

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

SAPIENCE

**E-Newsletter for the
School of Science and Technology**

Month: March 2024 to May 2024 Volume: 3, Issue: 4

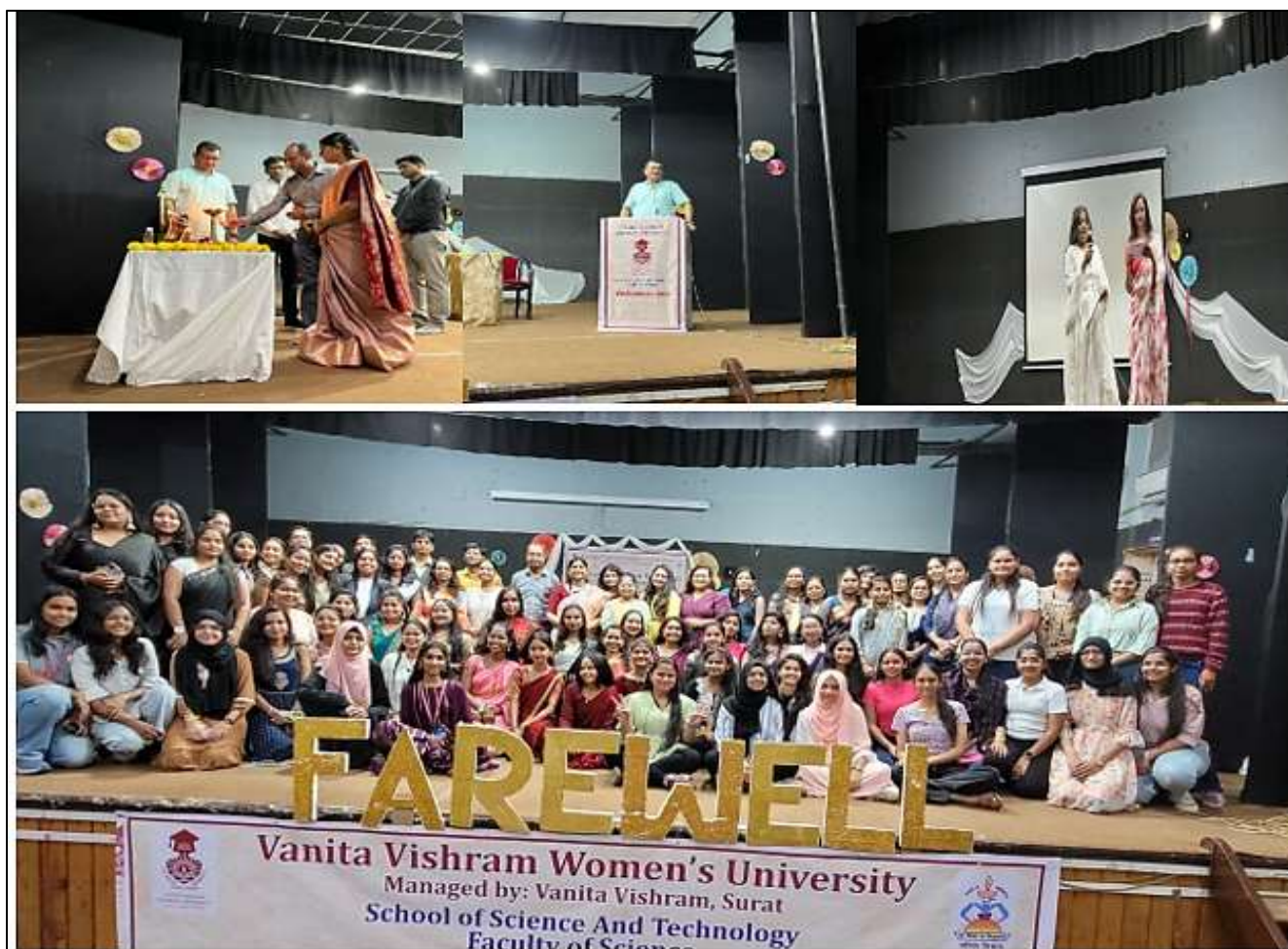
INDEX	PAGE NO.
ANNUAL PRIZE DISTRIBUTION & FAREWELL	2-7
DEPARTMENT OF COMPUTER SCIENCE	8-9
DEPARTMENT OF CHEMISTRY	10-12
DEPARTEMENT OF FOOD & NUTRITION	13-17
DEPARTMENT OF MICROBIOLOGY & BIOTECHNOLOGY	18
FACULTY CORNER	19-21
STUDENT CORNER	22-26

