.





- **MOU signing ceremony**

- Department of Microbiology & Biotechnology signed MOU with Sterling Accuris Diagnostic Laboratory, Surat on 4<sup>th</sup> Aug 2023.
- Department of Biotechnology signed MOU with Fugen Biomed, Navsari and Pollucon Laboratories, Surat on 4<sup>th</sup> Aug 2023 and 28<sup>th</sup> Aug 2023 respectively.







- **Lecture Series on ‘Financial Literacy’**

Department of Microbiology organized a 3 days Lecture Series on ‘Financial Literacy’ spanning from August 24th to 26th, 2023. The primary objective behind this initiative was to create awareness and understanding of vital financial concepts among postgraduate students within the department, lacking commerce-oriented background. The series consisted of three lectures, each focusing on different aspects of financial literacy. Dr. Bosky Suratwala, HoD and Assistant Professor (Finance), Department of Business and Management, SCBM, VVWU, Surat was the resource person for this session. Total 70 students took away the message of importance of saving and investing money. They became familiarize with various investment avenues available with different risk categories and other personal finance related aspects from these sessions. The session was conducted under the guidance of Hon'ble Provost Sir, Dr. Daxesh Thakar and with the support of Dr. Manisha Vyas, Dean, School of Science and Technology, as well as Dr. Pinakin Dhandhukia, HoD, Dept. of Microbiology. It was coordinated by Dr. Padmshree Patel.



- **An educational visit to Anand Microbiology Laboratory**

Department of Microbiology organized a laboratory visit for PGDMLT students under the MoU signed with Anand Microbiology Laboratory (AML), Surat and Vanita Vishram Women's University. It was completed in 3 Days as per the slots made available by the authorities from 27<sup>th</sup> Aug to 29<sup>th</sup> Aug. Dr. Vandana Lad, the chief Microbiologist, AML explained the students about clinical sample collection, processing and disposal as carried out in Clinical lab. The students were also made familiarized with automated instruments used by the AML to aid in rapid and accurate diagnosis. The visit to AML served specific educational objectives related to their study of core paper in the first semester. The session was conducted under the guidance of Hon'ble Provost Sir, Dr. Daxesh Thakar and with the support of Dr. Manisha Vyas, Dean, School of Science and Technology, as well as Dr. Pinakin Dhandhukia, HoD, Dept. of Microbiology. It was coordinated by Dr. Padmshree Patel.





## Department of Physics

- **A talk on Chandrayaan-3**

A special talk on “**Chandrayaan-3: India's Giant Leap in Space Exploration**” is organized to celebrate the successful soft landing of Vikram Lander on the Lunar Surface for the undergraduate science students of our university. **Dr. Hardik Desai**, Head of Physics Department has given a talk on “Chandrayaan-3: India's Giant Leap in Space Exploration”. The talk was held on 24<sup>th</sup> August, 2023 at New Building (Room No. 103) in two sessions; at 1.00 pm for students of faculty of science and at 3.00 pm for BCA & IT students. Dr. Desai discusses the brief history of evolution of Indian Space Research Organisation (ISRO) and contribution of various Indian scientists for growth of research in the context of space science. Dr. Desai also explained briefly about overall implementation of Chandrayaan-3 mission along with various specifications included in the design of vikram lander. Around 100 students from science discipline participated enthusiastically in the event. The whole event was coordinated by **Dr. Sanjay Patel**, Assistant Professor of Physics & I/c. Assistant Controller of Examination, VVWU and **Ms. Alpa Vaniya**, Lab Assistant of Physics Department.





## **FACULTY'S CORNER**

**Dr. Manisha Vyas**

**Dean, SST,**

**HoD, Department of Food & Nutrition**

1. Participated in a saree walkathon organised by SMC on 09/04/2023.
2. Co-ordinated visit of Ms. Anne Lotter, Global Director GTTPat Vanita Vishram on 13/05/2023.
3. Attended SRK sustainability conclave-2023 at Mariott, Surat on 20/05/2023.
4. Teacher's training at Rang International School, Ankleshwar on "Education - POV- all stakeholders on 25/05/2023.
5. Invited to be a part of RAC of Auro University on 07/06/2023.
6. Participated in World Yoga Day on 21/06/2023.
7. Attended workshop on "Capacity Building Initiative for Strengthening Health & Social Protection Network for Migrant Workers in Surat, Gujarat" - Organized by WHO India, Disha Foundation, Niti Aayog & SMC on 27/06/2023.
8. Invited as Judge in "Anna Spardha" organized by ICDS Department at District level on 17/07/2023.

