



# SUSTAINABILITY INITIATIVES

## ANNUAL REPORT

**2022-23**

## About Us

Sustainability Initiatives (SI) is a not-for-profit organisation based in Pune. It is formed by a group of like-minded professionals in the field of urban and environmental planning, architecture, environmental science, geography and energy. Sustainability Initiatives is formed with the objective of creating a network of researchers, academicians and professionals to develop core research in the area of environment and energy.

Sustainability Initiatives works in the area of Advocacy for government policy. We undertake research and analysis of government policy and provide studied opinions on its benefits and issues. In this area, we handhold government departments and provide them the necessary resources to conduct specific research to guide policy making. Our detailed and expert research on the Development Plan for Pune and our studied opinion on the Development Control Rules for the city have been widely appreciated.

We also work in the area of Knowledge creation, conducting research that is used for quality publications. Our efforts to create Urban Street Design Guidelines for Pune have gained appreciation at various levels. We have a quarterly Newsletter, SI:Imprint, in which we showcase interesting projects in the areas of urban environment planning and management.

We conduct numerous training programmes, conferences and seminars to disseminate knowledge to a wider audience. We have conducted trainings and conferences on Green Buildings in Pune, Mumbai, Nashik, Jalgaon, Aurangabad and Nagpur. Professionals in these cities continue to connect with us for sharing and gaining knowledge about environment and construction.

Sustainability Initiatives is a platform where people from all fields can come together, collaborate and celebrate environmental action in our cities. We always look forward to connecting to bright and enthusiastic people and offer our resources for any positive action for environment.

The functional areas of Sustainability Initiatives have emerged through identification of existing gaps. There is a severe gap in availability of quality research that is specific to India and India's growth trends and potential. Further, there is a massive gap between academic research and professional applications. Similarly, government's capacity to conduct research and analysis for effective policy formulation is also weak, leading to ineffective policy implementation. Advocacy will be a cornerstone functionality that is being explored at Sustainability Initiatives. Through the services for Advocacy, Sustainability Initiatives aims to support governmental departments and similar bodies to carry out targeted research and analysis for decision making.

# Sustainability initiatives

Our work can be categorised  
under four heads namely



Research and Publication



Capacity Building



Advocacy and Outreach



Community Contributions

# Sustainability initiatives



Ar. Anagha Paranjape Purohit  
Trustee



Dr. Poorva Keskar  
Trustee



Ar. Hrishikesh Kulkarni  
Trustee



Ms. Apoorva Kulkarni  
Trustee



Ar. Vijay Sane  
Core member



Mr. Ashish Kulkarni  
Core member



Ar. Dwaipayan Chakravarty  
Core member



Mr. Amol Umbarje  
Senior Coordinator



## SI Foundation Day

### Celebrated Sustainability Initiatives' foundation day

Our team celebrated Sustainability Initiatives' foundation day on November 2022, on the occasion of 11 years completion. The entire team had showed up and future plans of action were discussed. Our mentors shared some motivational words with the team to get the energy going.



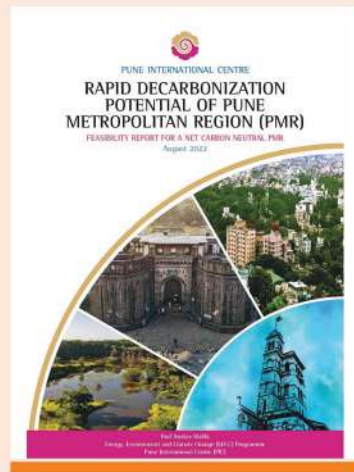
## Research and Publication

There is a pressing need for credible and quality research that supports policy making and enables informed and sensitive development in India. At Sustainability Initiatives, we believe that research, particularly in the areas of urban planning and policy will go a long way in developing robust cities.

### Technical and Financial Study of Infrastructure and its Carbon footprint Analysis in Pune Metropolitan Region

The EECC team at PIC conducted study of Rapid Decarbonisation Potential Of Pune Metropolitan Region (PMR): Feasibility Report for a Net Carbon Neutral PMR. Throughout this study, PIC collaborated with multiple consultancies and researchers in Pune to provide their valuable analysis i.e. VK:e Environmental (VK:e) & Sustainability Initiatives (SI) team led by Dr. Poorva Keskar, Partner, VK:e, & Trustee, SI (Strategic Head) with her team including Ms. Anagha Paranjape-Purohit, Partner, VK:e & Trustee, SI; Ar. Kanchan Sarbhukan-Sidhaye, Jr. Partner; VK:e; Ms. Shivali Waichal, Program Coordinator, SI; Mr. Gaurav Limaye, Environmental Analyst, VK:e; Ar. Sayali Kulkarni, Energy Analyst, VK:e.

Under the above-mentioned initiative, Team VK:e Environmental & Sustainability Initiatives completed the Technical Carbon footprint Analysis of infrastructure sector of Pune Metropolitan Region. Both organisations have worked responsibly to carry the research study and analysis work.

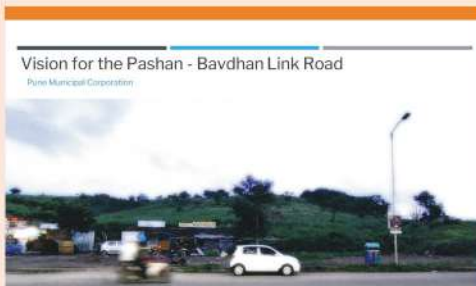


# Sustainability initiatives

## Vision for the Pashan Bavdhan Link Road

Sustainability Initiatives and VK:e environmental proposed ideas for redevelopment of the Pashan Bavdhan Link Road to Pune Municipal Corporation. Onsite observations and research was undertaken by the team to understand the overall behavior of the street, identify the issues and inconveniences faced. The whole road was divided into multiple sections to analyze the character of the street. Further, various street design proposals were given maintaining the character of the street and the usability requirement as per the Urban Street Design Guidelines for Pune.

The new proposals addressed hassle free movement for both vehicles and pedestrian, appropriate spaces for street parking and halt of public transport vehicles which was currently happening haphazardly, increased vegetation, redesigning of the junction spaces, universal accessibility, multi-utility zones for hawkers and other uses. The proposals not only addressed the design but also the services such as storm water management, energy efficiency, safety and productivity, air quality, noise pollution and micro climate. Thus, proposing a holistic approach which can serve as a road map for future proposals.





# Sustainability initiatives

## Sustainability Initiatives launched report 'SI Imprint: Confluence'

Sustainability Initiatives launched our report 'SI Imprint: Confluence', a compilation of the work done by SI in the last 10 years, during the second session of 'Golden Dialogues' organised by VK Group on 11th March 2023. The book was released at the hands of the Chief Guest, Mr Pradeep Bhargava, Chairman, Automotive Stampings and Assemblies Limited, Pune and Former President MCCIA.

The unveiling of 'Confluence' celebrated more than a decade of conscious efforts and endeavors towards building resilient urbanscapes. With an increasing threat to our natural resources and a pressing need to alternative ways of advancing, Ms Apoorva Kulkarni, trustee of SI, vowed to strive to innovate and invent more significant contextual solutions for sustainable development in all sectors of urbanism.



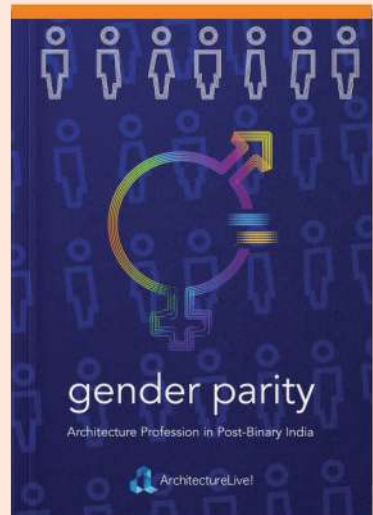
# Sustainability initiatives

## Launched booklet on Gender Parity: Architecture Profession in Post Binary India

Sustainability Initiatives was a partner for the Gender Parity initiative by Architecture Live!. A booklet on Gender Parity: Architecture Profession in Post Binary India was also launched. We received an enthusiastic response from the architecture community of India and, through conversations, discussions, articles and survey findings, managed to take up several issues related to Gender Disparity within the profession.

We also launched a booklet on Gender Parity: Architecture Profession in Post Binary India, at Mattancherry, Kochi, as part of SEEDGEIST, with Launch Partner SEED and Content Partner Leewardists, on April 08 2023.

By delineating the existing gender disparity and promoting inclusivity within the architecture profession, we hope the booklet will inspire architects, educators, policymakers, and students to take bold action to create a more diverse and inclusive profession. It was published in physical and digital formats, taking forward the discourse that started with the Gender Parity survey.





## Capacity Building

Capacity Building through Training and Awareness programmes and dissemination of essential knowledge and skills is a cornerstone towards achieving sustainable development. The Capacity Building Wing of Sustainability Initiatives provides training and guidance to professionals, academicians, decision-makers, and students for effective policy formulation, implementation, and mainstreaming of best practices.

### First Golden Dialogue: Role of Placemaking in Urban Revitalisation

To discuss the changing urban scapes in India and to talk about the current topics in the field of architecture, a series of Golden Dialogues was inaugurated on 14th October by Vishwas Kulkarni, founder, VK:a architecture, on the occasion of VK's Jubilee Year. At this panel discussion, Anirudh Shahapure, knowledge officer of Pune Smart City Corporation said, "While developing new public spaces in the city, a comprehensive approach should be taken. How it will positively affect civic life should be considered. The needs of every city are different, and thus, each city needs to have a different approach to planning and protocols should be curated as per the individual city's requirements. For example, parking spaces should be planned in Pune city now.



# Sustainability initiatives

Architects should come forward with new ideas for it and they should become spokespersons for the overall development process.

Architect Anita Khandekar said, "Citizens of the city should have free spaces to move, communicate, work and relax. The 'placemaking' technique is important in this urban revitalization process. There are many challenges in realising the Pune Smart City concept. Good policies, funding and administrative decisions are essential." Vijay Sane, representing VKU Urban said, "Placemaking techniques should create more public spaces with structural, functional and aesthetic qualities that will enhance the quality of life of people spending their free time in such spaces. These places should be able to touch our hearts and they should be easily accessible for one and all."

He also added that there are many challenges in India and that priority should be given to things that are useful to all. While doing so, the views of all the concerned sectors of people should be taken into consideration and that it should be planned keeping citizens as the main point of focus Rohit Gadia, representing Studio Infill added, "While creating public places, basic life essentials like cleanliness, seating, lighting should be taken care of." Finally, Nakul Rege from Urban Tree said, "Ingenuity should be practiced while giving a new look to public spaces. For any city, conservation of public spaces and its famous sites contributes to the progress of the city". The anchoring at this insightful discussion panel was done by Priya Gokhale from Wide Angle Forum, the honorable speakers were welcomed by Ar Dwaipayan Chakravarty, while the introductions were done by Dr. Poorva Keskar.



# Sustainability initiatives

## Golden Jumpstart Mentorship Program

A week long mentorship program for 30 selected architecture students and recent architecture graduates was conducted from 12th – 17th December 2022. The main intention behind this program was to educate them about the practical aspects of architectural practice, a kind of finishing school which acts like a bridge which connects academics and business.

5 sessions – 2 hours daily – were conducted by experts from VK Group who have been working for more than 20 years in this sector.

The first session of "Golden Jump-start: Mentorship Program" was conducted on 12th December 2022, facilitated by Ms. Apoorva Kulkarni, the Director of Operations, VK Group. It was the beginning of a 6-part session organised as part of the Golden Jubilee celebrations of the architectural firm, in collaboration with SETU. The mentorship is a one-of its kind finishing school for the final year students and young architects. 30 selected participants have the unique opportunity to interact with architects in the field to understand the various practical aspects of setting up and managing a successful architectural design firm. Through her talk on 'Building your Architectural Practice', Ms. Apoorva set the scene for the coming days. With an experience of more than 15 years in public relations, marketing and operations, she started with the importance of having a well laid-out business plan and understanding of legalities involved, for creating a solid foundation when starting out one's own practice. She stressed on the need for architectural collaborations, networking and maintaining good business relationships through refined soft skills to make good use of the existing resources.

The second session of "Golden Jump-start: Mentorship Program" on 13th December 2022, was opened by Ar. Dwaipayan Chakravarty, Junior Partner at VK:a architecture. Ar. Hrishikesh Kulkarni - architect and partner at VK:a, and founder and partner at VK:e, VK:i and VK: u – delved into the aspects of 'Design management and Financial Management'. His proficiency in the field with two decades of practice in multiple countries is evident in his opening statement, "Design can be endless if not consciously concluded", which is why design management is necessary. He put forth some aspects that need to be kept in mind for the smooth delivery of a project on time: clear discussions with the client about the design requirements, working on the area statements and an updated awareness of the required approvals and sanctions necessary for the type of project. Another important role that the architect often have to take up is that of a coordinator – amongst structural engineers, landscape and interior architects, MEP, contractors and inspectors.