***Somewhere Something
Incredible Waiting to Be Known***

Carl Sagar

ANNUAL PRIZE DISTRIBUTION & FAREWELL

Faculty of Science, School of Science & Technology paid a bid adieu farewell to the first ever graduation batch of Biotechnology, Chemistry, Microbiology and Food and Nutrition along with PG students as well. The program was started with the Saraswati Vandana and lamp lighting by the dignitaries; Dr. Daxesh Thakar (Provost, VVWU), Dr. Manisha Vyas (Dean, Faculty of Science, SST and HoD of Department of Food & Nutrition), Dr. Pinakin Dhandhukia, (HoD, Depart. of Microbiology), Dr. Urjita Sheth ((HoD, Depart. of Biotechnology), Dr. Yogesh Kadam (HoD, Depart. of Chemistry) and Dr. Hardik Desai ((HoD, Depart. of Physics). Students who achieved in different competitions around the year were felicitated by the certificates. Faculty members were also facilitated for their academic excellence. It's always very hard to say good bye to the graduate students, their juniors did fabulous job to give life long memories to them with some dance, fun and frolic. Provost Sir motivated the going to be graduate & post-graduate students with his peculiar style. Students shared their experiences of being in the first Women's University which made all the faculty members emotional. All and all a wonderful, cheerful and memorable day for all who were present.



Wishing all the very best to our “Shining Stars”



Post Graduation in Diploma in Dietetics (Year 2023-24)



M.Sc. Food & Nutrition (Year 2022-2024)



M.Sc. Microbiology (Year 2022-2024)



**Post Graduation in Diploma Medical Laboratory Technology
(PGDMLT) (Year 2023-2024)**



B.Sc. Biotechnology (Honours) (Year 2021-2024)



B.Sc. Microbiology (Honours) (Division-1, Year 2021-2024)



B.Sc. Microbiology (Honours) (Division-2, Year 2021-2024)



M.Sc. Chemistry (Year 2022-2024)



Bachelor in Computer Application (BCA) (Year 2022-2024)

DEPARTEMNT OF COMPUTER SCIENCE

Student Development Program on “Adobe Photoshop”

Department of Computer Science, School of Science and Technology, VVWU, organized a Student Development Program on Adobe Photoshop from 13th to 27th May 2024. The course aims to enhance students’ skills and provide a platform for learning in the age of technology. It covers basic knowledge of Photoshop. Total of 17 students have enrolled in the course, with a fee of ₹1500 per student. The valedictory function took place on June 4, 2024, starting at 11:00 AM. All participants were invited, and certificates were distributed to the students who participated. Dr. R. D. Patel, Registrar of VVWU, encouraged students in their Computer Science careers. The course was conducted by Ms. Mitali Aaiwala and coordinated by Dr. Nirali Dave.