**Dr. Shilpee Agrawal**

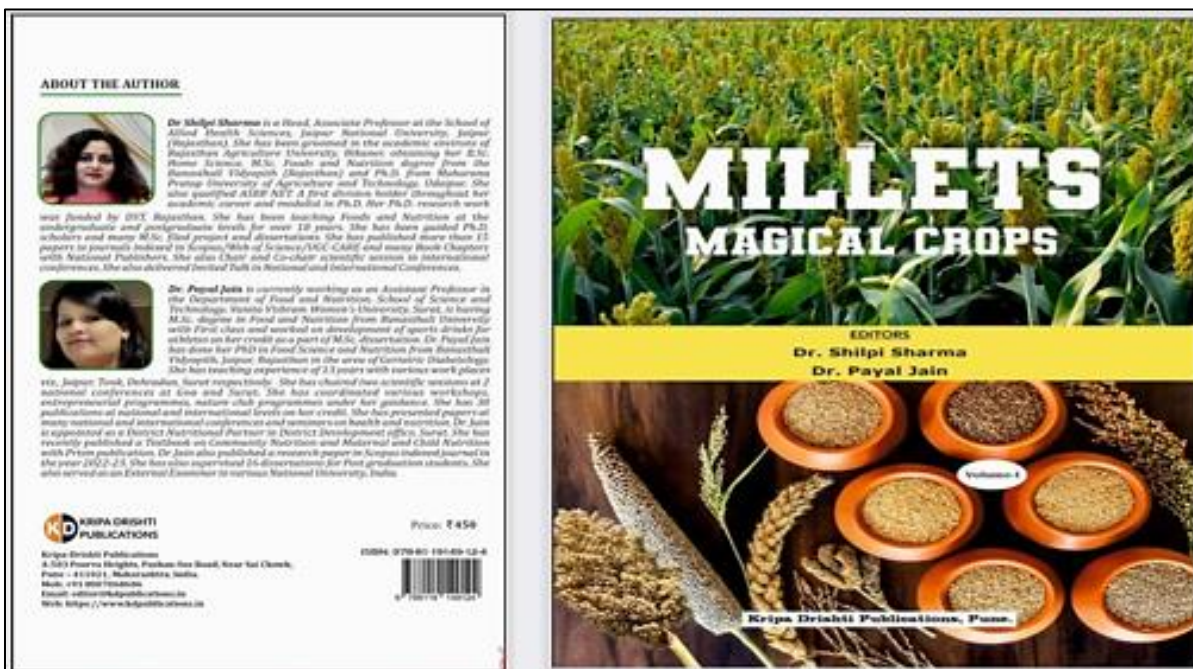
**Assistant Professor,**

**Department of Food & Nutrition**

1. Expert Talk on "Nutrition and Eye Health" on 7th April, 2023 organized by IDA Surat Club and Agrawal Eye Hospital.
2. Participated in Saree walkathon organised by SMC on 9th April, 2023.
3. Expert talk on "**Heat waves and Nutrition**" in Ritucharya workshop on Summer Season special organized by UHCRCE, Mahila Grah udhyog, PSRSS and Food and Nutrition on 26th April, 2023.
4. Attended SRK Sustainability Conclave-2023 at Marriott, Surat on 20th May, 2023.
5. Attended Awareness training on Millets organized by FSSAI, ITCFSAN and SMC on 19th July, 2023.
6. Invited as an **Expert** on "You are what you Eat" in the Department of Computer Science, School of Science and Technology, Vanita Vishram Women's University, Surat on 21st July, 2023 for the bridge course on "**Health and Nutrition**".
7. Participated in "Eat Right Mela" organized by FSSAI and VNSGU, Surat on 23rd July, 2023.
8. Invited as Judge in "Fireless Cooking Competition" organized by FSSAI and VNSGU on 23rd July, 2023.

