

GUJARAT UNIVERSITY BOTANICALS SOCIETY (GUBS)

The academic session was initiated in June 2020 but due to the Corona pandemic, the students were not allowed on the campus. Accepting this as a new normal, the TEAM GUBS (Gujarat University Botanicals Society) was selected. Mr. Dhruv Pandya-President, Ms. Aanal Maitreya-Vice President, Ms. Dhruva Jani-Captain BOT, Ms. Siddhi Jani-Captain BIN, Dr. Dipal Patel-Captain CCIM, Ms. Heli Oza-Captain HSGM were given the tasks of taking up coordination with the students in their classes and plan online activities. Dr. Nainesh Modi as Professor-in-charge this year, shared valuable ideas with TEAM GUBS during online meetings and guided them.

An invited lecture on **Mushroom Cultivation** was organized on Wednesday, 26th August 2020. **Dr. M. D. Shukla**, Retired Professor, Department of Microbiology, M.G. Science Institute was the Distinguished Resource Person for the Invited Lecture. Dr. Shukla has conducted many workshops on Mushroom Cultivation and he is associated with many state and national level organizations like All India Association of Environmental Management, Mushroom Society of India, Gujarat Science Academy and All India Association of Microbiologists. The objective of the lecture was to orient the students towards growing mushrooms. The M Sc Botany, M Sc Horticulture Science Garden Management and M Sc Climate Change Impacts Management students alongwith the research scholars and staff members participated in the session. The lecture was conducted Online through **Microsoft TEAMS** with more than 50 participants. On behalf of Department of Botany, Bioinformatics & Climate Change Impacts Management, Mr Dhruv Pandya introduced and welcomed the Invited Speaker, Dr M. D. Shukla. Delivering the lecture, Shukla sir started with introducing the different types of mushrooms, ethnic uses of mushrooms in different countries, medicinal mushrooms and a detailed explanation of mushroom cultivation. The session concluded with a formal vote of thanks by Mr. Dhruv Pandya and Dr. Archana Mankad, Professor & Head, Department of Botany, Bioinformatics & Climate Change Impacts Management. The session generated a lot of excitement among the students who interacted with Dr. Shukla in a Question- Answer session. It was an informative session and Dr. Shukla has kindly agreed to continue with the demonstration of growing mushrooms soon for better understanding of the students. Prof. Hitesh Solanki, Prof. Bharat Maitreya, Dr. Nainesh Modi and Dr. Saumya Patel coordinated the event. All registered participants received e-certificates.

National Webinar on **Improvisations in Growing Plants 2020 (IGP 2020)** was organized on Friday 11th September 2020 from 11.00 a.m. to 1.00 p.m. **The webinar was live on Facebook and Youtube.** Corona virus Pandemic has changed, our lifestyles for good. The pandemic, and related significance of immunity development in our health, has prioritized, the need to focus on the significant plants that have magical properties to heal, and tips on growing them. **This webinar was planned as an outreach event by the department for the society** to highlight the agrotechiques for growing and care to be taken for plants in our garden. More than 500 participants from all over India and even abroad joined the webinar and benefitted. All participants received e-certificates.

The Inaugural session began with the University Song and a formal welcome of the guests. Prof. Himanshu Pandya, Vice Chancellor, Gujarat University inaugurated the Online

Exhibition of medicinal and ornamental plants called **Nurture Nature** compiled by Scholars of Botany and the Students of Horticulture Science and Garden Management. Addressing the participants, Prof. Himanshu Pandya emphasised on the need to collaborate and research using plants. He highlighted the need to explore the significant properties in plants through advanced research. He also urged the researchers to focus on issues that are relevant and applicable to society at large. The first Distinguished Speaker, Dr. Minoo Parabia, Retd. Professor, VNSGU, Surat delivered a very informative talk on **AGROTECHNIQUES FOR MEDICINAL PLANTS**. Prof. Parabia explained the medicinal uses of common medicinal plants and all the same shared ideas for future research. The second Distinguished Speaker, Dr. Asif Meman, General Manager (Parks & Garden), SRFDCL, Ahmedabad explained the **AGROTECHNIQUES FOR ORNAMENTAL PLANTS** and all the conditions relevant for growing plants. The third Distinguished Speaker, Mrs. Jagriti Bhatt, Expert in organic urban Gardening demonstrated **HOMEMADE CARE FOR HOME GARDEN**. She explained the ways of making organic manure at home and bioenzymes for better care of plants at home.