Vanita Vishram Women's University
School of Science and Technology
Department of Computer Science
Organizes
Student Development Program (SDP)
on
ADOBE PHOTOSHOP

Ps
LEARN PHOTOSHOP

Starting Date: 13th May 2024
Duration: 15 Days
Time: 9 AM to 12 PM
Fees: ₹ 1500

For Registration
[QR Code]

Coordinator: Ms. Mitali Aaiwala
For further Details: 4th Floor, Computer Science Department,
New Building, VVWU

Last Date For Registration is 25th April 2024

*Female only



Crash Course on “The Basics of Computer Applications”

Department of Computer Science, School of Science and Technology Organized **Crash Course on the Basics of Computer Applications** is a course which includes basic knowledge of the computer such as word, excel, power point etc., held for the first time in Department of Computer Science, School of Science & Technology, VVWU. The duration of course was 21 days i.e. 13th May, 2024 to 3rd June, 2024 at 10.00 am to 01.00 pm at computer lab, VVWU. Purpose of this course is to enhance & bring out the hidden skills in students by providing platform in the era of technology. Course was inaugurated by provost Dr. Daxesh Thakar sir and Dr. Bhumika Charnanand welcomed Chief Guest the students. Total 11 students have enrolled in the course, with a fee of ₹2000 per student. The valedictory function took place on June 4, 2024, starting at 11:00 AM. All participants were invited, and certificates were distributed to the students who participated. Dr. R. D. Patel, Registrar of VVWU, encouraged students in their Computer Science careers. The course was conducted by Ms. Reshma Patel and coordinated by Dr. Nirali Dave.



DEPARTEMNT OF CHEMISTRY

Exploring Forensic Science: Field Trip to Surat's Regional Laboratory

A group of 115 undergraduate students from the Departments of Microbiology, Biotechnology, and Chemistry, accompanied by four faculty members Dr. Padmashree Patel, Dr. Shital Modi, Dr. Maryam Bagia, and Ms. Masalawala Ishita embarked on a visit to the Regional Forensic Science Laboratory, Surat on 05th March 2024. 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 whole visit was well-coordinated by Dr. Swati Patel - Asst. Professor, Microbiology Department, and Dr. Shital Modi - Asst. Professor, Chemistry Department, under the guidance of Hon'ble Provost Dr. Daxaesh Thakar, Dean of the Faculty of Science, and Heads of Departments of respective disciplines.



An Expert Lecture on "Chromatographical Separation: Basics to Advanced Industrial Application"

An expert lecture titled "Chromatographical Separation: Basics to Advanced Industrial Application" was organized by the Chemistry Department on 11/03/2024, with 65 Chemistry students in attendance. The resource person Dr. Naved Malek (Associate Professor, Applied Chemistry Department, SVNIT, Surat) discussed the importance of chromatography and various challenges in chromatographic analysis. The event was educational and engaging for the students. The event was planned with the support and motivation of Hon'ble Provost Dr. Daxesh Thakar Sir under the guidance of Dean, Faculty of Sciences Dr. Manisha Vyas, and Head of Chemistry Department Dr. Yogesh Kadam. The session was coordinated by Dr. Yogesh Kadam and Dr. Maryam Bagia.



Chemistry Club Meet-up-2024

With guidance of respected Provost Dr. Daxesh Thakar, Registrar Dr. R. D. Patel, Dean-School of Science and Technology Dr. Manisha Vyas and with the support of Assistant Registrar Dr. Navnit Chothani and Head of Department Dr. Yogesh Kadam, Department of Chemistry organised a Chemistry Club Meet-Up 2024 on 23rd March, 2024. In this event all students

including alumni students of the department of chemistry participated. During this event alumni gave interesting speeches, interacted with their juniors and shared their experiences. Along with that, all the faculty members and students also enjoyed a cultural performance prepared by B.Sc. and M.Sc. Chemistry students. A alumni memory video was prepared by M.Sc. Part-I student Diksha Vadinker and a journey video of M.Sc. Part-II student was prepared, to celebrate their journey as part of giving them farewell. The students thanked all the faculty and staff members with handmade bouquet. Along with that, students from S.Y. B.Sc. Chemistry prepared and distributed handmade cards to T.Y. B.Sc. and M.Sc. Part – II students as token of love for their farewell. The whole event was hosted by M.Sc. Chemistry Part – II students Rahila and Dimple, M.Sc. Chemistry Part – I student Sanjana, S.Y. B.Sc. Chemistry student Kashish and F.Y. B.Sc. Chemistry students Tanzil and Khusbhoo. The smooth groundwork and conduction of this event was ensured by volunteer students by working in different committees.



