



KUVEMPU



UNIVERSITY

**Department of PG Studies and Research in Environmental Science
Kuvempu University, Jnana Sahyadri, Shankaraghatta - 577 451**

One Day National Seminar on
GREEN SOLUTIONS
Exploring pollution management strategies

REPORT

Prof. Yogendra K.
Chairman

**Faculty, Staff, Research Scholars
& Students**

Department of PG Studies
and Research in Environmental Science
Kuvempu University

National Seminar on "Green Solutions: Exploring Pollution Management Strategies"

The inaugural session of the National Seminar on "**Green Solutions: Exploring Pollution Management Strategies**" took place on **March 21, 2024**, at the Department of Environmental Science, Kuvempu University, Shankaraghatta. The seminar commenced with a resounding commitment to environmental protection and sustainability, bringing together experts, scientists, and stakeholders to address pressing environmental challenges facing the country.

Prof. Yogendra K, Chairman and organizer of the seminar, delivered the opening remarks, highlighting the critical need for innovative solutions to combat pollution and its detrimental impacts on public health and the environment. He emphasized the urgency of collective action to address pressing issues such as air pollution, water contamination, and waste management.

During the welcome address, Prof. Hina Kousar and Dr. S. H. Basavarajappa, from the Department of Environmental Science, introduced the distinguished speakers. Their introductions provided insight into the expertise and contributions of each speaker, setting the stage for the informative discussions to follow.

The seminar was inaugurated by **Prof. Sharat Ananthamurthy**, Hon'ble Vice-Chancellor, Kuvempu University, who highlighted India's commitment to reducing pollution and transitioning towards a greener economy. He praised the government's initiatives, including the National Clean Air Programme and the promotion of renewable energy and electric mobility, as significant steps towards achieving environmental sustainability. Sri. A.L. Manjunath, (Senior KAS officer) Registrar, Kuvempu University and Prof. Gopinath S M., Registrar (Evaluation) were also present in the inaugural session of the seminar.

Distinguished speakers, including Prof. Sunil Nautiyal, Mr. Sujeetkumar Dongre, Dr. Sharathchandra, and Dr. Sunil Naik, along with the keynote speaker Prof. E. T. Puttaiah, Former Vice-Chancellor of Gulbarga University, shared insights and expertise on various aspects of pollution management and sustainable development during the technical sessions. Topics discussed included renewable energy expansion, air quality improvement, waste management strategies, and measures to promote eco-friendly practices.

The seminar provided a platform for fruitful discussions and the exchange of ideas among **224** participants, including faculty members, research scholars, and students from diverse academic backgrounds. Their active engagement and contributions underscored the importance of collective efforts in addressing environmental challenges.

Additionally, the seminar witnessed a series of technical sessions focusing on diverse aspects of sustainability, particularly emphasizing waste management and renewable energies.

During the seminar, our Hon'ble Vice-Chancellor inaugurated two green initiatives – Susthira and Ecocycle, representing significant steps forward in the university's commitment to sustainability and environmental stewardship. These initiatives were launched in alignment with the Mission LiFe component of the Ministry of Environment, Forests, and Climate Change, Government of India program, highlighting the University's dedication to contributing meaningfully to national efforts aimed at combating climate change and promoting sustainable development.

EcoCycle - Green Hub



Your Path to Eco-Friendly Transportation and Sustainability

EcoCycle-Green Hub promotes cycling as a sustainable mode of transportation on the Kuvempu University campus, aiming to create a more eco-friendly campus atmosphere. The initiative encourages cycling, thus reducing carbon footprint, improving air quality, promoting fitness, and building a healthier campus community. The bicycle service, provided free of cost with certain conditions, ensures accessibility for all, contributing to campus-wide sustainability efforts in line with Mission LiFe objectives.

SUSTHIRA - A Green Campus LiFe Initiative



Promoting Sustainability and Eco-Consciousness in Kuvempu University Campus

At Department of PG Studies & Research in Environmental Science, we are committed to creating a campus environment that prioritizes sustainability and eco-consciousness. That's why we're excited to introduce SUSTHIRA, a Green Campus LiFe initiative aimed at promoting a greener, healthier, and more environmentally friendly campus.

SUSTHIRA promotes sustainability and eco-consciousness within the Kuvempu University campus by encouraging the use of eco-friendly, steel/glass coffee/tea/water cups and plates in various campus events. By saying 'NO' to plastic cups and plates, SUSTHIRA contributes to reducing plastic waste and fostering a greener, healthier, and more environmentally friendly campus environment.

End Note :

The National Seminar on "Green Solutions" not only facilitated discussions on pollution management strategies but also provided a platform for launching impactful green initiatives aimed at promoting sustainability and environmental consciousness within the university community. The successful implementation of these initiatives signifies the Kuvempu University's commitment to creating a more eco-friendly and sustainable campus for the benefit of present and future generations.

Concluding the program, Senior Professor Dr. J. Narayana offered closing remarks, summarizing the key points discussed throughout the seminar. His conclusion summed up the importance of what the seminar aimed to achieve and highlighted the importance of continued efforts towards environmental conservation and sustainability.