Mr. Hrishikesh stressed on the need to listen to expert advice and take collective responsibility for design decisions. Though multiple case-studies, he explained how the design is a cyclic, iterative process and changes are a part of it. It is imperative to choose to make the pragmatic alterations and keep a systematic documentation of the same. With the example of VK Group, he demonstrated how one of the best solutions to a smooth functioning office is to have a centralized, common filing system, which can be easily accessed by all. Last but not least, he reminded the participants that efficient design management can lead to financial management as well. The session ended with thought-provoking questions on the profession and profitability

# Sustainability initiatives



The speaker for the third session of “Golden Jump-start: Mentorship Program” held on 13th December 2022, Ar. Dwaipayan Chakravarty, was introduced by Dr. Poorv Keskar, Director of VK:e environmental. Ar. Dwaipayan, junior Partner at VK:a architecture, had an engaging conversation about the various aspects that go into “Managing your Project”. The first step towards the efficient delivery of any project is understanding its scale, typology and scope. It is equally important to understand the type of client and communicate the action plan and deliverables to ensure everyone is on the same page. How to quote and how much to negotiate is one of the biggest questions that any young architect starting off with their practice has.

By elaborating on the methods of quotation – namely, by rate per area, by percentage of total cost or by lumpsum – and the methods of payment – stagewise, engagement model or hybrid – he clarified this for the participants. Examples of project proposals actually prepared by the firm gave the participants an idea about inclusions and exclusions that need to be looked into in the process. “It’s OK to make mistakes, and we will, as humans” Ar. Dwaipayan concluded, but clarity and communication reduces their occurrences and allows architects to accept, apologise and make sure we learn from them. Clearly proposals can reduce their burden on architects as well. Ar. Vishwas Kulkarni also added his thoughts on the overall ethics and practices of good business.



# Sustainability initiatives

The fourth session of "Golden Jump-start: Mentorship Program" held on 15th December 2022 was conducted by Ar Hrishikesh Kulkarni, Architect and Partner at VK:A architecture, and Mr. Girish Kale, Head of Liaisoning. They simplified the process of sanctioning of drawings. Speaking from the experience of more than 1000 completed project, they explained the list of documents and formats required for issuing demarcation, new construction, plinth checking, sit elevation, completion and occupation certificates, with examples. Ar. Hrishikesh stressed on the need for environment clearance to commence any kind of construction on site, given by an Environmental Impact Assessment committee (EIA) consisting of experts in the field. The adherence to rules and regulations according to zoning in the development plans issued by the authorities also determine the receiving of sanctions. The completion certificate would be given only after satisfactory checking by the Maharashtra Pollution Control Board as well. The policies and regulations would differ according to the governing body and typology of the project. An interactive session of question answers cleared the multitude of doubts raised by the participants on development rights, FSI, land acquisition act and other related topics. Ar. Hrishikesh reminded the young architects that though these processes are usually done by liaisoning consultants, the architects have to often approve these documents so should be aware of the processes.

Ar Hrishikesh Kulkarni, Architect and Partner at VK:A architecture introduced the speakers for the fifth session of "Golden Jump-start: Mentorship Program" held on 16th December 2022. The first speaker, Dr. Poorva Keskar, Partner and Director at VK:e environmental, talked about how Green Building Ratings are a futuristic approach for sustainable development. She showed through the nested sustainability model that a healthy economy cannot be achieved without a healthy ecology and environment. The development of technology has affected the way we build. That is where the role of the architect becomes important – the integration of sustainable methods in design can last for 50 -75 years. Dr. Poorva elaborated on how green building rating parameters help in quantifying the tangible and intangible benefits of these measures.





# Sustainability initiatives

Ar. Anagha Paranjpe-Purohit, also a Partner at VK:e, helped the participants get a clearer idea about Environmental Impact Assessment (EIA) and Environment Clearance (EC). With examples, she listed the documents required and mandates to be followed to ensure clearance and eventually make your building more sustainable. She stressed that a well-designed open space and services are what ensures a healthy living space, resulting in happier inhabitants. Ar. Hrishikesh Kulkarni and Ar. Bhairumal Sutar, co-founders of CuMiLab, arose the participants' curiosity through a glimpse of the innovative research and experimentation done by the Curious Minds Laboratory. The last session tomorrow will be an opportunity for the participants to interact with a few more architects running successful practices around the city. The final session was an interactive session with Pune based stalwarts from the architectural practice Ar. Vikas Achalkar (Founder, Principal Architect at A&T Consultants) and Ar. Suresh Agrawal (Founder Director of Sankalp Designers) where students asked various questions regarding their practice, working styles, approaches towards their projects, business development etc. and they both through their experienced shared very valuable insights with the participants. The discussion was moderated by Ar. Hrishikesh Kulkarni. The experts emphasized "The 5 years of education by architect students is a prerequisite for the career, it is just a preparatory ground for the actual practice. After that, there is an opportunity to learn and progress through actual work. A lot of construction means a lot of profit is not the equation in this field, but the client has to work to understand the construction environment. Counseling of clients is also part of the job. Architect students should be prepared for long-term contribution, not constantly changing jobs. Remember that as the organization grows, so do we"

# Sustainability initiatives

## IGBC Pune and CREDAI conducted a brainstorming session to help make Pune a Sustainable and Green City

IGBC Pune and CREDAI conducted a brainstorming session to help make Pune a Sustainable and Green City. They have decided to work together to create a core committee to come up with ideas, initiatives, and activities that can be implemented for sustainable development in the city as they envision a greener future for Pune. These ideas can further function as guidelines for a green city tool kit in conjunction with PMC. The session focused on what going green can do for industries & organizations and the success stories of addressing long-term global environmental issues through sustainable development.

Our Trustee, Dr Poorva Keskar presented the part about Green Initiatives. Mr Satish Magar, MD Magarpatta Township, Mr Pradeep Bhargava, Chairman, Greenco Council, CII, Mr JP Shroff, Chairman IGBC Pune, Dr Poorva Keskar, Co-Chair IGBC Pune and Mr Mangesh Dighe, Environment Officer, PMC Pune were the dignitaries present for the session. Mr Amol Umbarje was present on the behalf of Sustainability Initiatives, Pune.



# Sustainability initiatives

## SI Website launched and “Manthan” by VK Group

We had our most awaited website launch at our Manthan event! We were honoured to have renowned architect of India, Mr. Christopher Benninger as our chief guest. Along with him, we had Mr. Ramprasad Akkiseti, MD, CCBA Designs to grace our celebratory occasion.

'Manthan' is a knowledge sharing activity of VK Group which help everyone understand the innovative projects and enriching experiences of our colleagues from different teams. It was an insightful event where our valued members Ar. Dwaipayan Chakravarty, Jr Partner VK:a architecture, Ar. Kanchan Sidhaye, Associate, VK:e environmental, Mr. Deepak Manjani, Associate, VK:i interiors, and Ar. Ninad Katdare Urban Designer, VK:u urban, talked about the work done by SI and VK group, and highlighted the need of sustainable architectural practices.

We would also like to thank the following valued members for their inspiring talks and for their event management work: Ar. Vishwas Kulkarni, Ar. Poorva Keskar, Ar Hrishikesh Kulkarni, Ar. Anagha Paranjape Purohit, Ms. Deepa Bokil, Mr Amol Umbarje, Ms. Shivali Waichal.





# Sustainability initiatives

## 'Green Conclave' on the topic, 'Sustainability in High Rise'

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) Pune chapter organised a 'Green Conclave' on the topic, 'Sustainability in High Rise' in association with Sustainability Initiatives and other organisations, on the Suzlon One Earth Campus in Hadapsar on Saturday. Brainstorming sessions were held on decarbonisation air quality, health, productivity and sustainability, climate impact, ventilation, COP 27 Insights and G20 approach, green buildings a support to sustainable high rise, issues and resolutions - services in high rise and powering a sustainable India with green finance. The event was inaugurated by Prashant Girbane, Director General, MCCIA.

Five Element awards were given at the hands of Prof Christopher S Charles Benninger (Principal, CCBA), He is also the designer of the Suzlon One Earth venue along with ISHRAE National President N S Chandrashekhar. "Earth, Water, Fire, Space, Wind and other Awards related to sustainability were given to Ar. Vishwas Kulkarni, Anand Chordia, Subhash Deshpande, Pankaj Dharkar, NS Chandrasekar, Pradeep Bhargava, Chetan Solanki and Sheetal Bhilkar.

Mr Amol Umbarje, Mr Virendra Borade, Ms Anshul Gujrathi, Mr Chetan Thakur, Mr. Bhushan Bhalerao, Ms Simple Jain, Ms Sujal Shah were the dignitaries and members present for the conclave.



# Sustainability initiatives

## Second Golden Dialogues: 'Climate Action for Sustainability'

The second session was on the topic 'Climate Action for Sustainability'. The panelists consisted of stalwarts in the climate action plans and policies: Guest of Honour , Prof. Amitav Mallik, Head of EECC and Founder Trustee of Pune International Center; Dr. Sunita Purushottam, Head of Sustainability at Mahindra Lifespace Developers Ltd.; and Mr Abhishek Rajurkar, Asst. VP at National Commodity and Derivatives Exchange Ltd., moderated by Dr. Anagha Purohit, Partner at VK:e environmental.

Dr. Poorva Keskar, partner at VK:e, opened the session reminding the listeners of the adverse effects of climate change experienced on a daily basis, including floods, droughts and unpredictable weather. While cities occupy only 2% of the earth's surface, they consume almost 78% of the world's energy and produce almost 60% of the world's GAG emissions. As a pioneer in bringing the issue of environmental protection into the forefront of National Security, Prof. Amitav Mallik has developed a vision for carbon-neutral PMR and convenes the Climate Collective at Pune. His talk centered around reimagining climate secure cityscapes. Dr. Sunita elaborated about her experience at the COP27 and India's stand on the climate action policies. Rather than focusing only on 'net-zero' concepts, she stressed on the need to 'reduce' the use of resources and energy on an individual level and for the people to demand for environmentally responsible products.

A financier in the construction sector, Mr Abhishek Rajurkar gave an insight about the carbon market, where carbon credits are traded as a commodity and the impact it can have on the global carbon emissions. In collaboration with VK Group, SI also conducted a competition to increase awareness about climate change and to recognize individual efforts taken towards combating it. More than 150 people including student, faculty, employees and common citizens took part, out of which 5 Climate Champions were awarded certificates for their exceptional steps taken to reduce their personal carbon emissions.





# Sustainability initiatives

## Third Golden Dialogues: 'Architectural Design Competitions - Pushing the Edge in Architecture Profession'

The third session of Golden Dialogues was held on the topic 'Architectural Design Competitions - Pushing the Edge in Architecture Profession'. Organised by Sustainability Initiatives (SI), NGO Founded by VK Group, this thought provoking discussion was held at Sumant Moolgaokar Auditorium, MCCIA Trade Tower, Senapati Bapat Road, Pune, on 23rd June 2023 in between 5pm to 7pm. Winners of various national and international competition - Sunil Patil (Director, Sunil Patil and associates), Kalpak Bhandari (Director, Veekas Studio) and Vijay Sane (Partner, VK:u urban) - were the panelists and Moderated by Ar Hrishikesh Kulkarni . Through the presentation of some of their competition winning works, they shared their experiences and thoughts and Ms Apoorva Kulkarni explained details about Golden Dialogues.

Kalpak Bhandari presented the design of Iconic Satara, a project under construction as the Administrative Office Building for the Satara Municipal Council. Sunil Patil elaborated the process of design, implementation and post-occupancy challenges for their design of their celebrated project, Pune Collector Office. While both the guests spoke about competition projects whose objective was to be built, Vijay Sane elaborated an example of Ideas Competitions. Through a detailed explanation of the design journey of the Intermodal Station at Katra, Vijay brought out how the ideas were assimilated.

The session ended with a Q&A with the panelists. Architects, students and various stakeholders related to topic participated in this discussion. The event was honored by a video message by Atul Chavan, Chief Engineer of Public Works Department(PWD).



# Sustainability initiatives

## Fourth Golden Dialogues: 'Generative Design and Artificial Intelligence (AI) in Architectural Practice'

The fourth session of Golden Dialogues was organised by Sustainability Initiatives as a Panel Discussion on 'Generative Design and Artificial Intelligence (AI) in Architectural Practice', on September 15 at Navalmal Firodia Auditorium, Bhandarkar Oriental Research Institute, Law College Road, Pune. Architect Krishna Moorthy (Mumbai), Architect Aditya Chandra (Mumbai), Architect Bhairumal Sutar (Pune) were the experts on the panel.

Aditya Chandra, chief architect and partner at Chandrashekar Architects, Mumbai, talked about the various design applications based on Artificial Intelligence that architects can use to work better. He stressed on the need to catch up with AI in this early stages itself as they could soon replace much of the work we do today. While Krishna Murthy, principal architect at Folds Design Studio, does not believe that AI is going to cause massive unemployment, he said that "architects should not be ashamed of doing on-site labour themselves." Bhairumal Sutar, founder of CuMiLab, Pune explained how parametric architecture and generative AI can be implemented with careful curation, through real-life examples. A large number of practicing architects and students attended the discussion.