DEPARTEMNT OF FOOD & NUTRITION

Workshop on “Significance of body language for counsellors”

A workshop on “Significance of body language for counsellors” organized on 14th March, 2024 for M.Sc. Sem-II, IV and PGDD Sem-II students. Dr Bindu Shah, Associate Professor & HoD, Department of English, Navyug Commerce College, Surat and NLP Practitioners invited as a resource person to conduct a workshop. Body language is a powerful form of non-verbal communication that plays a crucial role in counselling. Counsellors use both verbal and non-verbal cues to understand and connect with their clients. The significance of body language in counselling lies in its ability to convey emotions, build rapport, and enhance the overall therapeutic process. This workshop aims to explore the importance of body language for counsellors and equip students with valuable skills to enhance their communication abilities in a counselling setting.



Educational visit - Asian Physiotherapy and Research Institute

An educational visit to Asian Physiotherapy and Research Institute (MoU Partner) for students of M.Sc. and P.G.DD Sem-II organized on 14th March, 2024. This is an academic activity part of their subject of Sports Nutrition. Physiotherapy treatment refers to a therapeutic procedure, which is concerned with rehabilitation of individuals after suffering from a trauma. It is generally concerned with restoring, maintaining and maximizing the functionality, movement and strength of the individual. Students can establish connections with professionals and peers, creating potential avenues for mentorship, internships, and future collaborations in the field.

Vanita Vishram Women's University
Managed by Vanita Vishram, Surat

Faculty of Science
School of Science & Technology
Department of Food and Nutrition

Educational Visit
ASIAN PHYSIOTHERAPY & RESEARCH INSTITUTE

Monday, 4th March 2024
Time: 10:00am to 12:00 pm

Dr. Daxesh Thakar
Hon'ble Provost

Dr. R. D. Patel
Registrar

Dr. Manisha Vyas
Dean, Faculty of Science,
HoD, Department of Food and Nutrition
Coordinator

Ms. Neha Solanki
Assistant Professor (Adhoc)
Department of Food and Nutrition

Venue
**Asian Physiotherapy & Research Institute,
Adajan, Surat.**

Social Media Handled by IT Cell, VVWU

Surat, Gujarat, India
19, Chatrapati Shivaji Marg, Chatrapati Shivaji Nagar, Adajan Gam, Adajan, Surat, Gu
Lat 21.197203°
Long 72.792032°
04/03/24 11:40 AM GMT +05:30

Dietician's presence on social media

Social media platforms are increasingly used by all the Dieticians to improve knowledge translation and exchange in nutrition. However, a thorough understanding of social media in dietetic practice is lacking. The Resource person was Dt. Kruti Desai, Founder, of Diet Concept, Holistic Health Clinic, Surat. She had started her journey with *Diet concepts* with a positive frame of mind for weight and inch loss and improving overall health. Under this session, students had learnt about various platforms on social media like Facebook, Instagram, Twitter, YouTube and importance of social media for diet counselling techniques.

Vanita Vishram Women's University
Managed by Vanita Vishram, Surat

Faculty of Science
School of Science & Technology
Department of Food and Nutrition

GUEST LECTURE ON
DIETICIAN'S PRESENCE ON SOCIAL MEDIA

Speaker
Ms. Kruti Desai
Founder of Diet Concept,
Surat

Wednesday, 20th March 2024 Time: 08:00 am to 09:00 am

Dr. Daxesh Thakar
Hon'ble Provost

Dr. R. D. Patel
Registrar

Dr. Manisha Vyas
Dean, Faculty of Science,
HoD, Department of Food and Nutrition
Coordinator

Ms. Neha Solanki
Assistant Professor (Adhoc)
Department of Food and Nutrition

Venue
Marfatia Hall, SST, VVWU, Surat

Social Media Handled by IT Cell, VVWU

Surat, Gujarat, India
Vanita Vishram Campus, Athwa Gate, Surat, Gujarat 395001, India
Lat 21.181215°
Long 72.812301°
20/03/24 08:17 AM GMT +05:30

