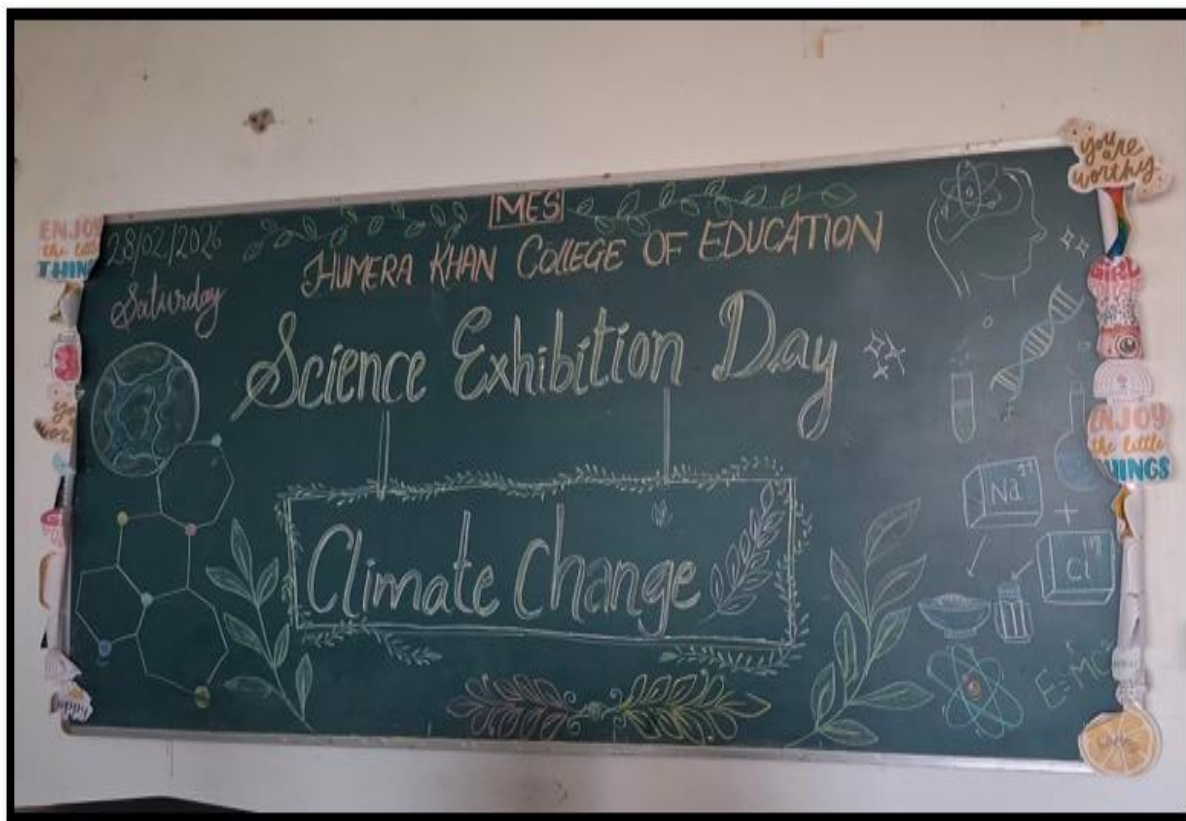




HUMERA KHAN COLLEGE OF EDUCATION

UGC.NCTE Approved, Affiliated To University Of Mumbai (NCTE Code No: 123082)
Oshiwara, Jogeshwari(W)
NAAC Accreditation 'B' Grade



Introduction:

Humera Khan College of Education, Oshiwara, Jogeshwari (W), Mumbai-400102, organized an Online Group Discussion on Climate Issues on 26th/ 28th February 2026 from 1:00 pm to 3:30 pm under the Environment Cell as part of DLLE activities. The program was conducted under the guidance of the Event Incharge Dr. Avani Kanakia, I/C Principal Dr. Varsha Maru, and was efficiently coordinated by the Extension Student Managers, Ms. Aqsa Jairajpuri and Ms. Lubna Shaikh.