All panelists felicitated by Architect Vishwas Kulkarni. Architect Hrishikesh Kulkarni moderated the panel discussion and also introduced about Golden Dialogues and Dr. Poorva Keskar gave vote of thanks for the program. Mr Amol Umbarje coordinated this session and Master of ceremony has done by Ar Priyal Deshpande. This dialogue was organised in collaboration with AESA and VK Group.





# Sustainability initiatives

## Seminar on Earthquake Safety

On the occasion of National Safety Week, SI organised an awareness seminar on Earthquake Safety for VK Group employees on 16th March, in association with Walter P Moore Leading diagnostics engineering division. This hour-long in-person seminar aimed to spread awareness about safety tips before, during and after an earthquake.

Ashish Sapre, a senior associate at Diagnostic services started the session by busting some common myths about earthquake. Contrary to what many people believe, earthquakes cannot be accurately predicted. We have no control over the intensity or place where it would be affected so one should be always prepared to reduce our vulnerability to the hazard. Using clips of live reactions of people during earthquakes in different scenarios, he explained how an actual earthquake feels like and what one should and shouldn't do in that situation.

He also advised to have a survival kit ready at all times and shared some simple tips to earthquake-proof one's home to reduce the damages. By educating common people about how to respond in an earthquake, with little effort one can prepare themselves and their family to reduce chances of injury and improve the capacity of survival.



# Sustainability initiatives

## Golden Connect

6th May 2023, VK Group held the Golden Connect, a celebration of the trusted consultants who have contributed to our 50 years of successful architectural practice. Dr. Poorva Kesar, Partner at VK:e, introduced the agenda for the day. The evening opened with a touching video of the people that make the organization, sharing their fond memories and common love for the founder Vishwas Kulkarni and the firm. The occasion was made more special with the launch of Unbuilt.01, a book containing some of VK:a's design queries and interesting architectural ideas that remained unrealized.

We hope this inaugural book will be the first of many. The special guest Mr. Abhishek Gupta from CRE Matrix mesmerized the crowd with data analytics around real-estate patterns, sales etc. that developers can use to understand where to start that next affordable housing project, what's the best use of their land parcel, when to launch their project etc. The event was honored by a video message by the President of CoA, Ar. Abhay PurohitA, who congratulated VK:a on this momentous occasion. '

The chief guest Mr. V Suresh, felicitated the man of the hour, Ar. Vishwas Kulkarni on completing 50 years in the profession. Mr. V Suresh, Chairman of NBC and ex-chairman of HUDCO, stole the show with his energetic key note speech that elaborated on the building code and reminded the need to build sustainably. As a sister concern of VK, Sustainability Initiatives also joined in the celebrations, completing 10 years since its inception. Ms. Apoorva Kulkarni, Head of VK:o operations, introduced SI and urged all present to join hands for upcoming outreach programs and research. SI is proud to be a part of such a distinguished organization and looks forwards to contribute to building better.





## Advocacy and Outreach

Advocacy is one of the pillars of Sustainability Initiatives. The efforts under the Advocacy and Outreach wing aim to address gaps within the current and future policies of the government. One of the prime objectives of Sustainability Initiatives is to guide governmental and semi-governmental departments in policymaking through expert-driven research and analysis.

### Sustainability Initiatives donated of E-waste

#1

Sustainability Initiatives donated of E-waste collected from its own staff and the offices of VK group to Poornam EcoVision Foundation which is authorized organisation for E waste collection. Poornam is working extensively in collection of E-waste, plastic waste and toys from residential colonies and institutions in and around Pune. Reusable electronic goods are used for betterment of people being served in different organizations in and around Pune. Remaining E-waste & plastic waste is channelized to authorized recyclers / reproprocessors for safe disposal.





# Sustainability initiatives

## Site visit for solid waste management system of Life Republic Integrated Township

SI organised a site visit for solid waste management system of Life Republic Integrated Township at Hinjewadi.

Following Members of SI visited and gather info for learning purpose on actual practice at site regarding solid waste handling, management, treatment & disposal.

- 1.Kanchan Sidhaye
- 2.Amol Umbarje
- 3.Rohit Nayar
- 4.Amrपाली Talbhandare
- 5.Akila Rajaselvan
- 6.Sneha Vikhe

Technical persons Mr. Mahesh Gondhale & Mr. Avinash gave information on the following things as follows :

Door step collection of Solid waste ,Transportation from collection point to SWP site, Primary & Secondary Segregation, Wet Waste Processing & treatment in OWC ,Management of end product of Compost & Infrastructure requirement for planning of the SWP.



## Site visit for solid waste management system of Blue Ridge Township

SI organised a site visit for solid waste management system of Blue Ridge Township at Hinjewadi

Following Associate Members of SI visited and gather information for learning purpose on actual practice at site regarding solid waste handling, management, treatment & disposal.

- 1.Ms. Kanchan Sidhaye
- 2.Mr. Amol Umbarje
- 3.Mr. Rohit Nayar
- 4.Ms. Preeti Nanal
- 5.Ms. Dharti Pathak
6. Ms. Amrapali Talbhandare

Mr. Abhijit Datar, Director of G D Environmental Pvt. Ltd. gave information on the following things as follows :

Solid waste ,Transportation from collection point to SWP site, its Segregation

Dry & Wet waste disposal through gasifier, rotary machine & coconut shredder & making fuel palletes and ash as end product out of it.

Overall, it was a great learning experience of different technology of waste management





# Sustainability initiatives

## Celebrated World Environment Day 2022

On the occasion of World Environment Day 2022, Sustainability Initiatives hosted a creative event. An upcycling competition was organised for VK Group where the participants were asked to create functional and durable products from the things they no longer need at office or home.

Upcycling is defined as "The act of taking something no longer in use and giving it a second life and new function. In doing so, the finished product often becomes more practical, valuable and beautiful than what it previously was."

The entire staff of VK group participated in the event! The idea behind it was to promote hands-on repurposing practices. We got to see some brilliant ideas put in form and function and we were delighted with the enthusiasm shown by the staff! Around 250 employees were grouped into 25 teams who made some amazing products through waste;

Footrest and stools from emptied paper rolls, a hanger from antennae, soaps and scrub from coffee ground, pen stands from obsolete visiting cards, paper weights from rough papers, hair bands from masks, organisers from mango crates etc. to name a few These products were exhibited in the office studio for 2 days. In spite of working hard throughout the week, all the employees managed to give their precious weekend for this activity!

Veteran Ajay Phatak along with Poorva Pandit, owner of Trunk - evoking nostalgia were the honorable judges of the event. In his speech, Ajay Phatak reflected on the value of reducing and repurposing, stressing on the fact that we have to listen to our needs than our greeds and explained how Upcycling benefits the environment by reducing the pollutants of air, land and water in the processing of new goods – as well as preventing additional natural resources from being used and hence reduces the amount of excess waste which would otherwise end up in landfills.





# Sustainability initiatives

## Tree Plantation drive at Mhatoba Tekdi, Kothrud, Pune.

#1

A tree plantation drive was organised by Forest Department in association with Sustainability Initiatives and VK Group on 30th July 2022 where 86 volunteers from different organizations participated and planted 161 trees on Mhatoba Tekdi, Pune. This plantation drive was a successful event which involved people from different age groups, along with grownups there were tiny volunteers too! Their tiny efforts will go a long way we feel. When it comes to plantation drives, it's important to keep in mind that native plants are planted and it's equally important is the handholding where they should be maintained until they can survive on their own. We also plan to take the follow-up on the growth of these plants with Forest Department.



# Sustainability initiatives

**" Golden Book Collection "** of 50 books on occasion of VK:a architecture entering into the 50th year.

VK Group (Sustainability Initiatives is a part of VK Group) organised a Golden Book Collection of 50 books on occasion of VK:a architecture entering into the 50th year. Books are not only related to Architecture but also Environmental, Interiors, Urban Planning- Infrastructure, Engineering, Landscape, Skill management, Self -Development, etc.

On this occasion, a special LOGO for the Golden Year was designed and was inaugurated by Ar. Hrishikesh Kulkarni.





# Sustainability initiatives

## Sustainability Initiatives donated E-waste \_August 2022

#2

With great offices comes great responsibility! At Sustainability Initiatives office, we tend to generate a sufficient amount of e-waste owing to the devices and gadgets we require in our office. We ensure the timely repair of electronic devices to increase their usability life. However, once they completely run out of function, we discard them and donate them as e-waste (i.e. LCD screens / TVs, keyboards, mouse, adapters, power cables, CPUs, telephones, graphic cards, ram etc) to get it recycled.

This is the 2nd drive of the year 2022, where we donated 54 kg of e-waste to Poornam Eco-vision Foundation which is an authorised e-waste collection organization. Poornam Eco-vision Foundation is working extensively in collection of E-waste, plastic waste and plastic toys from residential colonies and institutions in and around Pune for years. They assess and separate the e-waste's working parts and put them back in use. The remaining scrap is sent to authorised recyclers and re-processors for metal extraction.



## Green Building visits for Architecture students of PVP College of Architecture, Pune

Sustainability Initiatives had arranged a Green Building Site visit for architecture students of PVP College of Architecture, Pune and architecture interns of VK group. Students visited 2 platinum rated green buildings with different typologies i.e. one commercial building - Amar Sadanand Tech Park (ASTP) Baner and one residential building Surhud Society Erandwane on 13th August 2022. Mr. Gaurav Patil - Project Manager at Amar Builders and Mr. Ganesh Jadhav - Partner at Gangotree Homes were the experts representing these two buildings respectively.

During the visit students were explained the sustainable architecture principles on which the building is built by the architect. Different green initiatives like environmental services installed for the project, like organic waste converter, renewable energy systems, rainwater harvesting techniques and energy and water monitoring systems that are integrated in green building projects were shown and explained by the experts.



# Sustainability initiatives



## Green Building visit for Architecture Students of Bharatiya Kala Prasarini Sabha's College of Architecture, Pune

Sustainability Initiatives had arranged a Green Building Site visit for architecture students of Bharatiya Kala Prasarini Sabha's College of Architecture, Pune. Students visited one residential building Joyville Hinjewadi on 7th September 2022.

During the visit students were explained the sustainable architecture principles on which the building is built by the architect. Different green initiatives like environmental services installed for the project, like organic waste converter, renewable energy systems, rainwater harvesting techniques and energy and water monitoring systems that are integrated in green building project was shown and explained by the experts.



# Sustainability initiatives

## Reducing Carbon Footprint @ VK Group

At SI, we keep coming up with exciting activities to keep our staff engaged in making some planet-friendly decisions on the occasion of World Green Building Week!

On 16th Sept, Friday we hosted a reduce your transmissions day, wherein no was allowed to commute alone to the office! They had varied options like car pooling, bike-pooling, sharing an auto, walking, riding a bicycle to office and so on! There was a prize for the team with maximum CO2 Reduction! We were delighted to see lot of happy faces commuting to the office in the morning that day! This activity didn't just reduce their carbon footprint, but also gave them a chance to catch up with each other and maybe have the option of commuting together in near future open!



## E Waste Donation Drive

#3

At Sustainability Initiatives (VK Group) office, we tend to generate a sufficient amount of e-waste owing to the devices and gadgets we require in our office. We ensure the timely repair of electronic devices to increase their usability life. However, once they completely run out of function, we discard them and donate them as e-waste (i.e. LCD screens / TVs, keyboards, mouse, adapters, power cables, CPUs, telephones, graphic cards, ram etc) to get it recycled. This is the 1st drive of the year 2023, where we donated around 176 kg of e-waste to Lions International's World's Largest E Waste Drive through Lions Club of Pune.





# Sustainability initiatives

## "Earth Hour" Initiatives by VK Group

At SI, we practice Earth Hours, wherein we switch off our office's lights, AC, fans, coffee machines and printers. Computers and servers are kept running as that's essential for our line of work. You can observe the savings that a mere hour can achieve with respect to energy and money. In past year, we shifted our office and moved into a bigger space. Bigger space equals to additional savings as seen in the below table. We encourage citizens to practice Earth Hours at your homes and offices.

Collective efforts can make significant differences. Since 2017, the Sustainability Initiative has been running an Earth Hour initiative, in which the electricity is switched off for one hour on one Friday of every month.

The total reduction in carbon emissions from April 2017 to December 2023 is 514.22 kg CO<sub>2</sub> e, and from January 2022 to December 2023 is 340.4 kg CO<sub>2</sub> e. The increase in savings of carbon emissions, along with an increase in electricity consumption in 2023 is due to the increase in VK Group's workforce and workspace.

Our total reduction in carbon emissions i.e., 514.22 kg CO<sub>2</sub> e achieved through our initiative, is equivalent to the emissions released during the combustion of 193 liters of diesel (or other equivalents like combustion of 260 kg of unleaded petrol or use of 400gm of R134A Refrigerant Gas or use of 1330000 liter of drinking water).