A Guest Lecture on “DNA To Diet”

Organized a guest lecture on “DNA To Diet” on 27th March, 2024 for M.Sc. Sem-IV students of Nutrition and Dietetics. Ms. Amita Tambekar, founder of Nutriventure, Surat invited as a guest lecture titled "DNA to Diet," which delves into the fascinating intersection of genetics and nutrition on 27th March, 2024 at 12:00 PM to 1:00 PM in Marfatia Hall, the School of Science & Technology, VVWU, Surat. The role of genetic factors in shaping dietary needs and preferences, offering valuable insights into personalized nutrition approaches. Students will gain insights into the emerging field of nutrigenomics and its applications in dietetics.



An Educational Visit to “Chhanyado”

An educational visit to MoU Partner “CHHANYADO” for students of M.Sc. Nutrition and Dietetics and P.G. Diploma in Dietetics Sem-II on 28th March, 2024. This visit was organized to provide invaluable insights into healthcare services and advancements in our locality to the students. They got the opportunity to learn about various MRI tests available, including neuro, orthopedic, body, angio, onco, and Pediatric tests. This visit enlightens students about the significance of diagnostic imaging in identifying and treating a wide range of medical conditions. Dr Deepak Tamakuwala, Nephrologist, Ashok Parikh and Sohel had interesting interactive session with students.

Vanita Vishram Women's University
Managed by Vanita Vishram, Surat

Faculty of Science
School of Science & Technology
Department of Food and Nutrition
Educational Visit

Thursday, 28th March 2024 Time: 09:00 am onwards

Dr. Daxesh Thakor
Head, Life Provest

Dr. R. D. Patel
Registrar

Dr. Manisha Vyas
Dean, Faculty of Science,
HoD, Department of Food and Nutrition

Coordinator

Dr. Shilpa Agrawal
Assistant Professor
Department of Food and Nutrition

Venue

"CHHANYADO", Udhana, Surat.

Social Media Handled by IT Cell, VYWU

www.vywu.ac.in



“Cafeteria”

A cafeteria organized by B.Sc. Food and Nutrition Sem-IV students under their practical subject Food Craft. The main purpose this event was to train the students how to establish the cafeteria. The other purpose is to learn and develop entrepreneurship skills. If the students establish their one-day cafeteria on a college campus, then at least it will help to develop entrepreneur skills on a small scale. Students will prepare food items and sell at a budgeted rate on the campus. The whole event was planned by subject teacher Ms. Neha Solanki and guided by Dr. Manisha Vyas.



