



Two Weeks Online Training Course On
**“Protected Cultivation Technologies for
Climate Smart Agriculture”**
April 21-28, 2020

Tentative Schedule

21.04.2020 Tuesday (Day 1)

Time: 1100 to 1230 hrs

Polyhouse cultivation technology: Concepts, importance, types of structures and selection criteria, site selection, care to be taken during erection, feasibility of technology in Indian context.

Mr. Chetan Dedhia, J. J. Overseas, Mumbai

Time: 1600 to 1730 hrs

Controlling climate in Protected structures: How to control climate in different climatic regions for various crops, different equipments available, their technical specifications, cost and selection criteria.

Mr. Ganesh Kulkarni, GreenTech India, Pune

22.04.2020 Wednesday (Day 2)

Time: 1100 to 1230 hrs

Media, bed preparation and soil sterilisation: Types of media, selection criteria, how to understand good quality media, How to prepare good beds, soil sterilisation methods and means.

Dr. Sanjay Narute, Consultant, Protected Cultivation

Time: 1600 to 1730 hrs

Different cladding materials: Different types available in market, technical specifications, & selection criteria

Mr. Somnath Jadhav, Zonal Sales Manager, Agriplast Tech India Pvt Ltd, Pune

23.04.2020 Thursday (Day 3)

Time: 1100 to 1230 hrs

Automation for climate control, irrigation and fertigation: Automation equipments available in market and their applications.(Climate-temp, light, humidity, Co₂, EC pH, management)

Mr. Manoj Nigam, Director and CTO

Time: 1600 to 1730 hrs

Irrigation and Nutrient management: Importance of emitter discharge, Pulse irrigation, Selection of Mini sprinklers for Nursery, operation of fogging systems, Irrigation and fertigation scheduling, Nutrient quantity and significance of NPK ratios

Er. Sachin Patil, Jain Irrigation Systems Ltd., Jalgaon

24.04.2020 Friday (Day 4)

Time: 1100 to 1230 hrs

General plant physiology for protected cultivation

Mr. Sandeep Babar, KVK, Baramati

Time:1600 to 1730 hrs

Crop selection and cultivation of exotic vegetables: Crops that can be cultivated economically in different protected structures, Economics for few potential crops, cultivation package for important vegetables

Mr. Ravindra Sawant, Rijk Zwaan India, Pune

25.04.2020 Saturday (Day 5)

Time:1100 to 1230 hrs

Cultivation of flowers under protected conditions

Dr. K. V. Prasad, Director, Directorate of Floricultural Research, Pune

Time:1600 to 1730 hrs

Pest and Disease Management in Polyhouse

Mr. Sanjay Kadam, Shriniwas Agro, Baramati

26.04.2020 Sunday (Day 6)

Time:1100 to 1230 hrs

Plant Protection: Measure to be taken for prevention of pest & diseases, Identification of important pest and disease and their control measures, Information of new molecules in market

Mr. Mukesh Shukla, Division, Marketing Lead, Syngenta India Ltd, Ahmadabad

Time:1600 to 1730 hrs

Marketing of Polyhouse produce- Marketing management and technique , Cost economics, B:C ratio.

Mr. Ashish Phadke, Sr. Marketing Manager, KF Bioplants, Pune

27.04.2020 Monday (Day 7)

Time:1100 to 1230 hrs

Net house utility as a low cost technology and subsidy guidelines: Different types of net houses, applications and economics, History of technical guidelines, present guidelines and future changes sought.

Er. Sandeep Dere, Dere Agro-Industries, Ahmednagar

Time:1600 to 1730 hrs

Government Schemes and documentation process for erection of protected cultivation structures

Mr. Hemant Jagtap, Principal, HAIPTC, Talegaon Dabhade, Pune

28.04.2020 Tuesday (Day 8)

Time:1000 to 1130 hrs

Farmers practical experience: To share live practical experience of successful farmer

- **Shri. Vijay Pawar, Progressive Farmer (color capsicum in polyhouse), Shelgaon**
- **Shri. Balasaheb Gadekar, Progressive Farmer (Rose cultivation), Talegaon Dabhade, Pune**
- **Shri. Prasanna Umap, Progressive Farmer (Cabbage cultivation), Amravati**
- **Shri. Tanaji Shingade/Tejas Bhong, Progressive Farmers, Bramati**

• **Time:1500 to 1615 hrs**

Strength, opportunities and future of Protected Cultivation in India

Er. Rajeeb Roy, Managing Director, Agriplast Tech India Pvt Ltd, Bangalore

• **Time:1615 to 1730 hrs**

Valedictory

Convenor

Dr. Prabhat Kumar, National Co-ordinator,
CAAST-National Agricultural Higher Education Project, ICAR, New Delhi

Co-Convenor

Dr. S. D. Gorantiwar, Principal Investigator, CAAST-CSAWM, and
Head, Dept.of Agril. Engg., MPKV, Rahuri, Maharashtra

Organizing Secretary

Dr. J. S. Pachpute, Co-Principal Investigator,
CAAST-CSAWM, Pune Sub-Campus and
Associate Professor, Section of Agril. Engg., College of Agriculture, Pune

Training Coordinators

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Er. Mohsin Tamboli, Research Associate (Computer),
CAAST-CSAWM, MPKV, Rahuri