This small initiative has helped VK Group to reduce its carbon footprint from electricity consumption. As observed, even a small step such as switching off the power for an hour can contribute in reducing the carbon emission by power consumption which is a major contributor of India's carbon footprint.

S. No	YEAR	SAVING THE ELECTRICITY CONSUMPTION (KWH)	SAVING THE ELECTRICITY CONSUMPTION (MWH)	KgCO <sub>2</sub>
1	April 17- March 18	61	0.061	50.02
2	April 18- March 19	62	0.062	50.84
3	April 19- March 20	60	0.060	49.2
4	Nov 21- Dec 21	29	0.029	23.78
5	Jan 22- Dec 22	235	0.235	192.7
6	Jan 23- Dec 23	208	0.208	147.7
7	<b>TOTAL</b>	<b>655</b>	<b>0.655</b>	<b>514.22</b>



# Sustainability initiatives

Table below showing equivalent emissions from respective material by use or combustion.

TYPE	QUANTITY	UNIT	KgCO <sub>2</sub>
Diesel	192	Litre	514.05
Drinking Water	1330000	Kg	513.92
Refrigerant Gas R134A	400	Gm	520.00
Petrol (Unleaded)	260	Kg	514.80

The total energy saving of 0.655 MWh of units resulted in Rs9497.5 of total cost savings till December 2023.



# Sustainability initiatives

## Celebrated World Environment Day 2023

On the occasion of World Environment Day 2023, Sustainability Initiatives hosted a creative event. An upcycling competition was organised for VK Group where the participants were asked to create functional and durable products from the things they no longer need at office or home.

Upcycling is defined as "The act of taking something no longer in use and giving it a second life and new function. In doing so, the finished product often becomes more practical, valuable and beautiful than what it previously was."

The entire staff of VK group participated in the event! The idea behind it was to promote hands-on repurposing practices. We got to see some brilliant ideas put in form and function and we were delighted with the enthusiasm shown by the staff! Around 300 employees were grouped into 28 teams who made some amazing products through waste; Plastics, Footrest and stools from emptied paper rolls, a hanger from antennae, pen stands from obsolete visiting cards, paper weights from rough papers, mobile stands, Wall clocks, light lamps, rain cots, dustbins, pipe flute, organisers from mango crates etc. to name a few. . These products were exhibited in the office studio for 2 days. In spite of working hard throughout the week, all the employees managed to give their precious weekend for this activity!

Founder of VK Group, Ar Vishwas Kulkarni was visited to the exhibition. Dr Shruti Nigudkar Head of School, School of Fine Arts, MIT and Ar Manali Deshmukh, Vice Principal, SMEF's Brick School of Architecture were the honorable judges of the event. Ms Deepa Bokil, Ar Kanchan Sidhaye and Mr Amol Umbarje were present.

### Winners of the competition

**1st - Team B - BIN MAGICIANS**

**2nd - Team CuMi Lab - Xeriscapers and C - COSMIC COMRADES**

**3rd - Team Z - ZERO WASTE**

**Special Mention- Team G - Greenenviro and R - Resilient Recyclers**





# Sustainability initiatives

## World Environment Day and World Bicycle Day celebrated under ISHRAE Pune chapter in association with Sustainability Initiatives (SI)

World Environment Day and World Bicycle Day were both celebrated on 4th June 2023 under ISHRAE Pune chapter in association with Sustainability Initiatives (SI), World on Wheels , FSAI, SI, RATA and other Organizations by the citizens of the city to spread awareness about Environment Protection and pollution free India. The cycle rally was organised for 15 Kms that covered a major part of Pune City. World Fastest Cyclist and Guinness Record Holder Preeti Mhaske was the Brand Ambassador for this cycle rally. Dr Mallinaath Kalashetti- Senior IAS officer, Dy. Director General of YASHADA & Mr Sachin Ithape Dy. Commissioner of Pune Municipal Corporation were the Chief Guests and Dr. Surendra Patil founder of Polaris Hospital was Distinguished Guest. Vimal Chavda President RATA Pune, Nitin Joshi President FSAI Pune, Virendra Borade ISHRAE and Amol Umbarje from SI and various cyclist groups participated in this cycle rally. Sustainability Initiatives is proud to have been a supporting organisation for the event.





# Sustainability initiatives

## 'Majhi Vasundhara 3.0' initiative

The Pune Municipal Corporation (PMC) has taken third place in the 'Majhi Vasundhara 3.0' initiative, a state-level competition organised by the Environment and Climate Change Department of the Government of Maharashtra for environmental awareness. Sustainability Initiatives has also conducted some activities under the Majhi Vasundhara initiatives with PMC.



## Tree Plantation drive at Warje Tekdi, Warje, Pune

#2

A tree plantation drive was organised by Forest Department in association with Sustainability Initiatives and VK Group on 26th August 2023 where SI volunteers participated and planted around 60 trees on Warje Tekdi, Pune. We also plan to take the follow-up on the growth of these plants with Forest Department.



# Sustainability initiatives

## Sustainability Initiatives organised a green building visit to Amar Tech Centre for the students of BKPS College of Architecture, Pune on the occasion of World Green Building Week.

Sustainability Initiatives organised a green building visit to Amar Tech Centre Viman Nagar Pune for the students of BKPS College of Architecture, Pune on the occasion of World Green Building Week. The project Amar Tech Centre, Viman Nagar is one of the highest rated green projects in the city by IGBC, which has received the Platinum certification. It has been constructed by Amar Builders and green certified by VK:e environmental.

The students were given a tour of the building by the consulting expert. The visit explained the sustainable architecture principles on which the building is designed and green features implemented to achieve the target rating. i.e , landscape design, rain water harvesting, energy efficient lighting, water efficient fixtures, installation of STP and OWC.

SI would like to thank Mr. Hrishikesh Manjrekar, Executive Director- Amar Builders for permitting us to organise this visit and for the arrangements made for the students. We would also like to thank Mr. Gaurao Patil from Amar Builders for assisting us throughout the visit. The session was conducted by Ar. Tanaya Patil from VK:e environmental in the presence of Mr. Amol Umbarje from Sustainability Initiatives. Around 40 students from BKPS College of Architecture attended the visit.





## Community Contributions

Grassroots level development is crucial in paving the way for resilient cities. While we work extensively in city-level development, we take active efforts towards community and neighbourhood level initiatives. Under this wing, we host social events and activities in association with various local organizations to positively impact communities through participatory and democratic processes.

### Blood Donation Drive by VK Group

As an initiative for the 50th year of VK:a, VK Group had arranged a blood donation drive in association with Deenanath Mangeshkar Blood Center under Raktdan Amrut Mahotsav which is initiated by Ministry of Health and Family Welfare, Govt of India. 62 blood donations have been completed until now! Total 80-85 people had approached and 62 from those were found fit to donate. Drive was completed in 3 hours.





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+91-22-6625 0222 Email: [red@businessability-initiatives.org](mailto:red@businessability-initiatives.org) [www.sustainability-initiatives.org](http://www.sustainability-initiatives.org)

# Sustainability initiatives

## Sustainability Initiatives donated 2 set of Pratham Books to Mensa

Sustainability Initiatives donated 2 Pratham book sets to Mensa for Tribal Mensa Nurturing Program's satellite centers for underprivileged gifted and kids in rural areas of Maharashtra. The collection of books will be useful to all such students and the students will also get benefited after reading these books.



## Promise Card in VK Group

The team of SI and Vke along with VK group signed up a Promise Card wherein they pledged to take environment -friendly decisions in their lives. They promised that they will always segregate their waste, that they will plant and maintain atleast one tree every year, that they will save electricity by putting off un-used lights and gadgets and that they will always try to carry a cloth bag and a handler with them in order to avoid the usage of single-use plastic bags and paper tissues. Their commitment is commendable and we are proud of our team.



# Sustainability initiatives

## Green Promise Note Initiative @ CREDAI Exhibition along with IGBC

Green Promise Note Initiative done by VK:e environmental and Sustainability Initiatives in association with IGBC Pune chapter at Pune CREDAI Mega Property Exhibition. The joint activities conducted by SI and IGBC Pune Chapter are also showcased at the exhibition.





Supported by IGBC Pune Chapter

**WORLD GREEN BUILDING WEEK 2022**  
**Pledge**

I, as a conscious citizen take a pledge that I will inculcate following habits to become a part of my lifestyle.

I WILL,

1. Segregate my waste
2. Plant and maintain at least one tree per year
3. Consciously put off lights before leaving the room
4. Always carry a cloth bag and a handkerchief



Join us: #BuildingtoCool  
#WGBW22

**SAVING FOR EVERYONE**





# Sustainability initiatives

## Sustainability Initiatives along with VK Group organised an Old Clothes Collection Drive

150 million tons of clothing waste will clog landfills by 2050. The fashion industry is responsible for 10% of global emissions. 9 billion pieces of clothing are left idle in our closets. Don't let yours become part of the landfills. When many of us come together, even a small contribution can make a big difference.

Sustainability Initiatives along with VK Group organised an Old Clothes Collection Drive.

The collected items were donated to Samajbandh, an NGO based in Pune working in various tribal and rural areas of Maharashtra. Reusable clothes will be given to the needy tribal people. Other fabrics will be processed to be made into "Asha Cloth (Sanitary) Pads" which will be distributed to women in tribal areas. (Raigad and Gadchiroli districts).



# Sustainability initiatives

## International Yoga Day

150 million tons of clothing waste will clog landfills by 2050. The fashion industry is On the occasion of International Yoga Day, SI had organised a stress busting session for the employees of VK group on the topic Pranayam and sitting positions.

Working at a corporate organisation, we tend to sit at one place for hours together which has a bad effect on the body posture and causes long term joint and muscle pain. Hence, SI took initiative to organise this session.

The speaker for this session was Mrs. Anushta Jadhav, a yoga practitioner at Shvaas Pranayam Class, who enlightened the employees on the various problems caused by improper sitting, standing and sleeping positions that we have been following since a long time. She also made us do different but simple exercises that we can follow while working or while doing our day-to-day chores. Around 300 employees attended this session. It was a fun yet informative session.





# Sustainability initiatives

## Green Month initiative under Hope School Program at Jilha Parishad Primary School in Bhoirwadi, Pune in association with capitalland

SI and VK:e environmental had a wonderful opportunity to partner with CapitalLand Hope Foundation for their Green Month initiative under Hope School Program at Jilha Parishad Primary School in Bhoirwadi, Pune on 30th June 2023. The initiative was aimed at spreading awareness about global warming, climate change, and the importance of resource conservation, coinciding with Environmental Day 2023.

Kanchan Sidhaye, Amol Umbarje, Rutugandha Parasnis and Poorva Kulkarni explained the concept of global warming to the children in their native language, Marathi, using illustrations. They emphasized the significance of planting trees and waste segregation, while also encouraging the students to reduce their electricity usage.

As part of the event, a drawing competition was organised and open to all students. The top five participants were selected and awarded for their artistic skills. Another activity called 'Waste to Best' was also conducted, where materials that would have otherwise been discarded were creatively transformed into usable products. A tree-plantation drive was organised, with active participation from the school faculty.

CapitaLand Hope Foundation, which focuses on supporting the shelter, education, and healthcare needs of underprivileged children, played a crucial role in rebuilding Jilha Parishad Primary School and continues to support it through various initiatives.

The event raised awareness about environmental issues, engaged the students through creative activities, and fostered community involvement in sustainability efforts.





## Distribution of Books for the Library

Sustainability Initiatives distributed a set of Pratham Books to the library for Jnanada Pratishthan's Tarachand Ramnath Educational Institute.

The collection of books will be useful to all such students and the students will also get benefited after reading these books. During the handover of these set to Jnanada Pratishthan's Tarachand Ramnath Educational Institute, Ms Apoorva Kulkarni, Mr Narayan Desai, Mr Amol Umbarje and School Trustees were presented.



## Awards

SI and the members of SI have been recognised for their dedication to the betterment of the built environment. Here are the awards bestowed upon them from various organisations for their contributions.

### Awarded Outstanding Service Award to 'Sustainability Initiatives'

On the occasion of the birth centenary of freedom fighter and founding editor of Lokmat, Jawaharlal Darda, 'Sustainability Initiatives' was honored with 'Incredible Service Award' at the hands of Padma Shri Shri Girish Prabhune and Special IG Shri Krishna Prakash (IPS) for its exemplary contribution in the field of environment and sustainability. The event was held on January 2, 2023 in the Auditorium of Patrakar Bhawan which was co-organised by Lokmat and Maha NGO Federation. Founder of Maha NGO Federation Shri Shekhar Mundada, Editor of Lokmat Shri Sanjay Awate, Shri Ravindra Dhariya of Vanrai and other dignitaries were present. Dr. Poorva Keskar, Mr. Amol Umbarje and Mrs. Shivali Waichal were present to accept this honour. Officials and representatives of many social organizations in Maharashtra were present for this program.



