

INTERNATIONAL CONCLAVE ON SUSTAINABILITY AND GREEN GROWTH INCLUDING RESEARCH COLLOQUIUM

THE REPORT

EVENT DATE: 24 JANUARY 2024



National Conclave on

Sustainability and Green Growth Including Research Colloquium

24th January 2024, Wednesday | 09:00 AM to 04:00 PM



Dr. Ganpat I. Patel (Dada)
Patron-In-Chief and President
Ganpat University



Dr. Mahendra Sharma
Pro-Chancellor & Director General
Ganpat University



Dr. Rajeev Ranjan, IAS, (Retd.)
Director, ICRO



Mr. Rahul Kirkire
Regional Director, NPC



Shri R. P. Gelot
Deputy Director (R & D)
GEER Foundation



Dr. Maurvi Vasavada
Associate Executive Dean
GUNI-FAAS



Shri Sagar Panchal
IG Drones



Smt. Shruti Mehata
Founder
BharatGodam Solutions



From the Desk of the President and Patron-In-Chief of Ganpat University:

Ganpat university has always been at the forefront of innovation, knowledge creation, and societal impact. As we navigate the complexities of the 21st century, it is imperative that we recognize and embrace our role in fostering a sustainable and resilient future. The challenges posed by climate change, resource depletion, and environmental degradation are not distant threats; they are present realities that demand our attention and action.

I am proud to announce that our university is embarking on a comprehensive sustainability initiative aimed at integrating environmental stewardship, social responsibility, and economic viability into all aspects of our institution. This initiative will be guided by the principles of sustainable development, seeking to meet the needs of the present without compromising the ability of future generations to meet their own needs.

To achieve this, Ganpat University focuses on several key areas:

1. **Carbon Neutrality:** We are committing to achieving carbon neutrality on our campus. This will involve reducing our carbon footprint through energy efficiency measures, adopting renewable energy sources, and offsetting remaining emissions through responsible initiatives.
2. **Green Infrastructure:** Our commitment to sustainability extends beyond energy. We will invest in green infrastructure projects, such as eco-friendly buildings, sustainable landscaping, and water conservation measures, to create a more environmentally conscious and resilient campus.
3. **Curriculum Integration:** Education is a powerful tool for change. We will work towards integrating sustainability into our academic curriculum across disciplines, ensuring that our students are equipped with the knowledge and skills needed to address the complex challenges of the future.
4. **Research for Impact:** Our research endeavors will be geared towards finding innovative solutions to sustainability challenges. We will foster interdisciplinary research collaborations that contribute to the global pool of knowledge and drive positive change.
5. **Community Engagement:** We recognize the importance of engaging with our local and global communities. Through partnerships, outreach programs, and knowledge-sharing initiatives, we aim to contribute to the broader movement for sustainable development.

This sustainability initiative is not just a strategic plan; it is a collective commitment to being responsible stewards of our planet. As members of this academic community, I urge each of you to embrace sustainability in your daily lives, research, and teaching. Together, we can inspire positive change and contribute to a world that is not only academically enriched but also environmentally sustainable.

Let us lead by example and be a beacon of hope for future generations.

Thank you, and let us embark on this journey towards a sustainable and green future together.

May God bless all!



Shri Ganpat I Patel
President and Patron in Chief
Ganpat University

International Conclave in Association with National Productivity Council on Sustainability and Green Growth (SGG) including Research Colloquium

In a bid to learn, collaborate, and catalyze changes for sustainable productivity and green growth, a Ganpat University, India hosted an International Conclave On Sustainability And Green Growth Including Research Colloquium 24 January, 2024 on the verdant campus of Ganpat university under in association with of National Productivity Council (NPC) and IPL Centre for Rural Outreach.

Stoked by a firm resolve in contributing to Government's *Viksit Bharat Abhiyan*, the conclave witnessed an esteemed gathering of sophisticated minds to deliberate on some of the crucial challenges facing our nation in the coming time, and how India can as a nation tackle several actual and potential threats to mitigate their adverse effects by adopting the practices of Green Growth for Sustainable Development.