**Dr. Payal Jain**  
**Assistant Professor,**  
**Department of Food & Nutrition**

- a) Published a book as an Editor, entitled **“Millets Magical Crops”** with ISBN No- **978-81-19149-12-4** with Kripa Drishti Publications, Pune in the Month of July.
- b) Invited as an **Expert** in the Department of Computer Science, School of Science and Technology, Vanita Vishram Women’s university, Surat on 21/7/2023 for the bridge course on **“Health and Nutrition”**.
- c) Expert talk on **“Monsoon Food Advisory”** Ritucharya workshop Monsoon special season on 26/7/2023.





## Dr. Navanit Chothani

I/c Assistant Registrar & Assistant professor

Department of Chemistry

- Successfully qualified CSIR-NET December-2022/June-2023 (merged cycle) with AIR:33.

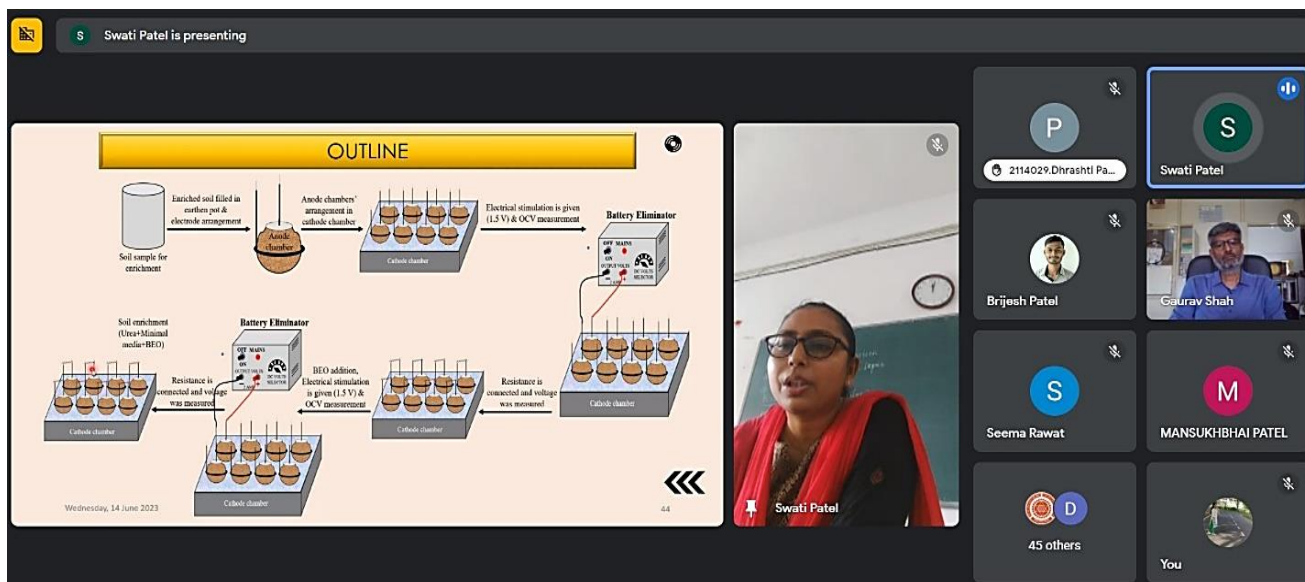


## Ms. Swati Patel

Assistant Professor,

Department of Microbiology

- has been awarded degree of Doctor of Philosophy in the subject of Bioscience (Biotechnology). Her topic of the thesis was "Biodegradation of Hydrocarbon and Generation of Electricity using Microbial Fuel Cell" on 14<sup>th</sup> June 2023.