For 11 years, 'Sustainability Initiatives' is doing remarkable work for 'Urban Sustainability' under the guidance of Dr. Poorva Keskar, Mr. Hrishikesh Kulkarni, Mrs. Angha Paranjape Purohit, Mrs. Apoorva Kulkarni and Mr. Vijay Sane.

### Sustainability Initiative's trustee Ar. Dr. Poorva Keskar recognised by MEDA.

Sustainability Initiative's trustee Ar. Dr. Poorva Keskar has been recognized by MEDA (Maharashtra Energy Development Agency) during 17th STATE LEVEL AWARD FOR EXCELLENCE IN ENERGY CONSERVATION AND MANAGEMENT AWARD 2021-22 for her contribution under the sector- Architect. The award is a recognition by the State for individuals who have taken extra efforts for Efficient Utilization, Management and Conservation of Energy. Along with the role she plays at Vke, she also is a Principal at the Brick School of Architecture, Trustee of the NGO Sustainability Initiatives, holds a PhD in Indoor Environment Quality and is an ECBC Master Trainer, GRIHA Professional, LEED AP and WELL AP.



Ar. Dr. Poorva Keskar, Director at Vke's environmental, recognised by MEDA during 17th STATE LEVEL AWARD FOR EXCELLENCE IN ENERGY CONSERVATION AND MANAGEMENT AWARD 2021-22 for her contribution under the sector - Architect.

She was also awarded IGBC Fellow 2016, The Real Women Award and Green Champion Award 2019 for her contributions of sustainable initiatives and methods in the construction industry.

# Sustainability initiatives

## Amol Umbarje of Sustainability Initiatives honored as 'Environment Ambassador' under Majhi Vasundar Abhiyan of Environment Department Maharashtra Government.

Amol Umbarje of Sustainability Initiatives was honored as 'Environmental Ambassador' by Dr Iraq Bharucha and Pune Municipal Corporation Deputy Commissioner Mr. Madhav Jagtap under Pune Municipal Corporation Majhi Vasundhara Abhiyan of Environment Department of Maharashtra Government for his substantial work in environment conservation through VK Group and Sustainability Initiatives.



Sustainability Initiatives (SI) was founded 12 years ago by like-minded experts from the diverse fields of urban and environmental planning, architecture, environment, science, geography and energy. Amol Umbarje contributes to the work of the organization and environmental work is going on in entire Maharashtra including Pune. He is also actively involved in many environmental and social activities.

## Amol Umbarje from Sustainability Initiatives was honored with the Certificate of Commitment on behalf of the World Book of Records

Amol Umbarje was honoured with the Certificate of Commitment on behalf of the World Book of Records, an organisation working globally for the social work done during the Covid and post-Covid period through the Sustainability Initiatives and Maha NGO Federation. The award was given by the Vice President of World Book of Records Mr. Mehboob Sayyed and in the presence of Mr. Shekhar Mundada, Chairman of Maharashtra Goseva Commission.





# Sustainability initiatives

## Personal Achievements of Mr. Amol Umbarje

2022-23 has been a remarkable year for Amol Umbarje of Sustainability Initiatives on a personal achievement level. The Awards and Appreciation have been showed on Amol Umbarje

1. Pride of Maharashtra Award by MBR and Times of Pune
2. State Level Dr Kalam Nation Building Inspiration Award by the Dr. Abdul Kalam Skill Development Center
3. Presidential Award for Special Mention - Media Award by ISHRAE
4. Best Social Worker of India by Sai Social and Sports Foundation



# Sustainability initiatives

## SI: Links

SI runs an active internship program under the name SI: Links to mentor students looking for practical experience along with core technical learning. We provide them an opportunity to work on on-going projects and interact with our partner organizations and professionals during their project assignments.



**Ar. Mrunmayee Kamble**

Dr. Bhanubhai Nanavati College of Architecture

"Having the opportunity to work with such a diverse group of people with different disciplinary backgrounds provided me with extensive real-life work experience that I could see really making a difference to the future of the University. This internship provided me the opportunity to work on the perception of users for smart City initiative surveys. I learnt a few new environmental software which helped me with my final thesis. The opportunity to not only work with like-minded individuals but to also see firsthand how projects align with the University's sustainability strategy and the interests of the broader community, was the most rewarding experience of the internship."

During my time as an intern at Sustainability Initiatives, I have had an enriching and invaluable experience. The environment and professionals were very supportive which allowed me to delve into various aspects of environment and sustainability and gain hands on experience. The projects I worked on not only challenged me but also provided real world applications of the knowledge acquired during my academic pursuits. The open communication culture within the firm allowed me to voice my ideas and opinions, fostering a sense of inclusion and teamwork. Working with various teams and knowing more about the field has enhanced my skills and professional insights. I am grateful for the chance to have been a part of this dynamic team and look forward to applying the knowledge and experience gained in my future career.



**Ms. Bhagyashree Mahajan**

Fergusson College



## Media Coverages

Many of our events and activities gained public attention and was covered by the media, both online and print, in various languages like English, Hindi and Marathi. Following are a few snippets from the coverages.

### भांबुडें रेंज, वन विभाग, सस्टेनाबिलिटी इनिशिएटिवज पुणे व व्ही के ग्रुप यांचा उपक्रम



पुणे : वन विभागच्या जागेवर साधारण १० स्वयंसेवी संस्थांच्या माध्यमातून १६५ देशी झाडांची लागवड करण्यात आली. भांबुडें रेंज, वन विभाग व पर्यावरण क्षेत्रात काम करणारी संस्था सस्टेनाबिलिटी इनिशिएटिवज, व्ही के ग्रुप यांच्या संयुक्त विद्यमाने आयोजित वृक्षारोपण कार्यक्रम कोथकड वेडील पहातीला टेकडीवर पार पडला.

या ठरुटी अर्पूर्व वृक्षकर्मी, अमोल उंबरजे, शिमली सॉलिन, व्ही के ग्रुप यांचा टीग बोकील, वन विभागाचे पी बरले, बाळू तिगडे व इतर वन्यवर उपस्थित होते.

पुणे महानगर पालिका, आर्थोबीसी पुणे, महा एनजीओ फेडरेशन, जिनसपोर्ट, रेजिलिएन्ट, जेनोमबीओ, नवशक्तिज, विओ कौटुंब्य, रिओ, रिहा, एक्स्प्रेसआय, एल एस

### म्हातोबा टेकडीवर वृक्षारोपण

पुणे : वन विभागाच्या जागेवर साधारण १० स्वयंसेवी संस्थांच्या माध्यमातून १६५ देशी झाडांची लागवड करण्यात आली. भांबुडें रेंज, वन विभाग व पर्यावरण क्षेत्रात काम करणारी संस्था सस्टेनाबिलिटी इनिशिएटिवज, व्ही के ग्रुप यांच्या संयुक्त विद्यमाने आयोजित वृक्षारोपण कार्यक्रम कोथकड वेडील पहातीला टेकडीवर पार पडला.

या ठरुटी इनिशिएटिवज या ठरुटी अर्पूर्व कुलकर्णी, अमोल उंबरजे, शिमली सॉलिन, व्ही के ग्रुप यांचा टीग बोकील, वन विभागाचे पी बरले, बाळू तिगडे व इतर मान्यवर उपस्थित होते.

पुणे महानगर पालिका, आर्थोबीसी पुणे, महा एनजीओ



भांबुडें रेंज, वन विभाग, सस्टेनाबिलिटी इनिशिएटिवज पुणे व व्ही के ग्रुप यांचा उपक्रम

फेडरेशन, जिनसपोर्ट, रेजिलिएन्ट, जेनोमबीओ, नवशक्तिज, विओ कौटुंब्य, रिओ, रिहा, एक्स्प्रेसआय, एल एस विमान, सोनितुल ग्रीन, टीएमएन ग्रुप, युनिक इन्व्हेस्टमेंट्स इत्यादी संस्थेचे प्रतिनिधी वृक्षारोपणाचे सहभागी झाले होते.

सस्टेनाबिलिटी इनिशिएटिवज व वन विभागाच्या संयुक्तपणे वृक्षारोपण करण्याचा हे पाचवे वर्ष आहे. संस्थेच्या व्हीके वृक्षारोपण करण्यासाठी दरवर्षी अनेक सामाजिक संस्थांचे व नागरिकांचा आवाहन करत असतो असे सस्टेनाबिलिटी इनिशिएटिवजचे अमोल उंबरजे म्हणतात.

### म्हातोबा टेकडीवर देशी झाडांची लागवड

पुणे : वन विभागाच्या जागेवर साधारण १० स्वयंसेवी संस्थांच्या माध्यमातून १६५ देशी झाडांची लागवड करण्यात आली. भांबुडें वन परिक्षेत्र, सस्टेनाबिलिटी इनिशिएटिव्हज आणि व्ही. के. ग्रुप यांच्या वतीने आयोजित वृक्षारोपण मोहीम कोथकड येथील म्हातोबा टेकडीवर नुकतीच पार पडली. यामध्ये पुणे महापालिका, आयजीबीसी पुणे, महा एनजीओ फेडरेशन, जिनसपोर्ट, रेजिलिएन्ट, जेनोमबीओ, नवशक्तिज आदी संस्थेच्या प्रतिनिधींनीही वृक्षारोपणामध्ये सहभाग घेतला. वृक्षारोपणाचे हे पाचवे वर्ष आहे. यावेळी अर्पूर्व कुलकर्णी, अमोल उंबरजे, शिवली वाईचल, व्ही. के. ग्रुपच्या दीपा बोकील, वन विभागाचे पी. बरले, बाळू तिगडे उपस्थित होते.



## सोलापूरचे अमोल उंबरजे यांना पर्यावरण दूत पुरस्काराने सन्मानित

### सोलापूरचे अमोल उंबरजे

सोलापूर सोलापूरचे अमोल उंबरजे यांना पर्यावरण दूत पुरस्काराने सन्मानित करण्यात आले आहे. सोलापूर सोलापूरचे अमोल उंबरजे यांना पर्यावरण दूत पुरस्काराने सन्मानित करण्यात आले आहे. सोलापूर सोलापूरचे अमोल उंबरजे यांना पर्यावरण दूत पुरस्काराने सन्मानित करण्यात आले आहे.

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सोलापूर सोलापूरचे अमोल उंबरजे यांना पर्यावरण दूत पुरस्काराने सन्मानित करण्यात आले आहे. सोलापूर सोलापूरचे अमोल उंबरजे यांना पर्यावरण दूत पुरस्काराने सन्मानित करण्यात आले आहे. सोलापूर सोलापूरचे अमोल उंबरजे यांना पर्यावरण दूत पुरस्काराने सन्मानित करण्यात आले आहे.

## शिबिरात ६२ जणांचे रक्तदान

व्हीके ग्रुपच्या सुवर्णमहोत्सवी वर्षानिमित्त भारत सरकारच्या आरोग्य आणि कुटुंब कल्याण मंत्रालयाच्या रक्तदान अमृतमहोत्सवांतर्गत आयोजित रक्तदान शिबिरात ६२ जणांनी रक्तदान केले. शिबिरासाठी दीनानाथ मंगेशकर रक्तसंकलन केंद्राचे सहकार्य लाभले. व्हीके ग्रुपचे संस्थापक विश्वास कुलकर्णी, ऋषिकेश कुलकर्णी, अपूर्वा कुलकर्णी, अमोल उंबरजे, शिवाली वायचळ, रूपा बांदल, वैभव चव्हाण या वेळी उपस्थित होते.

### सह्य मेद्रो

## ‘गोल्डन डायलॉग्स’ संवादमालेचे आयोजन

शहर विकासाशी निगडित मुद्द्यांवर १४ ऑक्टोबर रोजी चर्चासत्र

पुणे, मा. ११ : शहर विकासाशी निगडित मुद्द्यांवर ‘गोल्डन डायलॉग्स’ या संवादमालेचे आयोजन करण्यात येणारे शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल.

### शहरात शहर विकासाशी निगडित मुद्द्यांवर

पुणेकरांना शहर विकासाशी निगडित मुद्द्यांवर चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल.

पुणेकरांना शहर विकासाशी निगडित मुद्द्यांवर चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल. शिबिरात १४ ऑक्टोबर रोजी चर्चासत्र होईल.