DEPARTMENT OF MICROBIOLOGY & BIOTECHNOLOGY

An educational visit to Sumul Dairy

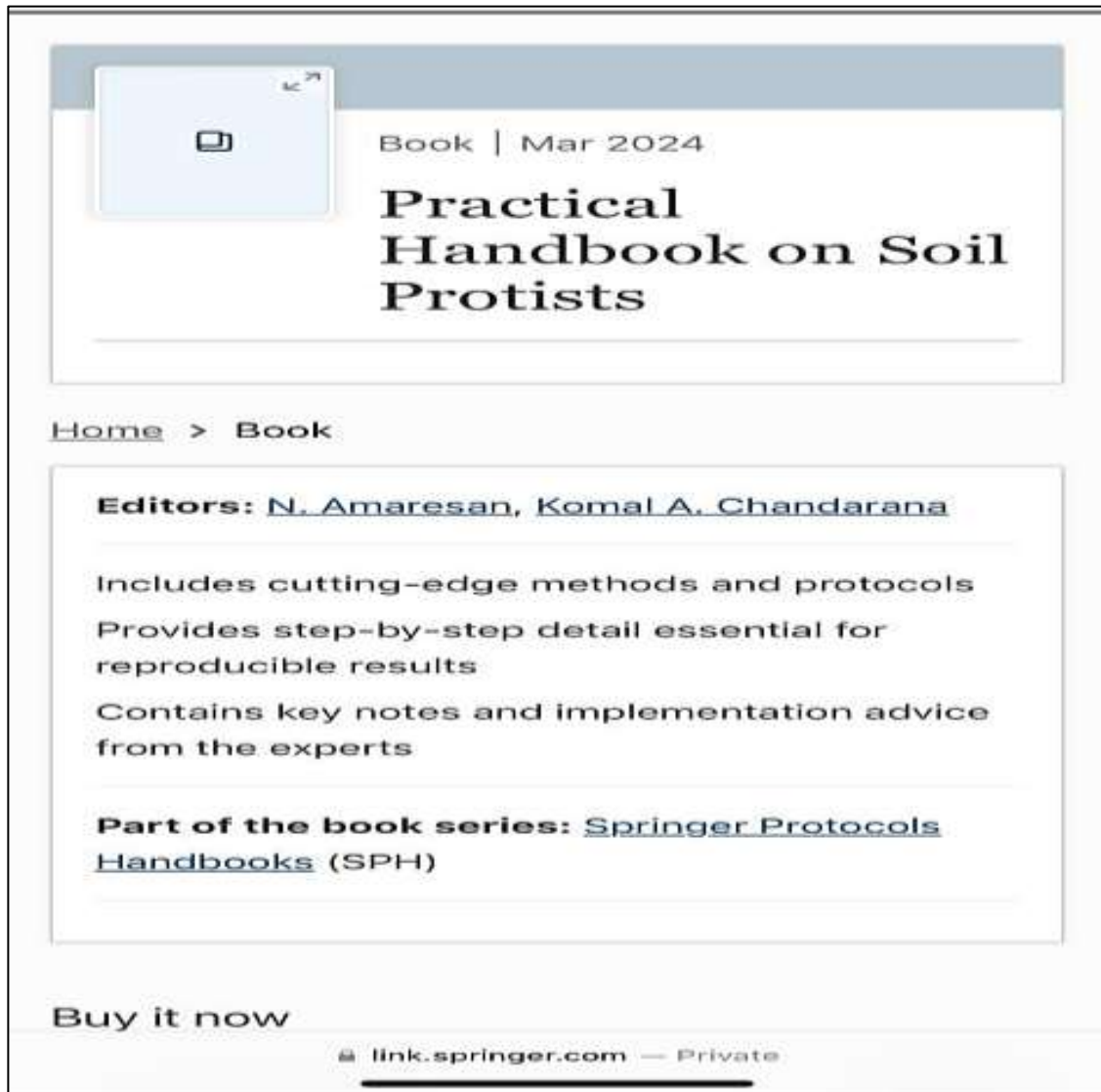
Dairy & fermentation technology is the part of curriculum of B.Sc. Microbiology. In this context, A visit at Sumul Dairy- such a huge plant has enhanced students' understanding of large-scale production, methodologies, and working that align with academic pursuits. Students got to know the different processes which is been carried out on a large scale to prepare dairy products. The visit was planned on 9th, 11th and 13th March and coordinate by Dr. Padmashree Patel, Dr. Swati Patel, Dr. Ruchi Jariwala, Dr. Nimita Umretiya, Ms. Aishwarya Desai and Ms. Ishita Masalawala.