Amid the auspicious gleams of diyas, the inaugural ceremony was held in the august presence of Honorable Patron-in-Chief and President of Ganpat University Shri Ganpatbhai Patel (Dada),, Pro Chancellor and Director General of Ganpat University Dr. Mahendra Sharma, Mr. Daniel Montaplaisir, Joint Director General-GUNI; Shri Rajeev Ranjan, Retd IAS, ex CS for the state of Tamilnadu and



Director ICRO; Mr Rahul Kirkire, Regional Director, NPC, Gandhinagar; Shri R P Gelot Gujarat CSR Authority for GEER Foundation, Gandhinagar; Mr Natarajan Pratap, Director (environment), National Productivity Council, Dr Juhar Ali, Principal Scientist, Head, Hybrid Rice Development Consortium (HRDC), International Rice Research Institute, Philippines, Dr Maurvi Vasavada, Associate Executive Dean, GUNI-Faculty of Agriculture and Allied Sciences, and Shri Sanjay Vanani, Head, GUNI-DSW.

The Conclave began with the welcome address of Dr Maurvi Vasavada, setting the tone for the events to unfold. She underpinned the importance of such initiatives where people from industry and academia could work hand-in-hand with government policy makers in order to reflect on developing forests, increasing water conservation and thus enhancing the green cover on earth. In her address, she made a very important point saying that sustainability is ingrained in each activities carried out at Ganpat University. She then went on to elaborate the way Shri Ganpatbhai Patel has been leading his life and stressed on each of the 5 important elements involved in GUNI Panch-Kriya ritual. It is a way of life that was conceptualized and has been highly endorsed by Dr. Mahendra Sharma, Pro Chancellor & Director General of Ganpat university.

Shri Rahul Kirkire, Regional Director, NPC, Gandhinagar explained in quite a lucid manner the theme of the conference. Drawing the bits of wisdom from our ancient scriptures, he very rightly pointed out that if the vitality (life acquired from consuming food) is to reach to your plate from the farms, then logistics sectors is very important. Sharing his views, he opined that today's economy has become a supply driven economy. In olden days, it used to be demand driven, hence it didn't much affect the environment adversely. Today, in this supply driven era, there's lot of access production; and as a

result, a lot of wastage. In his opinion, we must become sensitive towards living responsibly, adhering to the ways prescribed by Mission Life. Pondering over the exodus of villagers into cities, he said the

government has been making efforts for such villagers to live a sustainable life without compromising its quality and without having to move into cities. Talking briefly about National Mission For Sustainable Agriculture, part of National Mission for Climate Action initiative, he said a lot of the sustainable practices have been happening like multi-cropping, Agro-forestry, Drip Irrigation, Soil Health Cards and the like. Through Kisaan Rath mobile application, farmers and food producing organizations (FPOs) can book transportation for their produce. Perishable Cargos and



Sagarmala also help farmers put their produce to fore. He concluded with an urge that the whole value chain can only be happy when it is sustainable.

Prof. (Dr.) Mahendra Sharma lauded Ganpat Dada's efforts and resolve towards making GUNI campus more sustainable in the days to come. He sprinkled in the wisdom of our scriptures saying that right from a very tender age, we receive this wisdom that we are not separate from the flora and fauna surrounding us. It is this interconnectivity between plants, animals and humans which is evident in the way we live. Our scriptures have taught us to take care of our environment, and thus helping you to live a very good quality life. He said that according to Chakrasanhita the destruction of the forest is considered to be the destruction of the state, and reforestation is an act of rebuilding the state. This feeling of oneness has helped us survive the tumultuous time of 10,000 years. He also stressed our nation has always believed in **वसुधैव कुटुम्बकम्**. And even in Ramayana, after conquering Lanka, Lord Rama had no intension of annexing Lanka with India but he left the rule of Lanka to the prudence and wisdom of Vibhishana. Thus, preservation and protection of one and all has always been deeply entrenched in our psyche. Rather than passively thinking about environment, he requested the students to be more vocal about it, and what steps could help make environment better. Concluding his address, he urged everyone that our every act should lead to the preservation and protection of our environment.