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## नवराष्ट्र

### उलगडल्या 'आयकॉनिक'

### इमारतीच्या निर्माण कथा

पुणे, शहराचे वैभव ठरणाऱ्या 'आयकॉनिक' इमारती तयार होताना त्या मागे असणारी वास्तुशैलीकाराची दृष्टी, योगदान, कष्ट याची निर्माण कथा शुक्रवारी उलगडली. 'सस्टेनेबिलिटी इनिशिएटिव्हज' संस्थेने आयोजित केलेल्या चर्चासत्राचे, सार्वजनिक उपयोजन असलेल्या महत्वपूर्ण सरकारी इमारतींना सुंदर रूप देताना काय करावे लागते, याचा रोचक प्रवास त्यातून उलगडला. या स्पर्धा आर्किटेक्ट टीमला अद्यावत ठेवते, त्यामुळे सहभाग घेत राहावे, हार-जीत न मानता नव्या गोष्टी शिस्त राहावे, असा रंग या चर्चासत्रात उमटला. संस्थेचे 'आर्किटेक्चरल डिझाइन कॉम्पिटिशन-पुणे' द एज इन आर्किटेक्चर प्रोफेशन' या विषयावर चर्चासत्राचे आयोजन करण्यात आले होते. सार्वजनिक बांधकाम खात्याचे मुख्याधिकारी अतुल चव्हाण यांनी या चर्चासत्राला प्रमुख पाहुणे म्हणून दूरदृश्य प्रणालीद्वारे संबोधित केले.

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## सर्टिफिकेट ऑफ कमिटमेंट पुरस्काराने उंबरजे सन्मानित

सोलापूर, ता. ३० : महा एनजीओ फेडरेशनचे संचालक अमोल उंबरजे यांनी महा एनजीओ फेडरेशन व सस्टेनेबिलिटी इनिशिएटिव्हज या माध्यमातून कोविड व त्यानंतरच्या काळातमधे केलेल्या सामाजिक कार्यबद्दल त्यांना जागतिक पातळीवर काम करणारी संस्था वर्ल्ड अफ ऑफ रेकॉर्ड यांच्यावतीने सर्टिफिकेट ऑफ कमिटमेंट या पुरस्काराने सन्मानित करण्यात आले.

हा पुरस्कार वर्ल्ड अफ ऑफ रेकॉर्डचे व्हाइस प्रेसिडेंट मेहनुब सय्यद यांच्यावतीने महाराष्ट्र गोसावा, आयोगाचे अध्यक्ष आणि महा एनजीओ फेडरेशनचे संस्थापक रोखर मुंदडा यांच्या उपस्थितीत देण्यात आला. महा एनजीओ फेडरेशनच्या माध्यमातून संपूर्ण महाराष्ट्र विविध उपक्रम राबवत सामाजिक कार्य करत



सोलापूर : सर्टिफिकेट ऑफ कमिटमेंट पुरस्काराने अमोल उंबरजे यांना सन्मानित करताना माध्यम

असतात. या सामाजिक कार्यात विरमस कुलकर्णी, रोखर मुंदडा, अर्पुल कुलकर्णी, पूर्वा केसकर, अनघा पारंगीचे, रुक्मिणी कुलकर्णी, विजय साने, मुकुंद शिंदे, शाशंक आंबारे, राधेश्वर फुंडेकरे, योगेश बाबाज, गणेश बाबळे, अक्षय महाराज, मोहरा वासत यांचे सहकार्य मिळत असे.

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## खतरा

कार्बन उत्सर्जन पर आयोजित संगोष्ठी में विशेषज्ञों की राय

## क्लाइमेट चेंज प्रकृति की गंभीर समस्या

हर वर्ष 2 डिग्री सेल्सियस तापमान में हो रही वृद्धि

■ पुणे, (सं.) शहर के विकास से संबंधित मुद्दे पर सभी तबकों से चर्चा करने के लिए राशनार को आयोजित 'ग्लोबल डायलॉग' चर्चा सत्र को अच्छा रियासत मिला. वैश्विक तापमान वृद्धि के खतरे को देखा जाए तो पर्यावरण का संरक्षण नहीं किया तो कार्बन उत्सर्जन पर टैक्स भरने की तैयारी रखनी और उत्सर्जन कम करने वाली को प्रोत्साहित किया जाना चाहिए, यह राय विशेषज्ञों ने व्यक्त की. राशनार को नवलम फिनोदिया ऑडिटोरियम, भंडारकर ओरिएंटल रिसर्च इंस्टीट्यूट में यह कार्यक्रम हुआ.

इस कार्यक्रम में केंद्र सरकार की सिक्योरिटी काउंसिल के सदस्य, पद्मश्री अमिताभ मलिक, डॉ. सुनीता पुरुषोत्तम, नेशनल क्लाइमेट एंड हेल्थवेलथ, एक्सपर्ट के उपपक्ष अधिकार राखकर शामिल हुए. डॉ. अनघा पुरोहित ने सत्र का मॉडरेटिंग किया.

कार्यक्रम के मुख्य अतिथि मराठा चेंबर



### उद्योगों को ग्रीन फेक्टरी का रखना चाहिए लक्ष्य

ऑफ कॉमर्स के पूर्व अध्यक्ष प्रदीप भांगवे के हाथों एसआई : इंडस्ट्र कम्प्लायंस का प्रकाशन किया गया. कांचन विरघे ने कार्यक्रम का संचालन किया. इस मौके पर ज्यूरिफिकेशन कुलकर्णी, वैशाली घटकरी, पुजा बोलें, अमोल उंबरजे, शिवाजी

विना पत्रावर समूहिक रूप से प्रयास करना चाहिए. उद्योगों को ग्रीन फेक्टरी का लक्ष्य यामने रखना चाहिए. अतिरिक्त मलिक ने कहा कि रेलवेक यॉगिनी मानव निर्मित है, इसलिए हमें ही उपाय करने चाहिए. क्लाइमेट चेंज प्रकृति की समस्या नहीं बल्कि हम सभी की समस्या है. शहर का विकास करने के दौरान प्राकृतिक संसाधनों पर ध्यान देना हमारी जिम्मेदारी है.

वायुचल सहित विभिन्न क्षेत्रों के व्यक्ति उपस्थित थे. प्रदीप भांगवे ने कहा कि हर वर्ष 2 डिग्री सेल्सियस तापमान में वृद्धि हो रही है. यह चिंताजनक बात है. रात के तापमान से रात नीचा ज्यादा तापमान होना पुणे के लिए खतरा का संकेत है.

## गोल्डन जंपस्टार्ट मेंटरशिप प्रोग्राम : आर्किटेक्ट आरेखनाच्या केंद्र स्थानी पर्यावरण आण

३० जून २०२३ रोजी आयोजित

पुणे, शहराचे वैभव ठरणाऱ्या 'आयकॉनिक' इमारती तयार होताना त्या मागे असणारी वास्तुशैलीकाराची दृष्टी, योगदान, कष्ट याची निर्माण कथा शुक्रवारी उलगडली.

सोलापूर, ता. ३० : महा एनजीओ फेडरेशनचे संचालक अमोल उंबरजे यांनी महा एनजीओ फेडरेशन व सस्टेनेबिलिटी इनिशिएटिव्हज या माध्यमातून कोविड व त्यानंतरच्या काळातमधे केलेल्या सामाजिक कार्यबद्दल त्यांना जागतिक पातळीवर काम करणारी संस्था वर्ल्ड अफ ऑफ रेकॉर्ड यांच्यावतीने सर्टिफिकेट ऑफ कमिटमेंट या पुरस्काराने सन्मानित करण्यात आले.

हा पुरस्कार वर्ल्ड अफ ऑफ रेकॉर्डचे व्हाइस प्रेसिडेंट मेहनुब सय्यद यांच्यावतीने महाराष्ट्र गोसावा, आयोगाचे अध्यक्ष आणि महा एनजीओ फेडरेशनचे संस्थापक रोखर मुंदडा यांच्या उपस्थितीत देण्यात आला.

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सोलापूर : सर्टिफिकेट ऑफ कमिटमेंट पुरस्काराने अमोल उंबरजे यांना सन्मानित करताना माध्यम

असतात. या सामाजिक कार्यात विरमस कुलकर्णी, रोखर मुंदडा, अर्पुल कुलकर्णी, पूर्वा केसकर, अनघा पारंगीचे, रुक्मिणी कुलकर्णी, विजय साने, मुकुंद शिंदे, शाशंक आंबारे, राधेश्वर फुंडेकरे, योगेश बाबाज, गणेश बाबळे, अक्षय महाराज, मोहरा वासत यांचे सहकार्य मिळत असे.

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## संमिश्र

जि.एम.ए. २० डिग्री २०२३  
www.gjmanthan.com

## 'सस्टेनेबिलिटी इनिशिएटिव्हज' ला अनुल्य सेवा सन्मान प्रदान

३० जून २०२३ रोजी आयोजित

पुणे, शहराचे वैभव ठरणाऱ्या 'आयकॉनिक' इमारती तयार होताना त्या मागे असणारी वास्तुशैलीकाराची दृष्टी, योगदान, कष्ट याची निर्माण कथा शुक्रवारी उलगडली.



सोलापूर : सर्टिफिकेट ऑफ कमिटमेंट पुरस्काराने अमोल उंबरजे यांना सन्मानित करताना माध्यम

असतात. या सामाजिक कार्यात विरमस कुलकर्णी, रोखर मुंदडा, अर्पुल कुलकर्णी, पूर्वा केसकर, अनघा पारंगीचे, रुक्मिणी कुलकर्णी, विजय साने, मुकुंद शिंदे, शाशंक आंबारे, राधेश्वर फुंडेकरे, योगेश बाबाज, गणेश बाबळे, अक्षय महाराज, मोहरा वासत यांचे सहकार्य मिळत असे.





कुलकर्णी, श्रीमती अनघा परांजे पुरोहित, श्रीमती अपूर्वा कुलकर्णी और विजय साने के मार्गदर्शन में पर्यावरण और स्थिरता के क्षेत्र में उल्लेखनीय कार्य करने के लिए ११ वर्षों तक 'सस्टेनेबिलिटी इनिशिएटिव्स' को सम्मानित किया गया। आयोजन २ जनवरी २०२३ को सभागार भवन में हुआ। इस कार्यक्रम में महाराष्ट्र के कई सामाजिक संगठनों के पदाधिकारी व प्रतिनिधि मौजूद रहे।

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**50th Anniversary**  
United Nations

**CLIMATE ACTION FOR SUSTAINABILITY**  
"The world is at a crossroads. We must act now to ensure a sustainable future for all."  
— Secretary-General Ban Ki-moon

**CONFLUENCE**  
High Level Dialogue on the Future of the World  
Ban Ki-moon, Angela Merkel, Barack Obama, and other world leaders will gather in Rio de Janeiro to discuss the future of the world.

**Summit Rio+20**  
Sustainable Development for People and Planet  
192 countries will gather in Rio de Janeiro to discuss the future of the world.

[illegible]

Sustainability Initiatives will conduct a series of panel discussions on generative design and artificial intelligence in architectural practice, at 5pm at BORI on Friday.



उलगडली 'आयकाॅनिक' इमारतींची निर्माणकथा !

‘आर्किटेक्चरल डिझाईन कॉमिटीशन’ वरील छायाचित्रांना प्रतिपाद | आर्किटेक्चरल डिझाईन स्पर्धातील विजेत्यांचा संवाद

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**पु**  
'.... अ  
भरप  
'स्ताव्मेट जीवितन पो



**दैनिक**

## पुणरा आवाज

**Product name:** *Product name*

**'.... अन्यथा कार्बन उत्सर्जनाबद्दल कर  
भरण्याची तयारी ठेवली पाहिजे '**

‘क्लायमेट जैवमन और सस्टेनीबिलिटी’ वरील चर्चासत्राला प्रतिभाद : ‘ग्लोबल टायपलॉस’ संवादमाले अंतर्गत आयोजन



सूचक : राजा विजयपाल  
अथ श्रीविजयपाल, राजा विजयपाल

उपरा केने एडिने, एडिने एडिने      सुपरा सुपरा सुपरा

श्री. ७७ वाक्ये आदिवाक्ये आदिवाक्ये

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**पुण्य नगरी**

आर्किटेक्चरल डिझाइन स्पर्धा  
विजेत्यांशी शुक्रवारी संवाद

■ **पुणे** : सस्टेनॅबिलिटी इनिशिएटिव्हज या संस्थेतर्फे 'आर्किटेक्चरल डिझाइन कॉम्पिटिशन' पुशिंग द एज इन आर्किटेक्चर प्रोफेशन' या विषयावर शुक्रवारी (दि. २३) चर्चासत्राचे आयोजन केले आहे. आर्किटेक्चरल डिझाइन स्पर्धांतील राष्ट्रीय विजेत्यांशी या वेळी संवाद साधला जाणार आहे. सायंकाळी ५ ते ७ या दरम्यान सेनापती बापट स्तंभावरील मराठा चेंबर ऑफ कॉमर्सच्या सुमंत मुळगावकर सभागृहात चर्चासत्र होईल. विनामूल्य नाव नोंदणीसाठी गुगल फॉर्म भरण्याचे आवाहन केले आहे.