**Dr. Hitesh Jasani & Dr. Avani Shah**  
**Assistant Professors,**  
**Department of Microbiology.**

- Both have successfully completed the Refresher Course in Life Science with “A” grade under Rashtriya Uchcharat Shiksha Abhiyan (RUSA), a Centrally sponsored scheme (UGC-HRDC) which was conducted online by V. G. Vaze College of Arts, Science and Commerce (Autonomous), affiliated with University of Mumbai from 29<sup>th</sup> May 2023 to 10<sup>th</sup> June 2023.





**Dr. Swati Patel & Dr. Ruchi Jariwala**  
 Assistant Professors,  
 Department of Microbiology.

- Both have successfully completed an online orientation course as a part of faculty development program (FDP) with “A” grade, organised by Teaching Learning Centre, Ramanuj College, University of Delhi from 22<sup>nd</sup> June to 21<sup>st</sup> July.



**Dr. Niki Pandya**  
 Teaching Assistant,  
 Department of Chemistry

- Presented a paper entitled “Effect of Solution Condition on the Formation of Micellar Aggregates in SLES/CMEA Mixed Surfactant System” in International Conference on Multidisciplinary Innovative Research and Development 2023 & International Award Ceremony held on 1<sup>st</sup> and 2<sup>nd</sup> July 2023.



- Received Ph.D. Degree from Ahmedabad University on 10<sup>th</sup> August 2023 under the guidance of Dr. Aditi Singhal. Title of thesis is “Tuning Micellar Characteristics, Mildness and Antimicrobial Activity of Biodegradable Surfactants”.





## STUDENT'S CORNER

- Six students from Department of Microbiology and Biotechnology (3 from each), School of Science and Technology, Vanita Vishram Women's University run by Vanita Vishram Trust selected for National level "Summer Research Internship" conducted by Gujarat State Biotechnology Mission (GSBTM), Department of Science and Technology, Government of Gujarat. **Chouhan Shivani Gabbarsingh** (Microbiology) and **Singh Radhika Jagdishbhai** (Biotechnology) selected at Department at Central Food Technological Research Institute (CFTRI) at Mysore, **Parekh Mansi Tejasbhai** (Microbiology) at Department at Indian Institute of Technology (IITGN) at Gandhinagar, **Mishra Nirmala Lakshminarayan** (Microbiology) at National Institute at Hyderabad. of Pharmaceutical Education and Research, **Mishra Neha** (Biotechnology) at the Regional Center for Biotechnology (RCB), Haryana, and **Bagul Vasundhara Divyesh** (Biotechnology) at the National Institute of Oceanography (NIO), Goa. Vanita Vishram Trust, Provost of the University, Dr. Dakshesh Thakar, Registrar, Dr. Raman Patel, Dean of Science Faculty, Dr. Manisha Vyas, Head, Department of Microbiology, Dr. Pinakin Dhandhukia, Head, Department of Biotechnology, Dr. Urjit Seth and all the teachers congratulated them.



- Students of B.Sc. Semester-IV (Chemistry) Ms. Supriya Tiwari, Ms. Prachi Kondalkar, Ms. Kashish Agarwal, Ms. Anchal Yadav have participated in the University level “Independence Day Parade” organized by NSS Unit of Vanita Vishram Women’s University 15<sup>th</sup> August 2023.



- Ms. Rutushree Muduli student of B.Sc. Semester-VI (Chemistry) has successfully completed “Employability Skill Programme” conducted by Mahindra Pride Classroom, Nandi Foundation from 17<sup>th</sup> July 2023 to 22<sup>nd</sup> July 2023.





- **Ms. Muskan Thakkar** student of B.Sc. Semester-VI (**Chemistry**) was felicitated for her commendable work as a Class Representative for Academic Year 2022-23 in “**The Impetus – The Prize Distribution Ceremony 2022-23**” organized by Vanita Vishram Women’s University held at Shivgauri Hall on 28<sup>th</sup> August 2023.