GREEN RESOLUTIONS:



Based on the insights and discussions from the National Seminar on "**Green Solutions: Exploring Pollution Management Strategies,**" we propose a set of green resolutions aimed at promoting sustainability and environmental consciousness within the Kuvempu University campus:

1. **Managing Waste:** Create a system to handle all the garbage produced at the university. This system will sort, recycle, and get rid of the waste in the best way possible. Implement a comprehensive solid waste management system to effectively segregate, recycle, and dispose of waste generated within the university premises. Encourage the adoption of sustainable waste management practices by introducing segregation of bio degradable and non-biodegradable wastes at source among students, faculty, staff members and campus residents.
2. **E-Waste Management:** Establish dedicated e-waste collection points on campus to collect and recycle electronic waste responsibly. Raise awareness among the university community about the hazards of improper e-waste disposal and promote the importance of recycling electronic gadgets.
3. **Solar Panels on University Office Buildings:** Install roof top solar panels on university office buildings under NET METERING concept with MESCO so that we can generate revenue from solar energy. This initiative will not only lower carbon emissions but also lead to long-term cost savings on electricity bills and generate revenue also.
4. **Electric Vehicle (EV) Charging Stations:** Install stations on campus where people can charge electric vehicles (EVs). This will encourage students, faculty, residents, and visitors to use EVs, which are better for the environment. We can place these chargers in convenient spots, like near security areas by the main gates. We can do this by partnering with private companies by sharing the costs and profits.
5. **E-Vehicles for Campus:** Introduce electric vehicles for campus transportation, such as e-bikes or electric shuttles, to provide eco-friendly mobility options within the university premises. Replace conventional fuel-powered vehicles with electric alternatives to minimize air pollution and noise levels on campus.
6. **Solar Street Lights:** Replace traditional street lights with solar-powered LED street lights to illuminate walkways, pathways, and parking lots on campus. Solar street lights will not only reduce energy consumption but also enhance safety and security during nighttime.

7. **Less paper Office:** Promote paper shredding practices to securely dispose of confidential documents by providing paper shredder machine to all offices and encourage the transition towards a less paper office environment. Implement digital document management systems and online communication platforms to minimize paper usage and promote eco-friendly office practices.
8. **Rainwater Harvesting:** Implement rainwater harvesting systems to capture and store rainwater for landscaping and groundwater recharge purposes. Utilize harvested rainwater for non-potable purposes, such as flushing toilets, watering gardens, and cleaning outdoor spaces, to conserve freshwater resources.
9. **Development of Existing Green Library:** Enhance the sustainability features of the existing Green library opposite to University's main library next to Konanakatte by incorporating eco-friendly practices and modern technologies. Provide Wi-Fi connectivity throughout the Green library premises to facilitate digital learning and research activities for students and faculty members.
10. **Provision of E-Readers to Students:** Introduce e-readers as a sustainable alternative to traditional printed textbooks, allowing students to access academic resources in digital format. Provide e-reader devices or facilitate access to e-books through digital library platforms, promoting paperless reading and reducing the university's carbon footprint.

Photo Gallery



Photo Gallery



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What is SUSTHIRA?

SUSTHIRA is an initiative to SAY 'NO' to plastic cups and plates in fresher's/farewell parties, social gatherings, meetings and workshops

What We Offer?

Eco-friendly, reusable steel/glass coffee/tea/water cups and plates are available at free of cost.

Get Involved

Join us in making a positive impact on our campus and the environment. Together, we can create a greener, healthier future for all.

For more information and to get involved, contact us at the Department of Environmental Science, Kuvempu University.

Let's work together to make **SUSTHIRA** a success and create a more sustainable campus community.

EcoCycle - Green Hub



Your Path to Eco-Friendly Transportation and Sustainability

Come join us in adopting a healthier and more sustainable mode of transportation on the Kuvempu University campus through EcoCycle-Green Hub, a key component of Mission LiFE. Our initiative promotes cycling as an intelligent and eco-conscious option for moving around campus, aligning perfectly with the goals of Mission LiFE to cultivate a more sustainable living environment.

EcoCycle-Green Hub is more than just about cycling; it represents a movement towards a greener campus. By choosing to cycle, you're not only reducing your carbon footprint but also enhancing air quality and promoting fitness.

Our bicycle service at free of cost makes cycling accessible to everyone, ensuring that all can enjoy its benefits. However, certain conditions apply.

Join us today:

Become a Cyclist: Start your journey towards a healthier lifestyle by joining our cycling community.

Spread the Word: Share your cycling experiences and encourage others to embrace eco-friendly transportation options.

Let's pedal towards a greener future together with EcoCycle-Green Hub, as part of Mission LiFE.

For more information and involvement, contact the Department of Environmental Science at Kuvempu University.

Prof. Yogendra K.

Chairman

**Faculty, Staff, Research Scholars
& Students**

Department of PG Studies and Research in Environmental Science, Kuvempu University

On March 21, 2024, during the National Seminar on "Green Solutions: Exploring Pollution Management Strategies, **Prof. Sharath Ananthamurthy**, the Hon'ble Vice-Chancellor of Kuvempu University, inaugurated the above initiatives.