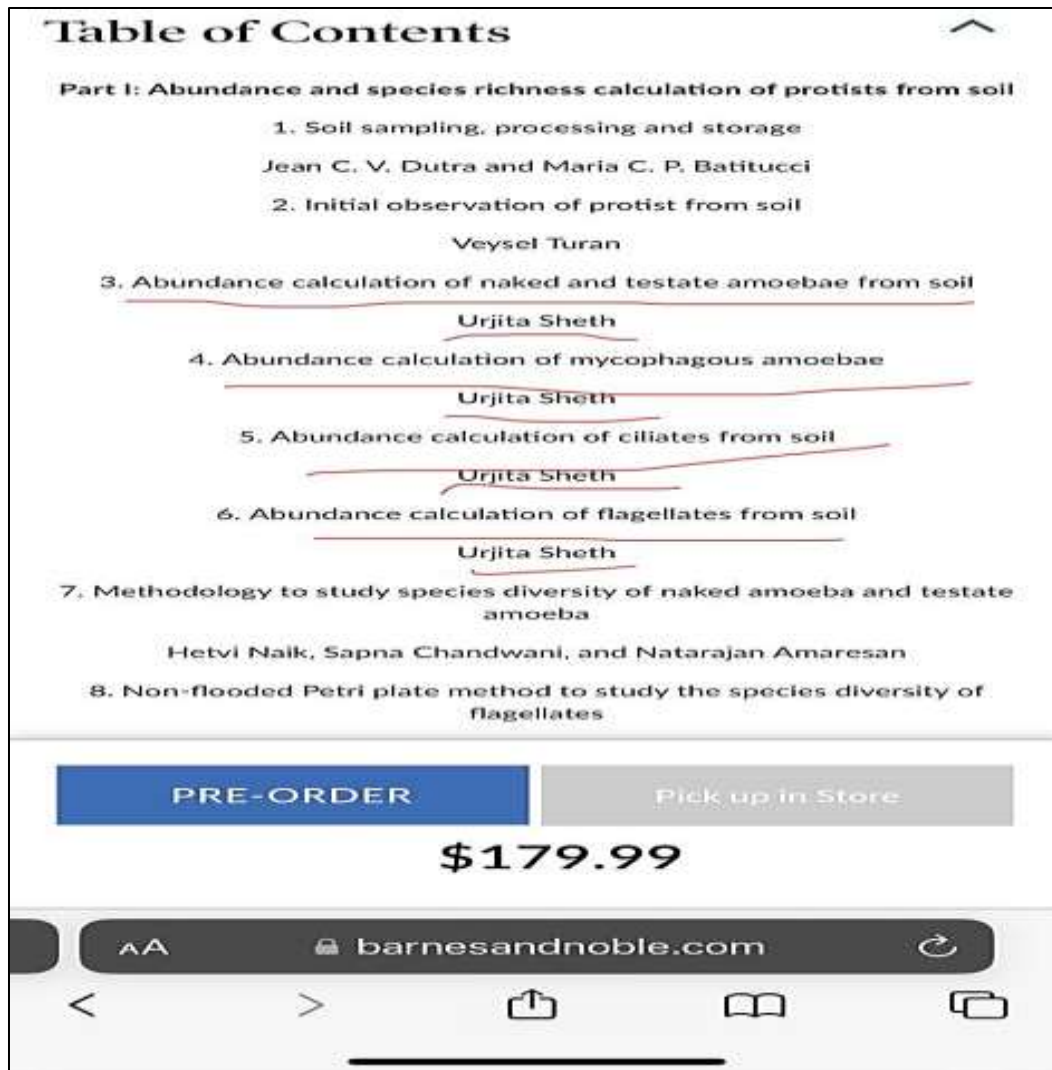


FACULTY CORNER

Dr. Urjita Sheth,
HoD,
Department of Biotechnology,

- Has published 4 book chapters in book named “Practical Hand Book of Soil Protists” which is the part of Springer Protovol series, published by Springer in March 2024.





Dr. Ishita Desai,
Assistant Professor,
Department of Microbiology.

- Has successfully completed 15 days Teacher Training program on NFP-2020 Orientation & Sensitization organized by Gujarat University.