An Invited Lecture on **Plant Variety Rights** was organized. It was delivered by Dr. Aaradhana Sadasivam, Temasek Life Sciences Laboratory, Singapore on Tuesday, 22nd September at 11.30a.m. in the series of Online Invited Lectures on MSTEAMS. Dr. Hitesh Solanki coordinated the whole session. Dr. Aaradhana is our alumni and has a vast experience not only as a scientist, but as a copyeditor for STM journals with Elsevier, Kluwer, and Blackwell in Chennai, India and Singapore. Since last 20 years, she is working in the field of Intellectual Property Rights wherein she got to apply patents law to inventions made in the technical domains of biotechnology, chemistry, and pharmaceutical sciences. About 7 years back, she moved to Temasek Life Sciences Laboratory, Singapore wherein, apart from dealing with the inventions in plants and fungal biotechnology, she also got to deal with protection of plant varieties. Ms. Dipika Dalal anchored the session and welcomed the guest on behalf of all students. Dr. Aaradhana gave a very comprehensive account of the need of plant variety protection and elaborated the process of the same. Her presentation also included the legal aspects as she conveyed to the young researchers that merely using a new variety for research is not illegal. She expressed her delight on being part of the team while protecting Temasek variety of rice there in Singapore. She was nostalgic about being part of the department activities and shared her student experiences with all. The session ended with mutual admiration and thanking all. Prof. Hitesh Solanki, Prof. Bharat Maitreya, Dr. Nainesh Modi and Dr. Saumya Patel coordinated the event. All participants received e-certificates.

A National Webinar on **Technological Interventions in Plants 2020 (TIP 2020)** was organized on Thursday, 8th October 2020 from 11.00a.m. to 1.00p.m. **The webinar was live on Facebook and Youtube.** Plants have magical properties, not only to provide nutrition, but also heal. Technological interventions have strengthened the economic value of plants, thus, making them better providers, of nutrition and health to us. This webinar was for all the researchers working with plants. More than 500 participants from all over India and even abroad joined the webinar and benefitted.

The Inaugural session began with the University Song and a formal welcome of the guests. Dr. P. M. Patel, Registrar - Gujarat University, was the president of the session. He addressed the participants and emphasised on the need to collaborate and research using plants. He highlighted the need to explore the significant properties in plants through advanced research.

He also urged the researchers to focus on issues that are relevant and applicable to society at large. Alongside results of the poster competition were announced. The UG students were awarded Budding researcher awards while the PG and Research Scholars were awarded Young Scientist Awards. The first Distinguished Speaker, **Prof Ramavtar Sharma**, Principal Scientist from CAZRI-Central Arid Zone Research Institute at Jodhpur, Rajasthan, delivered the lecture on Theme A: Technological Interventions in Plants for better nutrition. The title of the lecture was **Biofortification Approaches and Achievements**. Prof. Sharma emphasised on the role of nutrients from plants and ways to maximise their production through Biofortification. Selection through conventional breeding methods have many a times focussed on only maximising production and might result in loss of nutrients in the new varieties so selective breeding, use of molecular markers etc should be given priority while doing plant breeding work. He also illustrated the new developed varieties of different crops and gave many ideas for young researchers to pursue research in the field of Biofortification. The second distinguished speaker, Prof. Mamta Shah, Professor and Head, Department of Pharmacognosy, L. M. College of Pharmacy, Ahmedabad, Gujarat delivered the lecture on Theme B: Technological Interventions in Plants for better health. The title of the lecture was **Technological Interventions in Plants Drug Research**. She gave a quick overview of role of medicinal plants and their metabolites and detailed account of specific constituents for herbal drugs. Further, she outlined the conventional and new approaches to isolate the active principle for testing the bio efficacy of the drug. She also elaborated on the role of newer areas of study like Bioinformatics in elucidating the role of certain phytochemicals in herbal drug research. The webinar was coordinated by Prof. Hitesh Solanki, Prof. Bharat Maitreya, Dr. Nainesh Modi and Dr. Saumya Patel. All participants received e-certificates.

A HANDS-ON TRAINING & DEMONSTRATION OF MUSHROOM CULTIVATION was organized on Wednesday, 14th October 2020. **Dr. M. D. Shukla**, Retired Professor, Department of Microbiology, M.G. Science Institute was the Distinguished Resource Person for the **HANDS-ON TRAINING & DEMONSTRATION**. Dr. Shukla has conducted many workshops on Mushroom Cultivation and he is associated with many state and national level organizations like All India Association of Environmental Management, Mushroom Society of India, Gujarat Science Academy and All India Association of Microbiologists. The objective of the training and demonstration was to show materials and methods to the students required for growing mushrooms. The M Sc Botany, M Sc Horticulture Science Garden Management and M Sc Climate Change Impacts Management students alongwith the research scholars and staff members participated in the session. The lecture was conducted Online through **Microsoft TEAMS** with more than 50 participants. On behalf of Department of Botany, Bioinformatics & Climate Change Impacts Management, Mr Dhruv Pandya introduced and welcomed Dr M. D. Shukla. While demonstrating, Shukla sir also highlighted the precautions to be taken for preventing contamination. Shukla sir started with explaining the ways to fill the medium in the poly bags and inoculation of the spawn. Further the bags were placed inside the culture room at ambient temperature, while they can be hanged in a corner in a room as well where there is preferably no light. The session concluded with a formal vote of thanks by Mr. Dhruv Pandya and Dr. Archana Mankad, Professor & Head, Department of Botany, Bioinformatics & Climate Change Impacts Management. The session generated a lot of excitement among the students

who interacted with Dr. Shukla in a Question- Answer session. It was an informative session and Dr. Shukla has kindly agreed to continue guiding the students if they wish to take up small projects in growing mushrooms. Prof. Hitesh Solanki, Prof. Bharat Maitreya, Dr. Nainesh Modi and Dr. Saumya Patel coordinated the whole activity very enthusiastically. All participants received e-certificates.