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Addressing the gathering, he said Green Growth obviously entails the concept of financial growth and

prosperity. But in doing so we must never lose sight of one important aspect that your financial growth shouldn't be damaging the environment around you. He preferred Green energy and Solar energy as more viable options to thermal power stations run using coal the main source, thus emitting more and more carbon in the environment. He informed about a few government powered schemes to bring awareness on these alternative sources of producing energy. As for students, he advised them to follow the dictates of Mission Life for a better and greener life. He was swooned over by the fact that Ganpat university houses hundreds of trees on its campus, and a microforest to tackle the worsening environmental issue. He concluded with his advice to build a more wholistic approach towards green growth.

Distinguished Guest Dr Juhar Ali, from International Rice Research Institute, Philippines joined through virtual media and delivered his expert talk on the hybridization of the rice to address the Global Food security issues. He presented in riveting details the global food crisis facing the humanity and how it is likely to increase in the coming days. With a foreboding feeling he said that if this trend continues then, by 2050, two most populated countries i.e. India and China will face a real threat, with more draughts and floods happening in the days to come. In his opinion, everything stems from the planet gradually warming up and then he showed the sources of these greenhouse gas emission. From among agricultural sources, he pinpointed that from the cultivation of rice alone, the methane emission is 11%. He then methodically demonstrates a new hybrid variety of rice he and his team is working on. This, according to him, will be a major breakthrough for the agrarian society for securing food through low carbon footprints.



Shri Rajeev Ranjan, Retd. IAS and Director ICRO began by acknowledging the real time association of ICRO with the students of Ganpat University K K Institute of Agriculture Sciences and Research through an Internship program called Amrit Intern Project. He said while on one hand there is surplus of food and issues pertaining to that, such as obesity and heart diseases and diabetes, there is a whole population which is not getting the food it should be having. The larger picture, according to him, is that India has both the extremes – cases of over and under nutrition. He said that students need to understand that



they will have a broader role to play once they graduate and be able to tackle issues like climate change and sustainability. He then walked the gathering through a project, a CSR initiative called *Amrit Internship Training* to reach out to farmers. Through such projects, the abundance of knowledge and technological advancements that already exist in laboratories are disseminated to the bottom level farmers through Amrit Interns. He said each intern, under this programme, is supposed to reach out to at least 100 farmers and inform them about the ongoing government schemes,

farming practices and so on. His presentation put into perspective the issue at hand and what ICRO has been doing its bit to mitigate the imminent environmental disaster. Pondering over the issue, he firmly opined that academics and industry people must converge their ideas to give impetus to the government's resolve of reaching Net-Zero carbon emissions by 2070. Towards summing up, he said as students you should know that the concept of Green Growth is a departure from the traditional thinking of Grow First and Clean later. It is never permissible, neither do the rules permit you now. It is actually a wholistic approach where economic development, social development and environment sustainability go hand in hand.

Following Dr. Ranjan's informative address, President and Patron in Chief of Ganpat University Shri Ganpatbhai Patel (Dada) spoke about the values and environmental ethics he had learn while growing up. NPC Distributed the certificates of appreciation to various stake holders for their project on Bio Medical waste management practices.



The inaugural ceremony concluded with a vote of thanks by Shri Sanjay Vanani, Head, GUNI-DSW.

The conclave also provided a platform to young and budding entrepreneur to share their adoptions and product development towards sustainability through technological advancements. Mr Sagar Panchal, IG Drones presented the technical session on "Drone Application in Agri/Food Business" through presentation and real time examples.

Ms Shruti Mehta, Business Development Manager from BharatGodam presented the "Software Solution for the Warehouses especially for the Agricultural Commodities". She presented the software which analyses the existing Logistics and Storage facilities at warehouse and suggest the End to End checkpoints during the commodity transfer. The software also shows the ideal transportation condition for perishable commodities.



During the second half of the event, the Post-Graduation Dissertation and Doctoral Thesis presented by the Research scholars who have completed their Research degrees encompassing the theme of Sustainability and green Growth.

There were 128 total registrations from various State Agriculture Universities outside of GUNI Participants. In the Research Colloquium, a total of 9 PhD Theses and 14 Post Graduate Dissertations were presented on the theme of Sustainability and Green growth. The participation

received in the Colloquium was from Various State Agriculture Universities belonging to the states of Gujarat and Andhra Pradesh.