- Students of B.Sc. Semester-VI (**Chemistry**) **Ms. Adiba Ansari, Ms. Muskan Thakkar, Ms. Nandane Chaudhari, Ms. Piyusha Mohite, Ms. Rani Sonavane, Ms. Sneha Morya, Ms. Sanjana Gayakvad, Ms. Kajal Vishvakarma, Ms. Jagruti Patil, Ms. Gayatri Kumbhar** have attended **Cyber Sanjivani 2.0 Awareness Session** and also participated in **Cyber Sanjivani 2.0 Quiz Competition** organized by Surat City Police in collaboration with Cyber Suraksha Setu and Vanita Vishram Women’s University, Surat held at Shivgauri Hall on 4<sup>th</sup> August 2023.



- **Pandey Shikha Santosh** (TY Microbiology) secured 1<sup>st</sup> position in the Poem recitation in the Inter college competition with cash prize of 700 Rs at J.Z.Shah Arts & H.P.Desai commerce college, Amroli on 9<sup>th</sup> Aug 2023.



- **Priyanshi Ojha, Sakhida Dhvani Manishbhai, Patil Dharini Sunilbhai, Sharma Toran Sitaram, Gheewala Vrushali, Agrawal Saumy, Nair Vismaya Jayachandran, Shah Srushti Hemalkumar and Manani Riddhi Mahendra Kumar** (UG & PG students of Microbiology) won a prize of special dance performance in the pre-Independence Day celebration organized by NSS unit & Cultural committee on 11<sup>th</sup> Aug 2023.





- Badminton Tournament organized by the Department of Physical Education and Sports and NSS Unit of VVWU on the occasion of National Sports Day, commemorating the birth anniversary of hockey legend Major Dhyan Chand. The tournament took place at the Sports Complex on 29th August 2023 and saw the enthusiastic participation of 139 students from various schools. We extend our hearty congratulations to the winners:

Winner: **Ms. Sabeen Mo. Ashraf Zaveri** - S.Y.B.C.A. Div- F

1st Runner Up: **Ms. Nandani Jayendrasinh Chauhan** – T.Y.B.C.A Div- I

2nd Runner Up: **Ms. Prachi Chintubhai Panwala** - T.Y.B.C.A Div- III



### • Students Achievement SYBCA SEM II Topper's List

Sr. No.	Roll No.	Name	CGP A
1	2212027	Bidiwala Neamata Ashfak	9'59
2	2212432	Tiwari Neha Ravindra	9'55
3	2212480	Patil Ruchita Chandrashekhar	9'45
4	2212435	Tumbi Sumaiya Ajmal	9'36
5	2212193	Khunt Vidisha Bharatkumar	9'27
6	2212370	Sethi Sweet Jogendra	9'27
7	2212463	Virdiya Isha Nareshbhai	9'27
8	2212121	Guduru Tulasi Ramesh	9'23
9	2212299	Patel Samiha Sarfaraz	9'23
10	2212304	Patel Vishakha Jayeshkumar	9'23



- **Students Achievement TYBCA SEM IV Topper's List**

<b>Sr. No.</b>	<b>Roll No.</b>	<b>Name</b>	<b>CGP A</b>
<b>1</b>	2112149	Kansara Priya Rajeshkumar	9'22
<b>2</b>	2112106	Gothi Maitryben Kalpeshkumar	9'21
<b>3</b>	2112206	Mulla Zainab Jaminur Rahaman	9'14
<b>4</b>	2112207	Mulla Zinat Jaminur Rahaman	9'12
<b>5</b>	2112040	Chanchlani Juhika Gopal	9'00
<b>6</b>	2112125	Jetani Prapti Manishkumar	8'92
<b>7</b>	2112294	Satasiya Urvisha Maheshbhai	8'82
<b>8</b>	2112342	Tarpara Happy Rajeshbhai	8'70
<b>9</b>	2112211	Nakrani Pammy Manishbhai	8'64
<b>10</b>	<b>2112136</b>	<b>Kakadiya Nirali Hareshbhai</b>	8'58

**Editor in Chief,**  
**Dr. Manisha Vyas,**  
Dean, SST.  
HoD, Department of Food & Nutrition

**Editor,**  
**Dr. Avani Shah,**  
Assistant Professor,  
Department of Microbiology, SST.

**Ms. Bhumi Desai**  
IT team support

***HAPPY READING!***