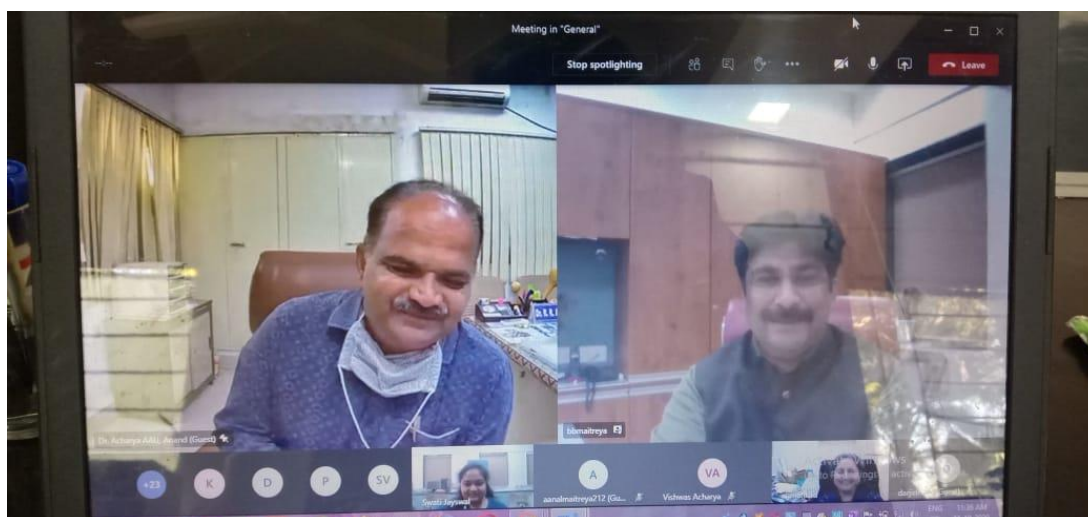




The research scholars from Botany, Bioinformatics & Climate Change recorded audio clips pertaining to their subjects for **GURUVANI** at EMRC, Gujarat University. The audio clips were broadcast and appreciated by all.

All faculty members are participating in online activities since June 2020 by conducting lectures or tests. Online demonstrations and practical sessions are also being planned on MSTEAMS.

Gujarat University Botanical Society (GUBS) organized an **INVITED LECTURE ON RECENT ADVANCE IN VEGETABLE CROPS** on Friday, 23rd October 2020. **Dr. R.R. Acharya**, Research Scientist (Veg.), Main Vegetable Research Station, Anand Agricultural University, Anand was the Distinguished Resource Person. Dr. Acharya has published several research papers and have completed research projects on various aspects of Plant breeding and Genetics. He has developed several agrotechniques and varieties. He has been awarded many awards and has maintained more than 1200 germplasms. He has written articles and books not only in English but also in Gujarati and has received appreciation from Government of Gujarat for Krushi Mahotsav. Prof. Bharat Maitreya welcomed Dr. Acharya and expressed gratitude that Dr. Acharya readily agreed to share his knowledge and such interactive sessions generate interest in students. The objective of the lecture was to bring home information related to vegetables for the benefit of PG students so as to orient them towards dissertation and research scholars to identify newer varieties for further research. The M Sc Botany, M Sc Horticulture Science Garden Management and M Sc Climate Change Impacts Management students alongwith the research scholars and staff members participated in the session. The lecture was conducted Online through **Microsoft TEAMS** with more than 50 participants. On behalf of Department of Botany, Bioinformatics & Climate Change Impacts Management, Ms. Swati Jayswal introduced and welcomed Dr.R.R.Acharya. Acharya sir gave a very informative presentation on different vegetable varieties developed, quality parameters and consumer preferences for selecting them. Sir explained the different varieties of vegetables developed not only at Anand but also at Junagadh, Navsari and Dantiwada Agriculture Universities. Although most researches at Agriculture Universities focus on production of crops, they also manage germplasms and develop new varieties through conventional plant breeding and Biotechnological methods. The session concluded with a formal vote of thanks by Ms. Swati Jayswal and Dr. Archana Mankad, Professor & Head, Department of Botany, Bioinformatics & Climate Change Impacts Management. The session generated a lot of excitement among the students who interacted with Dr. Acharya in a Question- Answer session. It was an informative session and Dr. Acharya has kindly agreed to continue guiding the students if they wish to take up small projects in growing vegetables. Prof. Hitesh Solanki, Prof. Bharat Maitreya, Dr. Nainesh Modi and Dr. Saumya Patel coordinated the whole activity very enthusiastically. All participants received e-certificates.