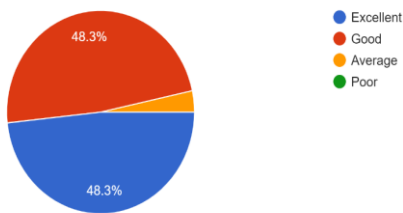
The conclave quite considerably lived up to the promise to facilitate the exchange of cutting-edge sustainability research and best practices among academia, industry, and government. A genuine attempt was made to develop comprehensive strategies and solutions for sustainable development

by way of fostering collaboration among these stakeholders. Additionally, the event provided an eagerly awaited platform for policymakers to discuss and formulate effective green policies and regulations. Novice researchers and enthusiasts could also takeaway ample networking opportunities to build meaningful connections with the like-minded for sustainable and environmentally friendly growth.

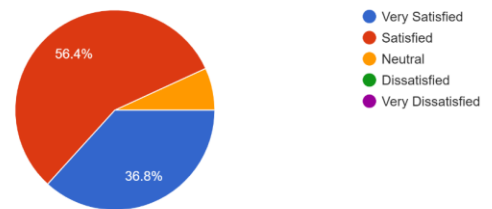
The dignitaries visited Ganpat University campus at the end of the day and witnessed the practical implementation of Green Campus concept.



How would you rate the relevance of the topics covered?
118 responses

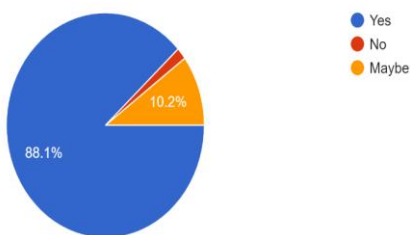


Overall satisfaction with the event
117 responses



The Feed back:

Would you be interested in similar events in the future?
118 responses



At the end of the event the Feedback form circulated among all the participants for their review on the event and invited the suggestions for better planning for next event.

The overall feedback stayed Excellent to Good from the view of the participants. Almost 80% of the participants were satisfied and 98% of them agreed to attend similar events in future.

ગણપત યુનિવર્સિટીમાં 'ગ્રીન ગ્રોથ' થીમ પર રાષ્ટ્રીય ક્ષાનો સેમિનાર યોજાયો

નવગુજરાત સમય > મહેસાણા

■ ગણપત યુનિ. ખાતે 'નેશનલ કોન્કલેવ ઓન સસ્ટેનિબિલિટી એન્ડ ગ્રીન ગ્રોથ ઇન્કલુડિંગ રિસર્ચ કોલોકિવયમ' સેમિનાર યોજાયો હતો.

નેશનલ પ્રોડક્ટીવિટી કાઉન્સિલ તેમજ ઇન્ડિયન પોટાશ લિમિટેડના આઈપીએલ સેન્ટર ફોર રૂરલ આઉટરીચના સહયોગથી યોજાયેલા આ સેમિનારના પ્રારંભે ગણપત યુનિવર્સિટીના પ્રમુખ પદ્મશ્રી ગણપતભાઈ પટેલ, પ્રો. ચાન્સેલર પ્રો.ડૉ. મહેન્દ્ર શર્મા, એન.પી.સી.ના રાહુલ કિરકિરે, ગુજરાતના 'ગીર' ફાઉન્ડેશનના આર.પી. ગેલોત સહિત ઉપસ્થિત રહ્યા હતા. કોન્કલેવના મુખ્ય કો-ઓર્ડિનેટર પ્રો.ડૉ. મૌરવી વસાવડાએ જણાવ્યું હતું કે, ગણપત દાદાના નેતૃત્વમાં યુનિવર્સિટીએ કરેલા ટકાઉ વિકાસના સંકલ્પનો અમે હંમેશા આદર કરીને જ આગળ



વધીએ છીએ. ટકાઉ વિકાસના માર્ગમાં આવતા પડકારોને કેવી રીતે અતિક્રમી શકાય તે અંગેના વિચાર-વિમર્શ માટે ઊદ્યોગો, સરકાર અને શિક્ષણ સંસ્થાઓ મળે એ આ પ્રસંગનો ઉદ્દેશ છે. રાહુલ કિરકિરેએ કહ્યું હતું કે, ટકાઉ વિકાસ માટે જરૂરી એવી જીવવાની નીતિ-રીતિ અને વ્યવહારો માટે સમાજને તેની જવાબદારી અંગે જાગૃત, સંવેદનશીલ બનાવવો જરૂરી છે.

