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Concept Note Training Programme

Climate Change: Science, Impacts, and Solutions

The Center for Study of Science, Technology and Policy (CSTEP), in collaboration with the Department of Agriculture and Farmers' Empowerment (DA&FE), Government of Odisha, is working towards building climate resilience in the state's agriculture and allied sector. As part of these efforts, we propose a series of capacity-building training programmes on key climate-related themes, including climate change science, adaptation, mitigation, climate modelling, climate-smart agriculture, greenhouse gas (GHG) emissions profiling, life cycle assessment, climate finance, and carbon markets.

This concept note outlines the first training programme in the series, titled 'Climate Change: Science, Impacts, and Solutions.' Designed as a one-and-a-half-day, state-level event, this programme aims to enhance the awareness and technical capacity of district-level government functionaries working on climate change in Odisha. By providing a comprehensive understanding of climate change science, the implications of climate change, and the urgency for action, the programme will equip participants with the knowledge and tools needed to drive climate action within their respective domains.

This training programme will be conducted for district-level functionaries from 30 districts across Odisha and three state-level Agriculture Officers. The programme will have 99 participants, with representatives from the Directorates of Agriculture and Food Production, Horticulture, and Soil Conservation and Watershed Development. To ensure effective engagement and learning, participants will be divided into three batches of 33 participants each, with each batch attending a separate one-and-a-half-day session. To foster cross-sectoral learning and collaboration, each batch will consist of a mixed group of participants, 10 each from the three Directorates and the three state-level officers, allowing for cross-cutting discussions and interaction between departments that are interdependent and interconnected.

The training programme will span six days in total. CSTEP seeks support from DA&FE for logistics, including the venue and finalisation of participants for the three training batches.

The next capacity-building workshop will focus on GHG emissions profiling. This workshop is targeted for district and state-level officials from the Directorates of Agriculture and Food Production, Horticulture, and Soil Conservation, and Watershed Development. Participants familiar with MS-Excel-based data analysis are eligible for this workshop. Attendees of the first workshop will be briefed on the upcoming workshop to gauge interest and suitability.