Online Navratri Celebration

The ongoing forced us to conduct online events and the TEAM GUBS took up the initiative to plan an online Navratri Celebration. The 10 days were filled with competitions and fun. The members participated in various competitions like Arti thali decorations, rangoli, diya painting/ decoration, Garbi Painting/decoration, sketching and painting, Prasad making, Garba singing, best dress and best dance etc. The PDF and videos were shared online for evaluation. The Event witnessed a fresh excitement as all felt connected during the festivals.

National Constitution Day celebration

While the constitution of India became effective starting January 26,1950, also celebrated as republic day, we celebrate Samvidhan Divas on November 26. This is the honour of the day when the constitution was formally adopted by the constituent assembly of India in 1949. Today Gujarat University Botanical Society celebrated the constitution day at 11.00 am. on Microsoft Teams. All Staff members and Students participated actively in this celebration. The session started with explaining the significance of the day and with opening remarks of our constitution by Dr. Archana Mankad, Professor and Head, Department Botany, Bioinformatics, Climate Change Impacts Management. Then, Mr. Dhruv Pandya, PhD scholar & President, Gujarat University University Botanicals Society (GUBS) read the preamble of the Indian Constitution. Ms. Aanal Maitreya, Botany Sem 3 & Vice President, Gujarat University Botanicals Society (GUBS) read the preamble of the Indian constitution. The class captains of all MSc classes as well as some research scholars (Ms. Swati Jayswal, Ms. Sandhya Verma) also participated actively and read the preamble of the Indian constitution. At the end of the celebration you tube links about the constitution were shared with all the students to get additional information about our constitution. Prof.Hitesh Solanki, Prof.Bharat Maitreya, Dr.Nainesh Modi and Dr. Saumya Patel joined in reading the preamble. Prof. Archana Mankad thanked all participants and concluded the session.

World Wetlands Day celebration

The Department has been conducting awareness campaigns to sensitize people on the various aspects of Climate Change. The research scholars and PG students of Climate Change Impacts Management accompanied by Dr. Dhara Rajput, Teaching Associate for Climate Change Impacts Management have pledged to clean the wetlands in Ahmedabad on the occasion of **World Wetland Day** on 2nd February-2021. The wetlands were shortlisted based on a pre-visit study of the various wetlands in Ahmedabad. These were targeted for removal of plastic waste and thus cleaning the wetlands for the improvement of health of the very significant aquatic ecosystem. AMC takes up the responsibility of cleaning the wetlands and after a pre-visit to some wetlands it was found that Kankaria Lake, Vastrapur lake did not have any floating plastic waste. At the same time a few wetlands were highly polluted with plastic waste. These were Chandola lake, Chanakyapuri Wetland, Gota Wetland, Bopal Wetland, Some portion of Sabarmati riverfront and Naroda wetland (Mini Kankaria).

The TEAM Climate Change had earlier visited all the sites and reported the status of the wetlands to identify those that needed immediate attention. Thus, Gujarat University students displayed extreme concern to keep the wetlands healthy.

(Pre visit) Team Distribution for Wetland Day Celebration

Group 1 Kankaria lake

Team leader:	Priyanka Pati
List of Students	Mithoon, Ankita, Himani, Hetal, Mehvish, Riya

Group 2 Chandola lake

Team leader:	Priyanka Pati
List of Students	Mithoon, Ankita, Himani, Hetal, Mehvish, Riya

Group 3 Naroda lake (Mini Kankaria)

Team leader	Prachi Talsania
List of Students	Bavin, Heer

Group 4 Vastral lake

Team leader:	Prachi Talsania
List of Students	Shreedhar, Pavan

Group 5 Vastrapur lake

Team leader:	Ashma Kazi
List of Students	Dipal, Rajkumar, Kalpesh, Dev, Divya

Group 6 Bopal lake

Team leader:	Roshni Patel
List of Students	Binal, Tanvi, Harsh, Jay, Dhara,

Group 7 Chanakyapuri and Gota lake

Team leader:	Roshni Patel
List of Students	Harsh, Drushti, Heena, Kranti, Shrujay


Group 8 Malav Lake (Jivrajpark)

Team leader:	Sanjay Jain
List of Students	Rajkumar, Dev, Heer

Group 9 Vavol lake (Gandhinagar)

Team leader:	Sanajy Jain
List of Students	Jignesh, Muskan

Pre-Visit Report with photographs

Sr no	Wetland	Team	Pollution	Other remarks
1	Gota lake, Ahmedabad	Shrujay, Harsh, Jay, Kalpesh, Illyas, Dev, Nirali, Kranti, Tanvi, Dhara, Heena Makvana, Akansha, Heer. (Sem 1, CCIM)	Highly polluted with plastic waste. Effluent water, different packet food material,	Construction site is nearby dumping waste into wetland.
				