The session witnessed active participation from pupil teachers, most of whom prepared creative and working models such as the Greenhouse Effect Model, Water Purification Model, and Density of Water Experiment. Students also prepared bird feeders and donated them to the community as part of their DLLE activity, reflecting social responsibility along with environmental awareness. The Special Guest and Judge, Ms. Rekha, observed the discussion and evaluated the models, appreciating the efforts of the students and offering valuable feedback.



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Objectives:

1. To create awareness among pupil teachers about climate issues and environmental challenges.
2. To help students understand scientific concepts related to climate and environmental protection.
3. To encourage active participation, critical thinking, and meaningful discussion.
4. To promote sustainable practices and community-oriented initiatives.
5. To develop creativity, teamwork, communication skills, and social responsibility among students.

Significance:

The program served as an important academic as well as community-oriented initiative that blended theoretical knowledge with practical application. By participating in the group discussion, students were encouraged to think critically about current climate challenges and reflect on their role as responsible citizens. The activity created awareness about sustainable living and motivated students to adopt eco-friendly habits in their daily lives.

The preparation of scientific models helped students strengthen their conceptual clarity and apply classroom learning in a meaningful way. Furthermore, the initiative of preparing and donating bird feeders to the community highlighted compassion towards nature and social responsibility, which are core values promoted under DLLE activities. The presence of the Special Guest, Dr Rekha Katheet, further enhanced the importance of the event, as her guidance and constructive feedback inspired students to improve their analytical and presentation skills. Overall, the program contributed to the holistic development of pupil teachers by nurturing awareness, responsibility, and leadership qualities.

Content:

The group discussion covered comprehensive aspects of climate issues. Students began by discussing the meaning and concept of climate change and global warming, followed by a detailed explanation of the greenhouse effect and its impact on Earth's temperature by Dr. Avani Kanakia. The major causes of climate change, such as deforestation, industrialization, rapid urbanization, excessive use of fossil fuels, and various forms of pollution, were analysed thoughtfully.

The discussion also highlighted the harmful effects of climate change, including rising global temperatures, irregular rainfall, heat waves, floods, melting glaciers, water scarcity, and ecological imbalance. Participants suggested preventive measures such as conserving natural



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resources, reducing carbon emissions, promoting renewable energy sources, practicing waste management, and adopting sustainable lifestyles.

In addition to the discussion, students presented well-prepared working models such as the Greenhouse Effect Model, Water Purification Model, Density of Water Experiment and many more. These models demonstrated scientific principles in a practical and simplified manner, making the session interactive and informative. The combination of discussion and model presentation made the program both educational and engaging.

Learning Outcomes:

Through this program, students developed a deeper understanding of climate-related issues and their scientific foundations. They enhanced their ability to explain environmental concepts clearly and logically. The preparation and presentation of models strengthened their creativity, experimental skills, and scientific thinking. Participation in the group discussion improved their communication abilities, confidence, teamwork, and analytical thinking. The initiative of preparing and donating bird feeders fostered a sense of empathy, environmental care, and community engagement. Overall, the program helped in shaping responsible, aware, and socially committed future educators who are prepared to promote environmental consciousness in society.