Smart Pune Edition

Jun 20, 2023 Page No. 02

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**'आर्किटेक्चरल डिझाइन कॉम्पिटिशनस' विषयावर गोल्डन डायलॉगचे आयोजन**

‘सरटेनॅबिलिटी इनिशिएटिव्हज’ या संस्थेतर्फे आर्किटेक्चरल डिझाईन स्पर्धांतील राष्ट्रीय विजेत्यांशी २३ जून रोजी पुण्यात रंगणार संवाद

पुनः 'सस्टेनेबिलिटी इनिशिएटिव' का संघर्षपूर्ण आर्षितकपाल विज्ञान कॉमिनिटिअन -तुमिग इ एज इन सस्टेनेबल प्रोजेक्ट' का विषयवार चर्चासत्राच आवाजन सज्जता अतले आहे. सार्वजनिक कांफरन्स स्थापनाचे अर्थ अर्थिवाच अनुसंध चर्चासत्र हे वा चर्चासत्रास प्रमुख ताले सत्रान सत्रमिग सत्रास अतले.

[illegible]

વા સેવાઓ સંબંધિત સ્થળો વા ચર્ચાસરણ સરખાળી હોય  
જાણે, વિદ્યુત્તંત્ર ચાલ વોલ્ટીયાટી ગુણ પદ્મિ પ્રાપ્તિ  
પ્રાપ્તિ કરાવવા આવી છે.

**राष्ट्रिय सहा विकाससमिती संवाद**  
 पुणेकरांना भेटसाधनाचा शहरी समन्वय  
 पायाभरणीविषयक जणकारता, राष्ट्रिय सहा विकास  
 शहरी जीवन्याची गुणवत्ता असा गोष्टीचा उद्देश  
 विकाससमिती या संस्थाच्या शहरी व आवासाच्या

साकारी अधिकारी, स्थानप्रधानाचार्य विद्यापीठ, नागरीक, इतिहासज्ञ, वामनविहारद, म्हेळकराज्य वाना ' पोरण्ड  
 उद्योगधर्य ' के संशोधनप्रज्ञा अग्रजिता कण्ठस्थ वेत्त  
 का संवाद मलिकावेत्त। कर्मचाल पात्र मत्त विमोक्षिता  
 कण्ठस्थ आजीत। ज्याअर्थे 'रौत पात्र मत्त विमोक्षिता'  
 इत अर्थेन विमोक्षयत्तानावेत्तान, पुणें महासाहसी हज्ज्या  
 कृती आराधका, दिव्यजन संपर्पी धुमिकार, सारही  
 प्रजासत्ताकेचे शिरो म्हातिरीये म्हात्त, म्हात्ताना  
 लोडकेमिण अलि सामन्त प्रहरीकरत। कातराज्य महा  
 विमोक्षिता निगडित विविध विमोक्षयत्तानावेत्तान सच  
 केनी जालें

**સુવર્ણમંદોમકર્મિણિ પુરસ્કાર**  
 ઓર્કિટેટ વિદ્યાસ કુલકર્ણી વર્ષી ૧૯૭૨ સાલે  
 સુવર્ણમંદોમકર્મિણિ પુરસ્કાર આપવામાં આવ્યો હતો.  
 ૨૫૦ જગ્યાએ મુદ્રિત થયેલ છે. કુલકર્ણી વર્ષી ૧૯૭૨  
 પુરે જગ્યાએ પ્રથમ વિદ્યાસ કુલકર્ણી વર્ષી ૧૯૭૨  
 જગ્યાએ મુદ્રિત થયેલ છે. કુલકર્ણી વર્ષી ૧૯૭૨



પ્રજાતિકાર્યને ચરવાયકોઈક ન્વારી સમારોહનોગી કામ કરવાપામ. મર વિનિતાં આ, પુવાનીની કા વર્નાન કુવા. અલિન મોનુવા કાવનીવા પુને સહરાધ્વા વિકાસલ મોલાલ વહટા આરે. કમ આનિનકમર ઈશ્વમ વામુવ મુને કાલોની ની ધમે આન સહર વિગેઝ, વાકામર, ધોલ કલિનડી, ટેરિઅર ટિફનુવ આન વિધિધ વામુવ વામુવ આરે. પુને સહરાળીલ દવાડેલેલ હલવાં. વાવનીની મીડર,વિનહા પાવેદની નવી કામલકીવ મુમર,વામાર ટુટ મેટર આન. હામાહાળ અલિન કાવનીની આરેલન વા કાવનીની મેલે આરે.

## पुण्य नगरी

### म्हातोबा टेकडीवर वृक्षारोपण

॥ पुणे : वन विभागाच्या जागेवर साधारण १० स्वयंसेवी संस्थांच्या माध्यमातून १६५ देशी झाडांची लागवड करण्यात आली. भांबुडें रेंज, वन विभाग व पर्यावरण क्षेत्रात काम करणारी संस्था सस्टेनाबिलिटी इनिशिएटिव्ह, व्ही. के. ग्रुप यांच्या संयुक्त विद्यमाने आयोजित वृक्षारोपण कार्यक्रम कोथरूड येथील म्हातोबा टेकडीवर पार पडला.

या वेळी सस्टेनाबिलिटी इनिशिएटिव्हच्या ट्रस्टी अपूर्वा कुलकर्णी, अमोल उंबरजे, शिखरी वाईचल, व्ही. के. ग्रुपच्या दीपा योकील, वन विभागाचे पी. बरले, वाळू निगडे व इतर मान्यवर उपस्थित होते. पुणे महानगरपालिका, आयजीबीसी पुणे, महा एनजीओ फेडरेशन, जिनसपोर्ट, रेंजिलिएट, जेनोमबीओ, नवशक्तिज, जिओ फाउंडेशन, रिझो, इशरे, रिहा, एफएसएसआय, एस. एस. व्हिजन, शांतिदूत परिवार,

टीसीपीए ग्रुप, युनिक इनवोरोकेअर या संस्थांचे प्रतिनिधीही वृक्षारोपणामध्ये सहभागी झाले होते. सस्टेनाबिलिटी इनिशिएटिव्ह व वन विभागाच्या सहकार्याने वृक्षारोपण करण्याचे हे पाचवे वर्ष आहे. संस्थेच्या वतीने वृक्षारोपण करण्यासाठी दरवर्षी अनेक सामाजिक संस्थांना व नागरिकांना आवाहन करत असतो, असे सस्टेनाबिलिटी इनिशिएटिव्हचे अमोल उंबरजे म्हणाले.

#### जाहीर नोटीस

सुमान लोकास विरोधी शिव मोर्चे कायदा, ता. खेड, नि. पुणे येथील व पर्यावरण लोकास व जाहीर नोटीशीने कडकपणे पाहिले जाईल...

अपने अजिल कडकपणे विचारू शकता. शिव मोर्चे कायदा, ता. खेड, नि. पुणे येथील व पर्यावरण लोकास व जाहीर नोटीशीने कडकपणे पाहिले जाईल...

सही- श्री. अतुल चंद्रकांत धुमटकर, अंडकोरड व नोटीसी भात सरकर राजगुरुनगर, ता. खेड, नि. पुणे मो. ९८२२९४८५५

Pune Edition

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### ‘जनरेटिव्ह डिझाईन अँड आर्टिफिशियल इंटेलिजन्स’ विषयावर १५ सप्टेंबर रोजी चर्चासत्र

पुणे : ‘सस्टेनाबिलिटी इनिशिएटिव्ह’ या संस्थेने ‘जनरेटिव्ह डिझाईन अँड आर्टिफिशियल इंटेलिजन्स इन आर्टिफिकल प्रॅक्टिस’ या विषयावर संवादसत्राचे आयोजन करण्यात आले आहे. शहर विकासाशी निगडित मुद्द्यांवर निगडित सर्व घटकांशी चर्चा करण्यासाठी ‘गोल्डन डायलॉग’ या संवादमालेचे आयोजन करण्यात येत असून त्यातील हे चौथे संवादसत्र १५ सप्टेंबर रोजी सायं ५ वाजता नवलमल फिरोदिया ऑडिटोरियम, भांडाकर ओरिएंटल रिसर्च इन्स्टिट्यूट (विधी महाविद्यालय रस्ता, पुणे) येथे होणार आहे. या संवादसत्रात आर्टिफिकल कृष्ण मूर्ती (मुंबई), आर्टिफिकल आदित्य चंद्रा (मुंबई), आर्टिफिकल गुरुलाल सुतार (पुणे) या तज्ज्ञांचे मार्गदर्शन होणार आहे. आर्टिफिकल हर्षिकेश कुलकर्णी या चर्चासत्राचे मॉडरेटिंग करणार आहेत. ‘आर्टिफिकल, इजिनिअर्स, सॉल्यूशंस असोसिएशन’ आणि ‘व्हीके ग्रुप’ च्या सहकार्याने ही संवादमाला होत आहे. संवादमाला सर्वासाठी विनामूल्य व खुली आहे. ज्येष्ठ आर्टिफिकल विश्वास कुलकर्णी यांनी स्थापन केलेल्या व्ही. के. ग्रुप या प्रसिद्ध आर्टिफिकल कंपनीच्या सुवर्णमहोत्सवानिमित्त ही संवादमाला आयोजित करण्यात आली आहे. व्हीके (ऑपरेशन्स)च्या सी.अपूर्वा कुलकर्णी यांनी ही माहिती दिली. पुणेकरांना भेडसावणाऱ्या शहरी समस्या, पर्यावरणविषयक जागरूकता, शाश्वत शहर विकास, शहरी जीवनाची गुणवत्ता अशा गोष्टींवर ऊहापोह करण्यासाठी या क्षेत्रातील राष्ट्रीय व आंतरराष्ट्रीय तज्ज्ञ, सरकारी अधिकारी, स्थापत्यशास्त्राचे विद्वार्थी, नागरिक, ईजिनिअर्स, वास्तुविशारद, स्ट्रेकहोल्डर्स यांना या संवादमालेत आमंत्रित करण्यात येणार आहे. या संवाद मालिकेची वर्षभराला पाच सत्रे नियोजित करण्यात आली आहेत. ज्यामध्ये ‘रोल ऑफ प्लेसबॅकिंग इन अर्बन रिह्याव्हलव्हेशन’, पुणे शहरासाठी हवामान कृती आराखडा, डिझाइन स्पॅचेची भूमिका, शहरी इमारतीमध्ये रेंटिंग सिस्टीमचे महत्त्व, पर्यावरणीय लँडस्केपिंग आणि शाश्वत शहरीकरण यासारख्या शहर विकासाशी निगडित विविध विषयांवर तज्ञांसोबत चर्चा केली जात आहे.

## पुण्य नगरी

### वर्ल्ड बुक ऑफ रेकॉर्ड पुरस्काराने अमोल उंबरजे सन्मानित

सोलापूर / प्रतिनिधी  
येथील महाएनजीओ फेडरेशनचे संचालक अमोल उंबरजे यांनी महा एनजीओ फेडरेशन व सस्टेनाबिलिटी इनिशिएटिव्हच्या माध्यमातून कोविड व त्यानंतरच्या काळामध्ये केलेल्या सामाजिक कार्याबद्दल त्यांना जागतिक पातळीवर काम करणारी संस्था वर्ल्ड बुक ऑफ रेकॉर्ड यांच्या वतीने सर्टिफिकेट ऑफ कमिटमेंट या पुरस्काराने सन्मानित करण्यात आले.

हा पुरस्कार वर्ल्ड बुक ऑफ रेकॉर्डचे व्हाईस प्रेसिडेंट मेहुबूब सय्यद यांच्या हस्ते व महाराष्ट्र नोबोसो



आयोगाचे अध्यक्ष आणि महाएनजीओ फेडरेशनचे संस्थापक शंखर मुंबडा यांच्या उपस्थितीत देण्यात आला. यावेळी व्हाईस प्रेसिडेंट सय्यद म्हणाले की,

सामाजिक कार्यात उत्कृष्ट कार्य करणाऱ्या समाजसेवकांची विविध प्रकारे निरीक्षण व माहिती घेऊन त्यांना हा पुरस्कार दिला जातो. उंबरजे यांचे सामाजिक कार्याची उल्लेखनीय आहे. त्यामुळेच त्यांना या पुरस्काराने सन्मानित करण्यात येत आहे. यावेळी अमोल उंबरजे म्हणाले, अनेक सामाजिक उपक्रम राबवत असताना खूप अडथळी येत असतात, त्या अडथळींवर मात करून आपण कोविड काळात व त्यानंतरच्या काळात अनेक सामाजिक व आरोग्य विषयक उपक्रम राबवित आहोत. जागतिक पातळीवर काम करणारी वर्ल्ड बुक ऑफ रेकॉर्ड

अशा संस्थेकडून मिळणाऱ्या पुरस्काराने आपणही अधिकाधिक सामाजिक कार्य करण्यासाठी ऊर्जा मिळेल. माझ्या सामाजिक कार्यात विश्वास कुलकर्णी, शंखर मुंबडा, अपूर्वा कुलकर्णी, पूर्वा केसकर, अनघा परांपने, संतोष ऐराळे, ऋषिकेश कुलकर्णी, विजय साने, मुकुंद शिंदे, शाकां ओंबारे, रामेश्वर फुंडीपळे, योगेश बजाज, गणेश बाकले, अक्षय महाराज, महेश कासाट यांचे नेहमी सहकार्य मिळत असते. तसेच वर्ल्ड बुक ऑफ रेकॉर्ड उपाध्यक्ष महबूब सय्यद व त्यांच्या संपूर्ण टीमचा मोठा आभारी आहे, असे सांगितले.