2	Chanakyapuri lake, Ahmedabad	Shrujay, Harsh, Jay, Kalpesh, Illyas, Dev, Nirali, Kranti, Tanvi, Dhara, Heena Makvana, Akansha, Heer. (Sem 1, CCIM)	Highly polluted with plastic waste. Effluent water, different packet food material,	



3	Vastrapur lake	Dipal, Rajkumar, Kalpesh, Dev, Divya	No reported	Pollution	Regularly cleaned by AMC
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4	Kankaria lake	Mithoon, Ankita, Himani, Hetal, Mehvish, Riya	No reported	pollution	Regularly Cleaned by AMC
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5	Chandola lake	Mithoon, Ankita, Himani, Hetal, Mehvish, Riya	Highly polluted, Eutrophication	not easily accessible
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6	Bopal lake	Binal, Tanvi, Harsh, Jay, Dhara,	Highly polluted	
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7	Sabarmati River front	Rajkumar, Ankita, Riya, Mehvish	Moderate polluted with plastic waste	Pollution found near boating area
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The TEAM CLIMATE CHANGE led by Dr. Dhara Bhavsar Rajput cleaned the wetlands to make them free of plastic pollution. The team had earlier visited all the sites to assess the status of the wetlands and to identify those that needed immediate attention. They were equipped with gloves, masks and took out all plastic waste that was floating on the surface of the selected wetlands. In this way Gujarat University students displayed extreme concern to keep the wetlands healthy. Prof. Dr. Himanshu Pandya, Vice Chancellor, Gujarat University congratulated the TEAM CLIMATE CHANGE for this unique way of celebrating the Wetlands Day. The action-packed day witnessed enthusiastic participation by the students who took pride in their actions in their matching T-Shirts and caps with Gujarat University Logo as they represented CLIMATE AMBASSADORS of Ahmedabad. The whole activity was coordinated by faculty members of the department- Prof. Hitesh Solanki, Prof. Bharat Maitreya, Dr. Nainesh Modi and Dr. Saumya Patel.



GUJARAT UNIVERSITY BOTANICALS SOCIETY (GUBS), Department of Botany, Bioinformatics & Climate Change Impacts Management, Gujarat University, Ahmedabad,

Gujarat organized a National Webinar on **Climate Change Actions in Gujarat on Wednesday, 10th February 2021**. Prof. Archana Mankad welcomed the President of the function Honorable Vice Chancellor, Prof. Himanshu Pandya, Guests of Honour Pro Vice Chancellor, Dr. Jagdish Bhavsar & Registrar, Dr. P. M. Patel, Distinguished speaker Shri Shwetal Shah, Technical Advisor, Department of Climate Change, Government of Gujarat and all participants for the webinar. **Climate Change is real. Awareness needs to be translated into actions. It is time for all to join hands, and take a pledge to do whatever one can, in one's own capacity, to strengthen the conviction that together we can.**

Prof. Himanshu Pandya congratulated the department for the webinar and expressed concern to generate a work force to handle climate change. He emphasised on an urgent need to translate words into action at all levels to combat climate change.

Shri Shwetal Shah, Technical Advisor– Climate Change for the Government of Gujarat, India. He works for the State of Gujarat in Climate Policy, adaptation and mitigation strategies and climate finance. He has been instrumental in drafting renewable energy policies, State Action Plan on Climate Change, creation of Covenant of Mayors of Gujarat, Promotion of Electric Vehicles in Gujarat and state-wide climate change awareness campaign. He is qualified in M. Tech. (Energy Management) and M.Sc. (Environment Management) from Forest Research Institute University (FRI), Dehradun. Earlier during 2010 to 2011, he was the Chief Minister's Fellow under the then Chief Minister and now Prime Minister of India, Mr. Narendra Modi and worked on crucial issues Resource Conservation, Waste Management, Renewable Energy, Marine Debris and Green Buildings. He is visiting faculty at School of Liberal Studies (SLS), Pandit Deendayal Petroleum University (PDU). He has delivered more than 100 talks and presentations on various issues of climate change, environment management, disaster management in UN, Universities, Conferences, Seminars both at National and International levels. He has also written papers on carbon neutral town concept, vision for Sustainable Development Goal 2030, District Adaptation framework, Climate Change Action Plan etc. He has been trained as Climate Leader by former US Vice-President, Mr. Al Gore in Los Angeles during 2018. Shri Shwetal Shah delivered a very informative lecture on **Climate Change Actions in Gujarat**. National Action Plan Climate Change (NAPCC) specifies guidelines in the form of National Missions to be prioritized. State Action Plan on Climate Change (SAPCC) takes up specific responsibilities considering local issues. In Gujarat, the vision of the Gujarat State Action Plan on Climate Change is to have a low carbon pathway and ensure a climate-resilient and sustainable future. The approach of this plan is to create win-win strategies and include participatory risk management. Participants were delighted and excited to learn online and felt proud about Government Initiatives to tackle climate change like solar roof tops, electric bikes etc. Dr. Nainesh Modi delivered the formal Vote of Thanks. The webinar was anchored by Ms. Pooja Sharma with the technical support of Mr. Dharmesh Sonagara at Rolwala computer center. The webinar was coordinated by Prof. Hitesh Solanki, Prof. Bharat Maitreya, Dr. Nainesh Modi and Dr. Saumya Patel. All participants received e-certificates.

