



Nagindas Khandwala College
Empowered Autonomous

Internal Quality Assurance Cell (IQAC)

Organizes

One Day National Conference on "Environment and Human Health: Challenges and Opportunities"

Date: 28th February 2025

Venue: C-Wing, 7th floor, Smart Room

Resource Person: Prof. Dr. A D Sawant, Prof. Aparna Saraf, Dr. R. G. Bankar

In association with: PG Department of Geography and Department of Geoinformatics

Sponsored by: National Society of Friends of Trees, Rotary Club of Mumbai Downtown Sealand and Society for Clean Environment

Report:

IQAC, in association with the Post Graduate Department of Geography and the Department of Geoinformatics, organised a One day National Conference on 'Environment and Human Health: Challenges and Opportunities' sponsored by the National Society of Friends of Trees, Rotary Club of Mumbai Downtown Sealand and Society for Clean Environment. The aim of the conference was to shed light on the critical intersection between environmental issues and human health - a topic of growing importance in today's world. The conference brought together experts, researchers and enthusiasts in the fields of geography, geoinformatics and environmental science, creating a platform for dynamic discussions and thought-provoking presentations.

The inaugural session of the conference saw the presence of dignitaries such as Director of MKES Group of Institutions Dr. Mrs. Ancy Jose, Principal Prof. Dr. Moushumi Datta, Vice Principal and IQAC Coordinator Prof. Dr. Mona Mehta and representatives from the sponsors. The distinguished guest of honour was Prof. Dr. AD Sawant, Former Joint Director, Higher Education, Mumbai region, Former Pro Vice-Chancellor of Mumbai University, Former Vice Chancellor of University of Rajasthan, and currently President, Friends of Trees and Rotary Club of Mumbai Downtown Sealand. Prof. Sawant, in his inaugural address, emphasized the importance of environmental awareness, waste management and the collective responsibility to safeguard our planet for future generations. An important milestone during the inauguration session was the release of the ISBN book featuring 21 research papers.



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The inaugural session was followed by two technical sessions. The resource person for the first technical session was Prof. Dr. Aparna Saraf, HoD- Dept. of Botany, Institute of Science, Dr. Homi Bhabha State University and for the second technical session was Dr. RG Bankar, noted scientist and Consultant of New Agri Business at Excel Industries Ltd. Later, the participants gathered for paper presentations which were held on two separate tracks simultaneously. The paper presenters put their best foot forward and showcased their research work on various contemporary topics such as environmental justice in India, climate change trends, the mangrove forest cover in Mumbai, ideas for harnessing Mumbai's Waterfront, etc. The session chairs for the paper presentations were Professor Dr Chandani Bhattacharjee, Head of Department Environmental Studies, H.R College of Commerce and Economics and Professor Dr. Kavita Kalkoti, Head, Department of Commerce, Nagindas Khandwala College. At the valedictory function, Ms. Elizabeth Leah George, Dr. Sujayita Bhattacharjee and Ms. Tribeni Sonowal were awarded prizes for best research paper.

E-Banner

**Internal Quality Assurance Cell (IQAC), Post Graduate Department of Geography,
Department of Geoinformatics**

Welcomes all delegates
to
National Conference
on
**Environment and Human Health: Challenges and
Opportunities**

ECHHO 2025

Nagindas Khandwala College
Empowered Autonomous

Brochure



MALAD KANDIVLI EDUCATION SOCIETY'S
NAGINDAS KHANDWALA COLLEGE
EMPOWERED AUTONOMOUS
(AFFILIATED TO UNIVERSITY OF MUMBAI)
RE-ACCREDITED BY NAAC WITH "A" GRADE (4TH CYCLE)
ISO 21001:2018 CERTIFIED



Internal Quality Assurance Cell (IQAC)
in association with
Post Graduate Department of Geography and Department of Geoinformatics
sponsored by
National Society of Friends of Trees Rotary Club Society for Clean Environment
organizes
One Day National Conference on Environment and Human Health: Challenges and Opportunities (ECHHO - 2025)

Date: 28.02.2025
Day: Friday
Time: 9am onwards

OFFLINE MODE

Nagindas Khandwala College:
Nagindas Khandwala College (Empowered Autonomous), which was established on 21 July, 1983 by the visionary, dedicated and ever progressive Malad Kandivli Education Society. An empowered autonomous institution with an A Grade (NAAC Accredited - 4th cycle) and an ISO 21001:2018 certification, offering 31 undergraduate programmes, 14 postgraduate programmes and 4 Ph. D programmes through 3 research centres, catering to more than 7,000 students across the campus.