પ્રો. ડૉ. મહેન્દ્ર શર્માએ હાજર સૌને અહીં પર્યાવરણ વિષયક વિચાર વિમર્શમાં સક્રિય રીતે ભાગ લઈને પર્યાવરણની જાણવણી થાય, એનું રક્ષણ થાય એવી જીવન પદ્ધતિ અપનાવવા અનુરોધ કર્યો હતો. નિષ્ણાતો આર.પી. ગેલોત અને ડૉ. જુહાર અલીએ કહ્યું કે,

ગ્રીન ગ્રોથ અને ગ્લોબલ ફૂડ કાઈસિસ વિષે પણ ગંભીરતાથી વિચારવું જોઈએ. આઈકાના રાજીવ રંજને કુપોષણ અને અતિપોષણના મુદ્દાને લક્ષ્યમાં રાખી તેના બેવડા પડકારોને ઝીલી લઈ યુવા વિદ્યાર્થીઓએ તેના ઉકેલની દીશામાં મહત્વપૂર્ણ પ્રદાન કરી ક્લાઈમેટ ચેંજ અને સસ્ટેનિબિલિટીને સિદ્ધ કરવા અનુરોધ કર્યો. પર્યાવરણ જાળવણીના ક્ષેત્રે મહત્વનું પ્રદાન કરનાર વ્યક્તિઓ અને સંસ્થાઓને નેશનલ પોટાશ કંપની દ્વારા પ્રમાણપત્રો અર્પણ કરાયાં હતાં. દેશભરની કૃષિ વિશ્વ વિદ્યાલયોમાંથી આવેલા 128 જેટલા સંશોધકોએ આ કોન્કલેવમાં સહભાગી થઈ 9 પીએચડી થીસિસ અને 14 પીજી ડેઝરટેશન્સના આધારે પેપર પ્રેઝન્ટેશન કર્યું હતું, જેના કેન્દ્રમાં ટકાઉ વિકાસ અને પર્યાવરણની જાળવણી જ હતા. દિવસ દરમિયાન પર્યાવરણ-ગ્રીન ગ્રોથ સંબંધિત અનેક વિષયો ઉપર વિવિધ નિષ્ણાતોના ટેકિનિકલ સેશન્સ યોજાયા હતા.



गणपत युनि.मां नेशनल लेवलनो सेमिनार योजायो



महेशाणा । केन्द्र सरकारना विकसित भारत अभियानना अेक भागरुपे अने नवा भारतना निर्माणमां विविध वृत्ति अने प्रवृत्तियो द्वारा कशुंक मूल्यवान प्रदान करवानी कोशिश रुपे ताजेतरमां गणपत युनि.मां अर्थपूर्णा अवसर योजायो हतो. आ अवसरनुं नाम हतुं. नेशनल कोन्कलेव ओन सस्टेनिबिलीटी अेन्ड ग्रीन ग्रोथ र्धन्कलुडींग रिसर्च कोलोक्वियम आ मूल्यवान विचार विमर्श माटेना राष्ट्रीय कक्षाना आयोजनमां केन्द्र सरकारनी संस्था नेशनल प्रोडकटीविटी काउन्सिल तेमज र्धन्डियन पोटाश लिमिटेड संस्थाना अेक अेकम आर्धपीअेल सेन्टर झोर र्इरल आउटरीयनो पण सहयोग सांपडयो हतो. गणपत युनि.ना दाता अने प्रभुज पद्मश्री गणपतभाई पटेल, युनि.ना प्रो.यान्सेलर अने डायरेक्टर जनरल प्रो.डा.महेन्द्र शर्मा, अेनपीसीना राहुल किरकिरे, गुजरातना गीर झुण्डेशनना आर.पी.गेलोत सहित अनेक महानुभावो उपस्थित रह्या हता.