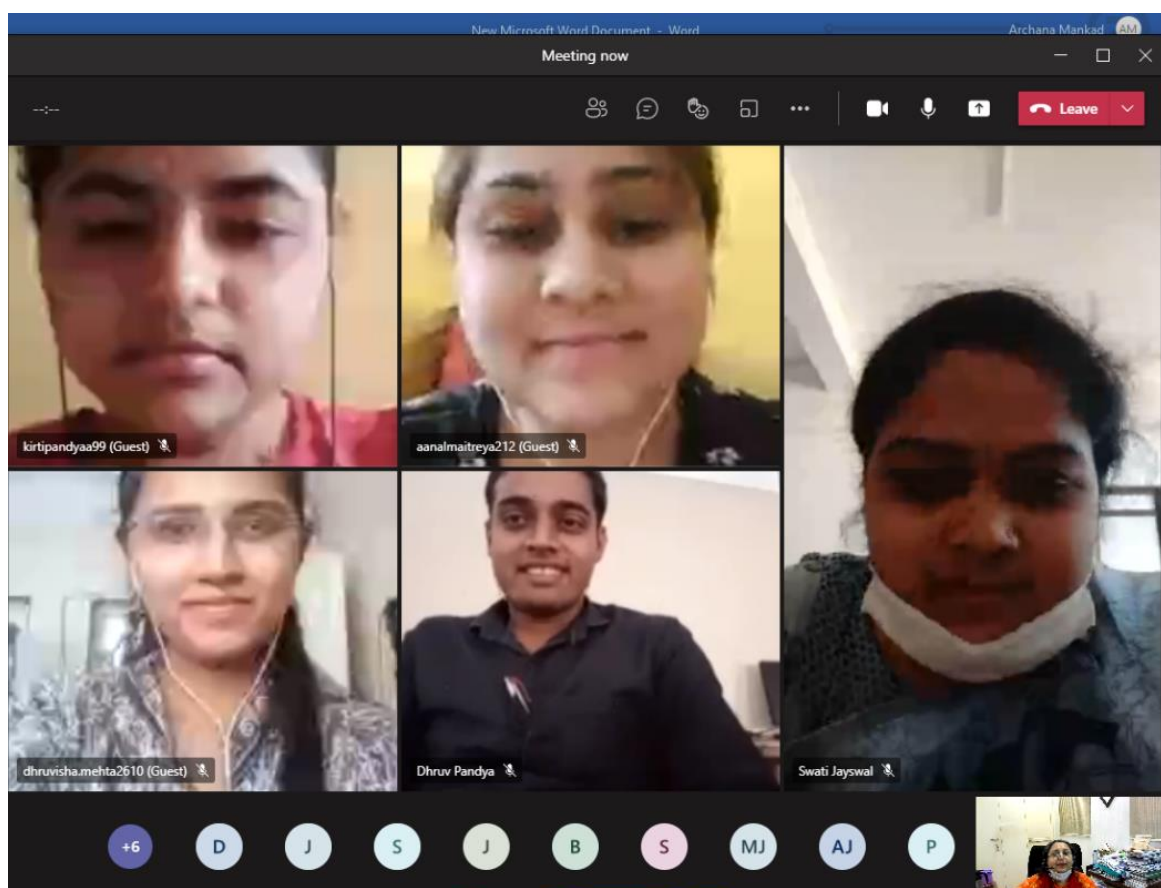
GUJARAT UNIVERSITY BOTANICALS SOCIETY (GUBS), Department of Botany, Bioinformatics & Climate Change Impacts Management, Gujarat University took an initiative

of setting up a hydroponics unit for demonstration and learning. The students of Horticulture Science and Garden Management took active interest in learning and participated enthusiastically in setting up the whole frame with ornamentals. Further they also set up the bottle garden, another novel initiative by the department to demonstrate reuse of plastic bottles in a creative manner.