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BIRDFEEDER MODEL

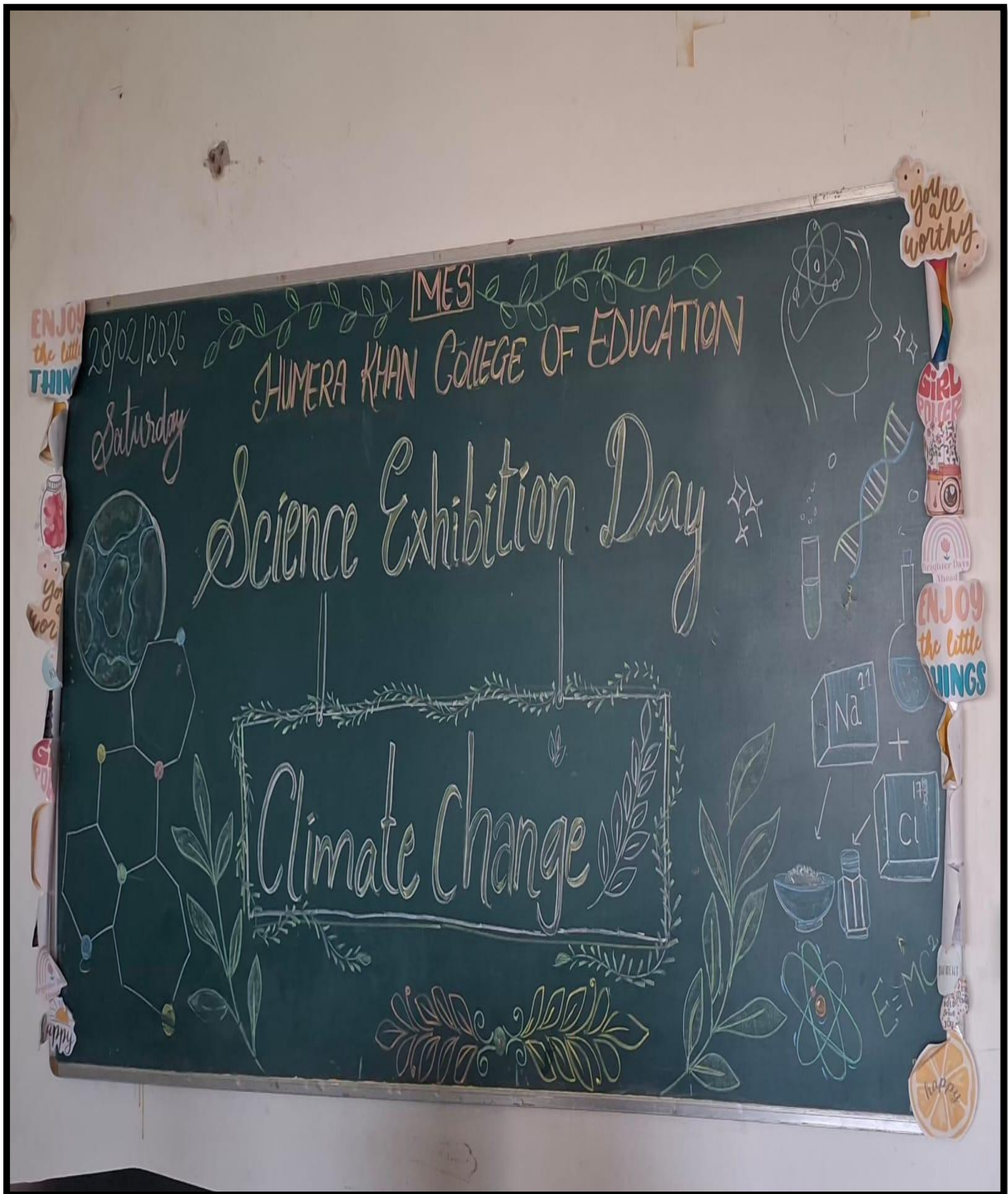


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MODELS AND SCIENCE EXHIBITION



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21, Prakash Nagar, Patliputra, Jogeshwari West, Mumbai,
Maharashtra 400102, India
Lat 19.149987° Long 72.83815°
Saturday, 28/02/2026 01:56 PM GMT +05:30



Mumbai, Maharashtra, India 
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Maharashtra 400102, India
Lat 19.150052° Long 72.83814°
Saturday, 28/02/2026 02:00 PM GMT +05:30



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Mumbai, Maharashtra 400102, India
Lat 19.149977° Long 72.838175°
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