MARCH 11

Golden  
dialogue

5a

Discussion on 'Climate action for sustainability' is organised by VK Group. The discussion is planned under the initiative - 'Golden dialogues' - a series of panel discussions on the topic central to the changing urban landscapes in India. It's a multidirectional discussion about the sectors contributing to carbon emissions and insights into the strategies and actions to reduce the carbon footprint at the individual and community levels.

WHEN: 4 pm to 6 pm

WHERE: Navalmal Firodia Auditorium, Bhandarkar Oriental Research Institute (BORI) Campus, Law College Road

For registration- <https://forms.gle/wXSAcpNijHBKsnk-YA>



## ‘क्लायमेट ॲक्शन फॉर

सस्टेनॅबिलिटी’ वर आज चर्चासत्र

पुणे : शहर विकासाशी निगडित मुद्द्यांवर

निगडित सर्व घटकांशी चर्चा करण्यासाठी

‘गोल्डन डायलॉग्स’ या संवादमालेतील

दुसऱ्या सत्राचे आयोजन दि. ११ मार्च

राजी ४ ते ६ वेळेकट करण्यात येत आहे.

ज्येष्ठ आर्किटेक्ट विश्वास कुलकर्णी यांनी

स्थापन केलेल्या ‘व्ही. के. ग्रुप’ या प्रसिद्ध

आर्किटेक्चर कंपनीच्या सुवर्णमहोत्सवानिमित्त

ही संवादमाला आयोजित करण्यात आली

आहे. पुणे शहरातील दगडूशेत हलवाई

गणपती मंदिर, जिल्हा परिषदेची नवी

प्रशासकीय इमारत, ‘परमार ट्रेड सेंटर’ अशा

एक हजारांहून अधिक इमारतीचे आरेखन या

कंपनीने केले आहे. ‘ग्रीन होम्स प्लॉटिंगम’

प्रमाणित ‘व्ही. के. ग्रुप’कडून केले जाते.

विश्वास कुलकर्णी यांना त्यांच्या योगदानाबद्दल

‘ग्लोबल रिल इस्टेट’ कॉर्पोरेशनने ‘टॉपमोस्ट

आर्किटेक्चर लीडर्स’ पुरस्काराने गौरविण्यात

आले आहे.

## ‘सस्टेनॅबिलिटी इनिशिएटिव्हज’ या संस्थेतर्फे आर्किटेक्चरल

# डिझाईन स्पर्धातील राष्ट्रीय विजेत्यांशी संवाद

■ राष्ट्रसंघार न्यूज नेटवर्क

पुणे : ‘सस्टेनॅबिलिटी इनिशिएटिव्हज’ या संस्थेतर्फे ‘आर्किटेक्चरल डिझाईन कॉम्पिटिशन-पुणे द एज इन आर्किटेक्चर प्रोफेशन’ या विषयावर चर्चासत्राचे आयोजन करण्यात आले आहे.

सार्वजनिक बांधकाम खात्याचे मुख्य अभियंता अतुल चव्हाण हे या चर्चासत्राला प्रमुख पाहुणे म्हणून उपस्थित राहणार आहेत. सुनील पाटील (संचालक सुनील पाटील अँड असोसिएट), कल्पक भंडारी (संचालक, विकास स्टुडिओ), विजय साने (पॉटनर, व्ही. के.; यु.अर्बन) हे मान्यवर या चर्चासत्रात

## राष्ट्रीय व आंतरराष्ट्रीय तज्ज्ञांचा सहभाग

● पुणेकरांना भेडसावणाऱ्या शहरी समस्या, पर्यावरणविषयक जागरूकता, शाश्वत शहर विकास, शहरी जीवनाची गुणवत्ता अशा गोष्टींवर ऊर्ध्वोद्गम करण्यासाठी या क्षेत्रातील राष्ट्रीय व आंतरराष्ट्रीय तज्ज्ञ, सरकारी अधिकारी, स्थापत्यशास्त्राचे विद्यार्थी, नागरिक, इंजिनियर्स, कंसुल्टिंग्स, स्ट्रेण्डरलव्हर्स यांना ‘गोल्डन डायलॉग्स’ या संवादमालेत आमंत्रित करण्यात येते. या संवाद मालिकेची वर्षभरात पाच सत्रे नियोजित करण्यात आली आहेत. ज्यामध्ये ‘रोल ऑफ प्लेनमेकिंग इन अर्बन डिझाईन’लायव्हेन्स, पुणे शहरासाठी द्यायान कुती आराखडा, डिझाइन स्वस्थी भूमिका, शहरी इमारतींमध्ये रेटिंग सिस्टीमचे महत्त्व, पर्यावरणीय लँडस्केपिंग आणि शाश्वत शहरीकरण यासारख्या शहर विकासाशी निगडित विविध विषयांवर तज्ज्ञांसोबत चर्चा केली जाईल.

सहभागी होणार आहेत. हे तिन्ही मान्यवर वक्ते हे राष्ट्रीय स्तरावरील वेगवेगळ्या आर्किटेक्चरल डिझाईन कॉम्पिटिशनमधील विजेते असून

ते त्यांचे अनुभव आणि विचार या चर्चासत्रात मांडणार आहेत. २३ जून रोजी सायंकाळी ५ ते ७ या दरम्यान सेनापती बापट रस्तावरील

मराठा चेंबर ऑफ कॉमर्सच्या सुमेल मुळावकर सभागृह येथे हे चर्चासत्र होईल.

आर्किटेक्चर चे विद्यार्थी, आर्किटेक्ट व्यावसायिक, तसेच या क्षेत्राशी संबंधित व्यक्ती या चर्चासत्रात सहभागी होणार आहेत. विनामूल्य नाव नोंदणीसाठी मुगल फॉर्म भरण्याचे आवाहन करण्यात आले आहे. ‘सस्टेनॅबिलिटी इनिशिएटिव्हज’ ही संस्था आर्किटेक्चर क्षेत्रातील व्ही.के. ग्रुप या कंपनीचा एक उपक्रम आहे. व्ही.के. ग्रुपच्या सुवर्ण महोत्सवी वर्षानिमित्त गोल्डन डायलॉग ही चर्चासत्रांची मालिका आयोज्यात आली असून हे चर्चासत्र या मालिकेतील तिसरे चर्चासत्र आहे.

## ‘गोल्डन डायलॉग्स’ संवादमाला येत्या शनिवारी

पुणे : शहर विकासाशी निगडित मुद्द्यांवर निगडित सर्व घटकांशी चर्चा करण्यासाठी ‘गोल्डन डायलॉग्स’ या संवादमालेतील दुसऱ्या सत्राचे आयोजन दि. ११ मार्च रोजी ४ ते ६ वेळेत करण्यात येत आहे. ज्येष्ठ आर्किटेक्ट विश्वास कुलकर्णी यांनी स्थापन केलेल्या ‘व्ही. के. ग्रुप’ या प्रसिद्ध आर्किटेक्चर कंपनीच्या सुवर्णमहोत्सवानिमित्त ही संवादमाला आयोजित करण्यात आली आहे. दि. ११ मार्चला ४ ते ६ वाजता नवलमल फिरोदिया ऑडिटोरियम, भांडारकर ओरिएंटल रिसर्च इन्स्टिट्यूट येथे होणार आहे. अमिताव मलिक, डॉ. सुनीता पुरुषोत्तम, अभिषेक राजुरकर सहभागी होतील. ‘मराठा चेंबर ऑफ कॉमर्स’चे माजी अध्यक्ष प्रमुख पाहुणे प्रदीप भार्गव यांच्या हस्ते ‘एस आय : इंप्रिंट कन्फ्लुअन्स’चे प्रकाशन होणार आहे.

## CAMPUS DIGEST

### Discussions held on architecture

Golden Dialogues, a discussion on architectural design competitions on the topic – ‘Pushing the edge in the architecture profession’, was organised by NGO Sustainability Initiatives recently. Chief engineer of the public works department Atul Chavan was the chief guest. Architects, students and various stakeholders participated in the event.

## म्हातोबा टेकडीवर देशी झाडांची लागवड

पुणे : वन विभागाच्या जागेवर साधारण ९० स्वयंसेवी संस्थांच्या माध्यमातून १६५ देशी झाडांची लागवड करण्यात आली. भांबुर्डे वन परिक्षेत्र, सस्टेनेबिलिटी इनिशिएटिव्हज आणि व्ही. के. ग्रुप यांच्या वतीने आयोजित वृक्षारोपण मोहीम कोथरूड येथील म्हातोबा टेकडीवर नुकतीच पार पडली. यामध्ये पुणे महापालिका, आयजीबीसी पुणे, महा एनजीओ फेडरेशन, जिनसपोर्ट, रेजिलिएन्ट, जेनोमबीओ, नवक्षितिज आदी संस्थेच्या प्रतिनिधींनीही वृक्षारोपणामध्ये सहभाग घेतला. वृक्षारोपणाचे हे पाचवे वर्ष आहे. यावेळी अपूर्वा कुलकर्णी, अमोल उंबरजे, शिवली वाईचल, व्ही. के. ग्रुपच्या दीपा बोकील, वन विभागाचे पी. बरले, बाळू तिगडे उपस्थित होते.



## शिविरात ६२ जणांचे रक्तदान

**पुणे :** पुण्यातील नामवंत आर्किटेक्चर कंपनी व्हीके ग्रुपच्या सुवर्ण महोत्सवी वर्षानिमित्त आणि भारत सरकारच्या आरोग्य आणि कुटुंब कल्याण मंत्रालयाच्या रक्तदान अमृत महोत्सवा अंतर्गत रक्तदान शिविरात ६२ कर्मचाऱ्यांनी रक्तदान केले. दीनानाथ मंगेशकर रक्तसंकलन केंद्राच्या सहकार्याने रक्तदान शिविराचे आयोजन व्हीके ग्रुप कार्यालय, सेनापती बापट रस्ता, पुणे येथे केले होते.

**PUNE City**

कलायमेट अॅक्शन फॉर सस्टेनॅबिलिटीवरील चर्चासत्राला प्रतिसाद

### ...अन्यथा 'कार्बन' कर भरण्याची तयारी ठेवा

पुणे : पुणे विकासशील निगडित मुद्द्यांवर निगडित सर्व घटकांशी चर्चा करण्यासाठी आयोजित 'गोल्डन डायलॉस' या संवादमालेतील 'कलायमेट अॅक्शन फॉर सस्टेनॅबिलिटी' विषयावरील चर्चासत्राला शनिवारी सायंकाळी चांगला प्रतिसाद मिळाला. 'जागतिक तापमानवाढीचा धोका पाहता, पर्यावरण संवर्धन केले नाही, तर कार्बन उत्सर्जनाबद्दल कर भरण्याची तयारी ठेवली पाहिजे आणि उत्सर्जन कमी करणाऱ्यांना प्रोत्साहन मिळाले पाहिजे,' असा सूर या चर्चासत्रात उमटला. नवलमल फिरोदिया ऑडिटोरियम, भांडारकर ओरिएंटल रिसर्च इन्स्टिट्यूट येथे हे चर्चासत्र झाले. या चर्चासत्रामध्ये विविध व्यक्ती या सहभागी झाल्या होत्या.

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## 'कलायमेट अॅक्शन फॉर सस्टेनॅबिलिटी' चर्चासत्र

**पुणे :** शहर विकासाशी निगडित मुद्द्यांवर निगडित सर्व घटकांशी चर्चा करण्यासाठी आयोजित 'गोल्डन डायलॉस' या संवादमालेतील 'कलायमेट अॅक्शन फॉर सस्टेनॅबिलिटी' विषयावरील चर्चासत्राला शनिवारी सायंकाळी चांगला प्रतिसाद मिळाला. 'जागतिक तापमानवाढीचा धोका पाहता, पर्यावरण संवर्धन केले नाही, तर कार्बन उत्सर्जनाबद्दल कर भरण्याची तयारी ठेवली पाहिजे आणि उत्सर्जन कमी करणाऱ्यांना प्रोत्साहन मिळाले पाहिजे,' असा सूर या चर्चासत्रात उमटला. नवलमल फिरोदिया ऑडिटोरियम, भांडारकर ओरिएंटल रिसर्च इन्स्टिट्यूट येथे हे चर्चासत्र झाले. या चर्चासत्रामध्ये विविध व्यक्ती या सहभागी झाल्या होत्या.

## Associations

Mentioned organisations have been associated with Sustainability Initiatives from time to time for different projects, activities and events





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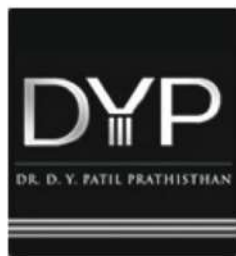


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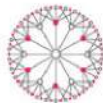
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