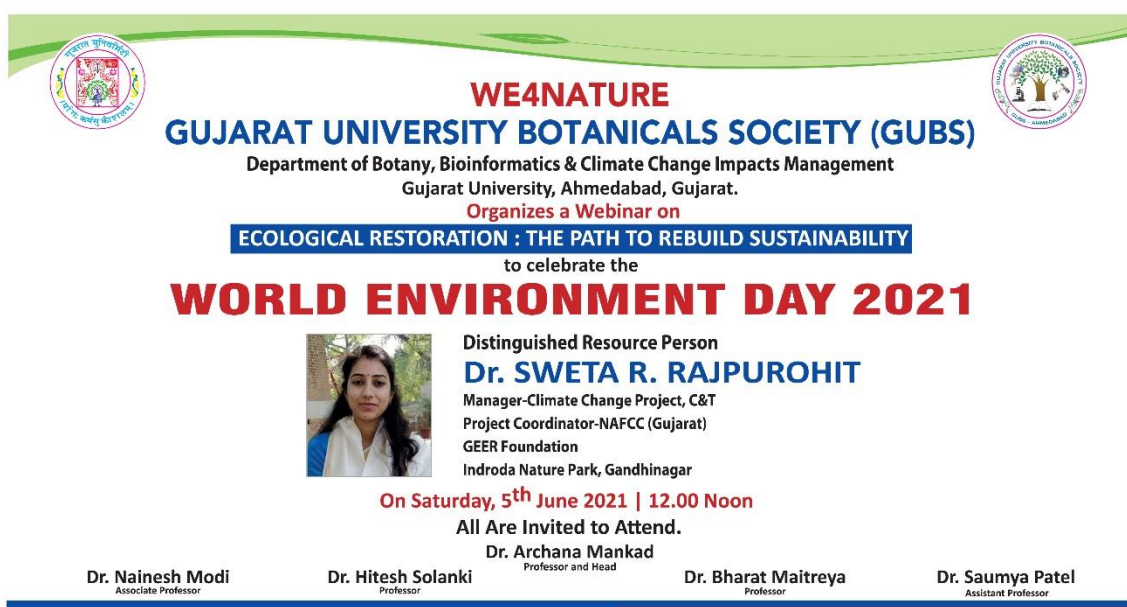


Gujarat University Botanicals Society (GUBS) celebrated the National Science Day on Tuesday, 2nd March 2021. The celebration was in the form of a **Puzzle making competition** for all the members and submit online on MSTEAMS. Knowledge needs to be translated into actions and making a puzzle makes students clear a lot of basics and empowers them in a creative way. All Staff members and Students participated actively in this celebration. Mr. Dhruv Pandya, President-GUBS, Ms. Aanal Maitreya, Vice President-GUBS, Ms. Kirti Pandya, Secretary-GUBS coordinated the event very nicely. The students shared the puzzles made by them and participants gave the answers. The competition generated a lot of enthusiasm among students.




The GUBS members enthusiastically participated in the **EARTH DAY 2021** celebration on 22nd April 2021. The focus was on the theme this year, **Restore Our Earth** and value the natural processes, identify emerging green technologies and innovative thinking that can restore the world's ecosystems. Members Identified one significant green technology/innovation that they felt can make the world a better place for us and shared it on MSTEAMS. All Staff members and Students participated actively in this celebration.

The GUBS members enthusiastically participated in the **World Environment day 2021** celebration on 5th June 2021. A webinar on **Ecological Restoration: The path to Rebuild Sustainability** was organized online. Dr. Sweta R. Rajpurohit, GEER Foundation delivered an exhaustive and very informative lecture on various aspects of ecosystem restoration. Such sessions reinforce our conviction towards restoring our environment and sensitize the youth to assist in the same through innovative projects. All Staff members and Students participated actively in this celebration.



WE4NATURE
GUJARAT UNIVERSITY BOTANICALS SOCIETY (GUBS)
Department of Botany, Bioinformatics & Climate Change Impacts Management
Gujarat University, Ahmedabad, Gujarat.
Organizes a Webinar on
ECOLOGICAL RESTORATION : THE PATH TO REBUILD SUSTAINABILITY
to celebrate the
WORLD ENVIRONMENT DAY 2021



Distinguished Resource Person
Dr. SWETA R. RAJPUROHIT
Manager-Climate Change Project, C&T
Project Coordinator-NAFCC (Gujarat)
GEER Foundation
Indroda Nature Park, Gandhinagar

On Saturday, 5th June 2021 | 12.00 Noon
All Are Invited to Attend.
Dr. Archana Mankad
Professor and Head

Dr. Nainesh Modi
Associate Professor

Dr. Hitesh Solanki
Professor

Dr. Bharat Maitreya
Professor

Dr. Saumya Patel
Assistant Professor

The online **Annual function** of GUBS was organized and witnessed enthusiastic participation by all members. The activities of GUBS in the year 2020-2021 was showcased as a very creative presentation by Ms. Aanal Maitreya and Ms. Kirti Pandya. Dr. Nainesh Modi announced the GUBS prizes and Prof. Archana Mankad announced the Golden Petal Awards for the year 2020-2021. The programme was anchored by Ms. Riya Kadia. The Semester 2 students conveyed their farewell wishes to the Semester 4 students. The session concluded on a very nostalgic informal thanksgiving and words of appreciation by all students.