IQAC at NK College:
Internal Quality Assurance Cell was established in year 2002-2003. It works towards improving and maintaining the quality of education, identifying and suggesting new ways of using teaching aids, developing suitable infrastructure and offering suggestions for the new programmes.

PG Department of Geography and PG Department of Geoinformatics:
The Post Graduate Department of Geography started in the year 2006-07 and established a Research Center in Geography in 2018. The Department of Geoinformatics started the M.Sc. Geoinformatics programme in 2020-21 and the B.Sc. Geoinformatics programme in 2023-24. Nagindas Khandwala College is a pioneer in starting a full-time Geoinformatics programme under the University of Mumbai.

Friends of Trees:
The National Society of the Friends of the Trees is registered under the Bombay Public Trust Act, 1950 and under the Societies Registration Act 1860. It was established on 16th August 1957. The objectives of the Society are the Preservation, Protection, Propagation and Plantation of trees for the purpose of maintaining ecological balance in India, particularly in urban areas.

Rotary Club:
Rotary is a global network of more than 1.2 million neighbors, friends, leaders, and problem-solvers who see a world where people unite and take action to create lasting change - across the globe, in our communities, and in ourselves.

SOCLEEN:
SOCLEEN is a voluntary, non-profit and non-political organization committed to creating cleaner, greener and pollution free environment in and around Vadodara.

About Conference:
The theme "Environment and Human Health: Challenges and Opportunities" underscores the intricate link between environmental conditions and human health. As climate change accelerates, its effects—such as rising temperatures, extreme weather events, and shifting disease patterns—pose significant threats to global health, particularly among vulnerable populations. Addressing these challenges requires a collaborative approach, integrating science, policy, and community engagement to safeguard both the environment and public health.

The Conference is organised to celebrate NATIONAL SCIENCE DAY wherein we look at scientific solutions towards environmental problems.

Advisory Committee:

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Dr. A.D.Sawant

Vice-President- Friends of Trees
Shri. Tushar Desai

Hon. Gen. Sec. - Friends of Trees
Mrs. Sakina Gadiwala

Conference Sub-themes:

Climate Change and Health Impacts

- Heat-related illnesses and mortality
- Vector-borne diseases and changing disease patterns
- Food security and nutrition
- Mental health impacts of climate change

Pollution and Public Health

- Air pollution and respiratory diseases
- Water contamination and waterborne diseases
- Soil pollution and its impact on agriculture
- Noise pollution and stress-related disorders

Urbanization and Health

- The health impact of urban heat islands
- Urban planning and green spaces for better health
- Transportation systems and air quality
- Housing conditions and public health

Environmental Justice and Health Equity

- Disparities in exposure to environmental hazards
- Health impacts on marginalized communities
- Policy approaches to environmental justice
- Community-based solutions for health equity

Sustainable Development and Health

- Role of sustainable agriculture in promoting health
- Renewable energy and its health benefits
- Circular economy and waste management
- Sustainable water management for public health

Emerging Environmental Health Risks

- Microplastics and human health
- Endocrine-disrupting chemicals
- Antimicrobial resistance and environmental factors
- Health risks of new technologies

Technological Innovations and Environmental Health

- Green technology for pollution control
- Remote sensing and GIS in environmental health monitoring
- Data analytics and AI in predicting health impacts
- Innovations in healthcare for climate-related health issues

Interdisciplinary Approaches to Environmental Health

- Integrating environmental science and public health
- Collaboration between government, academia, and industry

The topics mentioned above are only suggestive. Papers on any other related topic can be taken.
3 Best Paper Presentation Prizes will be announced

Call for Papers

We invite Researchers, Academicians and Post Graduate students to submit their original and unpublished papers with reference to the broad theme of the Conference, addressing their papers to one of the following Conference sub-themes. Selected papers will be published as ISBN book.

