



Innovation for Sustainable Development Challenge

Date & Time: 20th September 2023 ; 11:30 AM-13:00 PM

Session Type: Parallel

Venue: Silver Oak 2, India Habitat Centre

Background:

The ecological backlash of unsustainable development by humans is manifested through pollution, climatic calamities, degradation of natural resources which, in turn, influence the overall quality of life. One of the main reasons for such deleterious effect is due to human activities driven by enhanced & unsustainable consumption patterns. In this context, there is a global consensus for rethinking and redesigning of our thought processes, values and activities that aim for 'Sustainable Living' through reducing demand of the human being on natural resources by participation of all, both at personal and community levels, with suitable replacement(s)/alternative(s). This is also manifest in the Mission LiFE of Govt. of India.

Students today can shape the world of tomorrow by driving innovative solutions to the challenges our world is facing. PGSC is working relentlessly for creating scientific temper and environment awareness among the students so that the benefits of S&T and the understanding of Sustainable Development percolate to the masses. PGSC proposes to organize “**Innovation for Sustainable Development Challenge**” in collaboration with National Museum of Natural History, New Delhi (for which talks have been initiated) at the “**5th International Conference on Sustainability Education (ICSE)**”.

About the Session:

The focal theme of the competition will be **Science, Technology & Innovation for Sustainable Living**. The competition will focus on three SDG Goals - clean water; affordable and clean energy and climate change. Students (in the age of 13 years to 16 years) from schools of Punjab & Delhi will be invited to undertake action projects in their school/home/locality and submit the results to PGSC on prescribed Google form which will be evaluated by a team of experts. Best 25-30 entries/teams will be shortlisted for poster presentation on 20th September 2023. Each team would comprise of not more than 2 students. The posters will be evaluated on 20th September from 9:30 am – 11:00 am. Best 3 projects would be presented after the expert talks during the session at 11:30 am – 1:00 pm.

Winners will be awarded attractive cash prizes and Mementos. All participating students and Teacher Mentors will be given Certificate of Participation.

1st prize: 5,000/-

2nd Prize: 3,000/-

3rd Prize: 2,000/-

Two Appreciations: 1000/- each

PGSC would either try to raise sponsorship for the cash prizes or would sponsor the prizes itself.

Session Objectives:

- To motivate children to apply scientific understanding in day-to-day decision-making and design and develop approach and / or solution for tapping potentials and overcoming the challenges.
- To encourage children to take transformative initiatives to community and society
- To encourage children to visualize the future of the country and help building generations of sensitive, responsible citizens.

Outcomes:

It is expected that >200 students will be involved in the process. These would be ambassadors of the environment crusade and influence their peer group and families. Thus, the session will have a multiplier impact.

Programme Schedule including speaker and facilitator details (Tabular format):

1.	Talks by: • Dr. Neelima Jerath, Director General, PGSC • Representative from Action for Climate & Environment Unit, UNDP, New Delhi (Speaker name under finalization)	11.30 am – 12.00 pm
2.	Address by the Session Chair	12.00 pm - 12.15 pm
3.	Announcement of Awards	12.15 pm – 12.20 pm
4.	Presentation by awardees (only 3, 5-7 minutes each)	12.20 pm – 12.40 pm
5.	Discussion (Q & A)	12.40 pm – 12.50 pm
6.	Prize Distribution	12.50 pm – 12.58 pm
7.	Vote of Thanks	12.58 pm – 1.00 pm

Contact person details:

Name: Dr. Neelima Jerath

Organisation's Name: Pushpa Gujral Science City

Email id: neelimakj@gmail.com

Phone number: 9779037002

Alternate Contact person:

Name: Dr. Loveleen Brar

Organisation's Name: Pushpa Gujral Science City

Email id: loveleen_brar@ymail.com

Phone number: 8146944629