सर्वोच्च शासक
Government of India



उच्च-शिक्षण आयोग
University Grants Commission

CERTIFICATE OF PARTICIPATION

NEP 2020 Orientation & Sensitization Programme

This is to certify that Dr. Ishita Desai From

School Of Science And Technology

has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC - MMTTC, Gujarat University, Ahmedabad. from 18/03/2024 to 29/03/2024



Director (MM-TTC)

MMTTC/2324/NEP-7/109

STUDENT'S CORNER

- **Ms. Shikha Pandey (T.Y. B.Sc. Microbiology):** 3rd Prize in State level Youth Parliament organized by Nehru Yuva Kendra Sangathan and selected for representing Gujarat along with Diu Daman and Dadar and Nagar haveli at Rashtriya Yuva Mahotsav 2024. She became the Young Parliament Member and delivered speech at the **Parliament House at New Delhi** –03rd to 7th March 2024. She was felicitated by Shree Om Birla (Speaker of Lok Sabha) and Mr. Anurag Thakur (Union Minister).



- **Ms. Khyati Parmar, Ms. Siddhi Mistry, and Jeni Patel** participated and submitted their idea in the ‘Startup and Innovation 2.0’ for the title “Bio-hydrogen production using paper-pulp industrial waste”. Students were screened for the next round and were selected for final round. They have presented their idea by model and poster at Central University of Rajasthan. The students were guided by Dr. Swati Patel for the same.



- UGAM is an Under Graduate Association of Microbiologist of South Gujarat region. Students have participated in various competitions like microbes on stage, ad mad show, poster making, vlog making, and quiz competition etc. Around 59 odd students of Microbiology and Biotechnology attended this event and participate in different competitions as mentioned above on 4th February 2024. Dr. Swati Patel coordinated this event and guided students for the same.



- **Axita Baldaniya** from SY B. Sc.IT Certificate of recognition through Social Entrepreneurship from only counseling.com.



- **Vibhuti Kacha** from SY B. Sc.IT completed 14 days internship program as a Business Development Specialist Intern for the month of April, 2024 at Yunity.in. As well as successfully completed the online course: Introduction to Cloud Computing from Simplilearn.



Shruti Devganiya from SY B. Sc.IT sem 3 completed 14 days internship program as a Business Development Specialist Intern in the month of April 2k24 from yunity.in and also completed course in R Programming Language Beginners to Pro and achieved certificate from Udemy.



- Proud moment: Student of SY B.Sc. Biotechnology, **Singh Anjali** has topped in the SWAYAM NPTEL courses of nanotechnology in agriculture, offered by IIT Kanpur, securing a place in the top 1% of students nationally.



- Proud moment: Student of SY B.Sc. Biotechnology, **Khan Juveriya** has topped in the SWAYAM NPTEL courses of nanotechnology in agriculture, offered by IIT Kanpur, securing a place in the top 1% of students nationally

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)




This certificate is awarded to
KHAN JUVERIYA SEJAD
for successfully completing the course

Nanotechnology in Agriculture

with a consolidated score of **84** %

Online Assignments	23.75/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1061**


Prof. B. V. Ratish Kumar
 Chairman, Centre for Continuing Education
 IIT Kanpur

Jan-Mar 2024
 (8 week course)


Prof. Satyaki Roy
 NPTEL Coordinator
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24BT30S445000094

To verify the certificate 

No. of credits recommended: 2 or 3

- Proud moment: Student of SY B.Sc. Biotechnology, **Sahoo Miramanjari Prashant** has topped in the SWAYAM NPTEL courses of nanotechnology in agriculture, offered by IIT Kanpur, securing a place in the top 1% of students nationally.

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)




This certificate is awarded to
SAHOO MIRAMANJARI PRASHANT
for successfully completing the course

Nanotechnology in Agriculture

with a consolidated score of **84** %

Online Assignments	24.17/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1061**


Prof. B. V. Ratish Kumar
 Chairman, Centre for Continuing Education
 IIT Kanpur

Jan-Mar 2024
 (8 week course)


Prof. Satyaki Roy
 NPTEL Coordinator
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24BT30S445000124

To verify the certificate 

No. of credits recommended: 2 or 3

Editor in Chief,

Dr. Manisha Vyas,

Dean, SST.

Editor,

Dr. Avani Shah,

Assistant Professor,

Department of Microbiology, SST.

Ms. Bhumi Desai

IT team support

HAPPY READING!