Format of the Paper:
Abstract (250 words)
Introduction
Review of Literature
Research Objectives
Research Hypothesis
Results and Discussion
Recommendations
Conclusion
References/Bibliography

Length: 8-10 pages including tables and figures
Word Limit: 2500-3000 words; Page: A4
Font Style: Times New Roman; Font Size: 12
Line Spacing: 1.5; Margins: 1.5" on all sides
Citation and Reference Style: APA
Submission: On or before 25th February, 2025
Mode of Submission:
E-mail to echhoconf2025@gmail.com

Registration Link:
<https://forms.gle/3hfmUXZjTFNg7xj6>

Mode of payment:

Schedule:

9am-10am	Registration and Breakfast
10am-11am	Inauguration
11am-11.15am	Tea Break
11.15am-12noon	Technical Session-I
12noon-12.45pm	Technical Session-II
12.45pm-1pm	Special Talk
1pm-2pm	Lunch
2pm-4pm	Paper Presentations
4pm-4.30pm	Valedictory Function

Payment Details:

Registration Amount/ Category	With Publication	Without Publication
Academicians	Rs. 1500/-	Rs. 1000/-
Research Scholars	Rs. 1200/-	Rs. 750/-
Students	Rs. 800/-	Rs. 500/-

Organizing Committee:

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Santosh Niwate
Socleen
Please feel free to contact for queries

Nagindas Khandwala College
 Empowered Autonomous

Attendance Sheet

NAGINDAS KHANDWALA COLLEGE-EMPOWERED AUTONOMOUS

REGISTRATION LIST (AIDED SECTION)

DATE: 28/2/2025

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NAGINDAS KHANDWALA COLLEGE-EMPOWERED AUTONOMOUS

Environment and Human Health :Challenges and Opportunities

REGISTRATION LIST (SELF FINANCE SECTION)

DATE: 28/2/2025

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NAGINDAS KHANDWALA COLLEGE-EMPOWERED AUTONOMOUS
 Environment and Human Health :Challenges and Opportunities
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 DATE: 28/2/2025

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7	Vrushali Kadam				
8	Shubhi Soral				
9	Jayeeta Datta				
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Attendance Sheet – Page 3

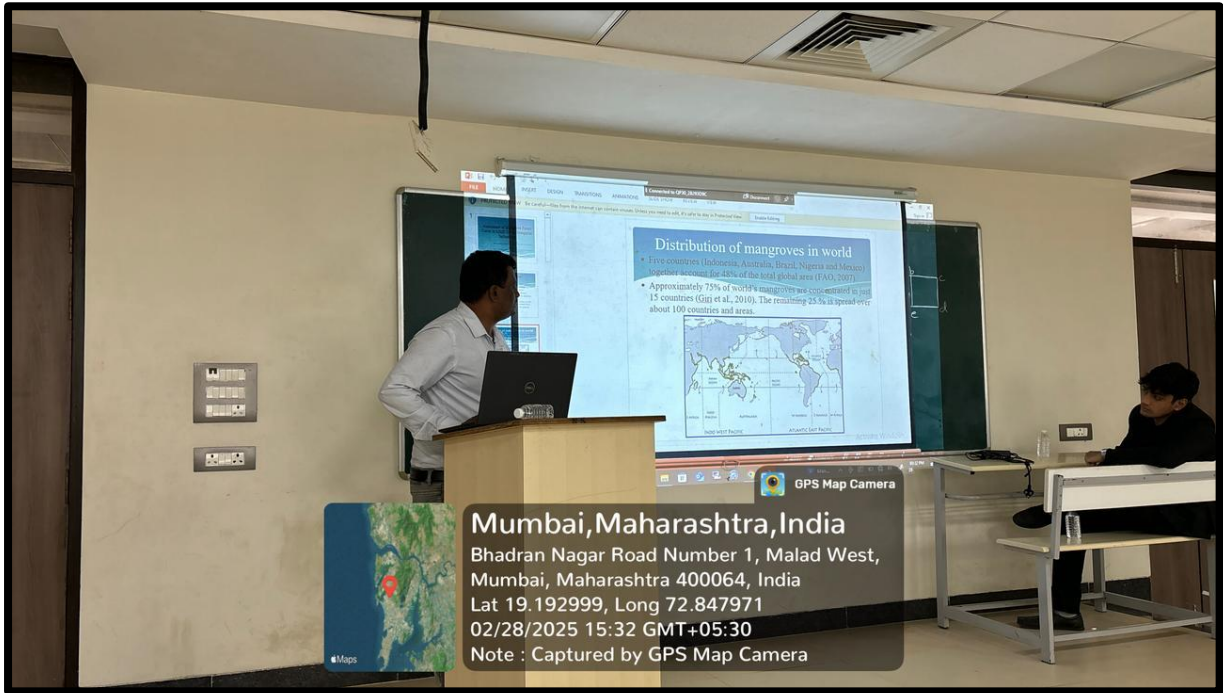
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Attendance Sheet – Page 4

Photographs of the Event







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