4th International Conference on Sustainability Education (ICSE-2022)

DAY 2: Parallel Session

September 10, 2022 (Saturday); Time 11:30-13:00 hrs (GMT +5:30)

on

Promoting Innovations to Achieve Sustainable Development

Venue: Scope Convention Centre, Mirza Ghalib Hall

Background

Sustainable Development Goals (SDGs) are a bold universal agreement. World over, actions are being taken to promote education for sustainable development. Goal 9 of the SDGs aims to promote economic development and human well-being by facilitating sustainability and innovations. These innovations could be in all sectors of development like, environment, infrastructure, circular economy, affordability and equitable access of benefits to all.

In a knowledge based economy, it is important that capacities of students and teachers are built to think out-of-box, identify innovative solutions for issues surrounding them, as well as, understand the importance of protecting their knowledge through appropriate intellectual property instruments. These innovations could be both, at the grassroots level or at the higher education level. The present session will try to bring out how various aspects of innovations in science and technology are contributing towards achieving 17 Sustainable Development Goals.

Pushpa Gujral Science City (PGSC) has undertaken a one-year campaign titled "**Sustainable Development: Attitude, Skills and Knowledge" (SD-ASK)** in collaboration with United Nations Development Programme (UNDP) for promoting Education for Sustainability in the State of Punjab. SD-ASK Clubs have been set up and a minimum 2 programs every month are conducted for students of these clubs. The present session will help to take the ESD agenda further.

Objectives:
The following aspects will be covered:
1) Innovations for sustainability
2) Role of capacity building to promote innovations
3) Importance of grassroots innovations in solving local developmental issues
4) Sustainability solutions through emerging S & T tools
5) ESD experience sharing from other countries

Program Schedule

Name and the affiliation of the speaker	Title of the Talk
Dr Neelima Jerath, Director General, PGSC	*Moderator*
Prof. Anil Gupta, CSIR Bhatnagar Fellow, Founder, Honey Bee Network, SRISHTI, Grassroots Innovation Augmentation Network, National Innovation Foundation, Visiting Faculty, IIM-Ahmedabad and IIT-Bombay, Academy Professor, ACSIR	Recognizing Grassroots Innovations Towards Achieving Sustainability *Chair: Confirmed Physical mode*
Ms Huma Abidi, Sr. Director, Artificial Intelligence SW Products and Engineering, INTEL Corporation, Cupertino, California, USA	AI and Sustainability Solutions *Key Speaker: Confirmed, online mode*
Ms Deepali Upadhyay, Program Director, Atal Tinkering Mission, NITI Aayog, Delhi	*Key Speaker: Confirmed, Physical mode*
Ms Mita Goswami, ESD Expert, SWISS Agency for Development and Cooperation, Mongolia	Experiences from Asian Countries on Sustainability Education *Key Speaker: Confirmed in online mode*
Ms Paramjit Kaur Dhillon, Principal, Kamla Nehru Public School, Phagwara	School Level Innovations to Promote ESD amongst Students *Key Speaker: Confirmed, Online Mode*
Ms Sharda Pullabhatla, Kamla Nehru Public School, Phagwara	*Key Speaker: Confirmed, Physical mode*