GUBS AWARDS called as GOLDEN PETAL AWARDS, is our novel endeavor to acknowledge, appreciate and bring to limelight the best among the students of the department during the academic year. It is an initiative to generate interest and highlight the significance of wholehearted participation and commitment towards both curricular and co-curricular activities. A very creative momento and a very impressive certificate was specially designed

by the creative team of the department. The different categories of GOLDEN PETAL AWARDS are GOLDEN PETAL AWARD FOR ACADEMIC ACHIEVEMENT- for the toppers in internal exams and all those who were awarded fellowships by UGC/CSIR/DST and all those who win prizes in seminars / conferences at GUJARAT UNIVERSITY, GOLDEN PETAL AWARD FOR EXCELLENCE- for the students who proactively and wholeheartedly displayed excellence during various events of the department, GOLDEN PETAL AWARD FOR THE STUDENT OF THE YEAR for someone who is not necessarily the topper but is overall best, GOLDEN PETAL AWARD FOR THE RESEARCHER OF THE YEAR-for the excellent publications, and GOLDEN PETAL AWARD FOR OUTSTANDING ACHIEVEMENT-for all those who have won prizes during oral/poster presentations at seminars/ conferences outside Gujarat University and won prizes in state level competitions organized by other scientific organizations like Science Academy and made us proud as well as all those who have been conferred special appointments / fellowships or passed prestigious examinations. In addition to this we have GOLDEN PETAL AWARD FOR THE PRIDE OF THE DEPARTMENT for those who have MADE US PROUD BY THEIR ACHIEVEMENTS.

GUBS AWARDS 2020-2021

GOLDEN PETAL AWARD FOR Academic Achievement for TOPPER INTERNAL EXAM-BOT SEM III to Dhruva Jani, TOPPER INTERNAL EXAM-BOT SEM I to Freny Brahmakshatriya, TOPPER INTERNAL EXAM-BIN SEM III to Muskan Sanklecha, TOPPER INTERNAL EXAM-BIN SEM I to Het Soni, TOPPER INTERNAL EXAM-CCIM SEM III to Dipal Patel, TOPPER INTERNAL EXAM-CCIM SEM I to Harsh Patel, TOPPER INTERNAL EXAM-HSGM SEM III to Heli Oza, TOPPER INTERNAL EXAM-HSGM SEM I to Himanshu Dubey, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Dhruva Jani, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Aanal Maitreya, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Ameer Patoliya, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Riti Shah, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Milan Vala, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Dhruv Pandya, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Sandhya Verma, for YOUNG SCIENTIST award in National Webinar on Technological Innovations in Plants to Stacey Christian, **GOLDEN PETAL AWARD FOR EXCELLENCE IN MANAGEMENT** to Dhruv Pandya, **GOLDEN PETAL AWARD FOR EXCELLENCE IN MENTORING** to Bhanu Solanki, Palak Sapra, Swati Jayswal, Naman Mangukia, Anjali Shukla, Dipika Dalal. **GOLDEN PETAL AWARD FOR STUDENT OF THE YEAR** to Dhruvisha Mehta, **GOLDEN PETAL AWARD FOR OUTSTANDING ACHIEVEMENT** for first prize for Oral presentation – PG category at International Science Symposium at Christ College, Rajkot to Mohitgiri Goswami, for Second prize for Poster presentation – PG category at International Science Symposium at Christ College, Rajkot to Aumshree Sorathia, for Second prize for Oral presentation – Research Category at International Science Symposium at Christ College, Rajkot to Sanjukta Rajhans, for Second prize for Poster presentation – Dr. A.P. J. Abdul Kalam’s birth Anniversary at Ganpat University, Mehsana to Priyanka Zala, for First rank On-the spot drawing - Dr. A.P. J. Abdul

Kalam's birth Anniversary at Ganpat University, Mehsana , and First prize in poster presentation during India International Science festival IISF 2020 organized by CSIR to Dhruva Jani, for Second rank On the spot drawing - Dr. A.P. J. Abdul Kalam's birth Anniversary at Ganpat University, Mehsana to Riti Shah, for second prize in Quiz competition by GEC and SCITECH to Swati Jayswal, for 1st position in Best Scientific Poster Award at the International Conference organised by Guru Gobind Singh Indraprastha University to Juhi Gajjar, for Consolation prize in Paper presentation during International Conference on Conservation of Nature and Siddha Medicine (CNRTSPA- 2020) organized by William Research Centre, Nagercoil, Kanyakumari, Tamilnadu to Rachana Suthar.

GOLDEN PETAL AWARD FOR EXCELLENCE IN COORDINATION to Dr. Dhara Bhavsar Rajput, **GOLDEN PETAL AWARD FOR EXCELLENCE IN SOCIAL OUTREACH** to Dr. Nainesh Modi, **GOLDEN PETAL AWARD FOR FACULTY OF THE YEAR** to Dr. Saumya Patel, Prof. Dr. Hitesh Solanki, Prof. Dr. Bharat Maitreya, Prof. Dr. Himanshu Pandya, **GOLDEN PETAL AWARD FOR DYNAMIC LEADER OF THE YEAR TO DR. JAGDISH BHAVSAR, GOLDEN PETAL AWARD FOR STALWART OF THE YEAR TO PROF. DR. HIMANSHU PANDYA.**
