

## WORKSHOP

on

## Protected Cultivation

Date: 6<sup>th</sup> June 2020

Resource Person:

**K.V. Ramana Rao**

SCIENTIST-G SERB

Department of Science and Technology

No. of Participants: 245

### About the Session:

The session gives a brief on the biotic and abiotic stress which is why the protected cultivation facilitates off-season cultivation. Under protected cultivation, there are no biotic agents that can harm a plant which means fewer uses of pesticides and insecticides. Benefits of Protected cultivation are; better quality produce, Off-season production, higher productivity, etc. Some of the commonly used practices are — forced ventilated greenhouse, naturally ventilated polyhouse, insect-proof net house, shade net house, plastic tunnel, and mulching, raised beds, trellising, and drip irrigation.

### Objectives:

- To introduce protected cultivation in offseason cultivation
- To introduce crops that are grown in different climatic conditions
- To introduce different intercultural activities to conserve water
- Reduced use of Pesticides

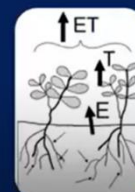
### Outcome:

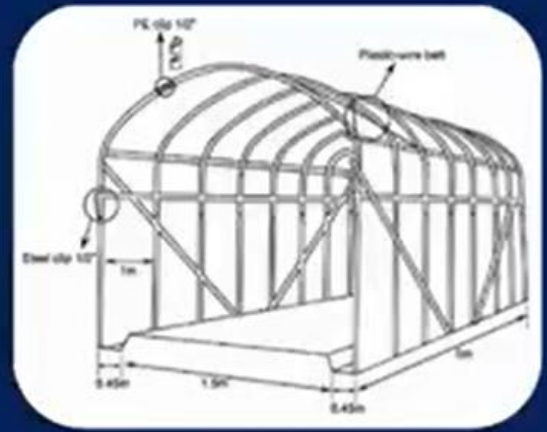
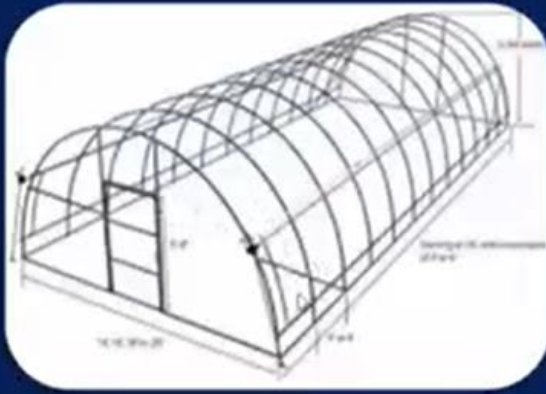
It could be utilized for the seed production of high-value vegetable crops. High productivity per unit area can be achieved through high-quality management. Easy to protect the crop against pest, diseases, and extreme conditions.



### What is CWR

- Depth of water needed to meet the water loss through ET by disease free crop growing in a large field under non restricted conditions





## WEBINAR ON

# Protected cultivation

*Organized by :*

Centurion University of Technology and  
Management

**Resource Person**

**K.V. Ramana Rao**

SCIENTIST-G SERB

Department of Science and Technology

Date: 19-06-2020

centurion university of technology and management  
*Shaping Lives... Empowering Communities...*

## FACULTY LIST

1	Mr.Rajguru Rajesh Raman Mishra	Asst.Prof
2	Dr.Bhairaba Kumar Majhi	Asst.Prof & HOD, Dept. Of Mathematics
3	Mr.Satyabrata Sadangi	Asst.Prof
4	Dr.Jayakishan Meher	Prof. & HOD, Dept. Of IT & BCA
5	Mrs.Monalisha Joshi	Asst.Prof
6	Ms. Asharani Dalei	Asst. Prof
7	Dr.Nilaya Kumar Mohanty	Asst.Prof & HOD, Dept. Physics
8	Mr.Gyanendra Kumar Mishra	Asst.Prof
9	Mrs.Meena Kumari Sahu	Asst.Prof
10	Mrs.Sasmita Pradhan	Asst.Prof

11	Dr. Prafulla Kumar Sahu	Prof.
12	Mr.Vijaya Kumar Meher	Asst.Prof
13	Mr. Dinesh Kumar Sharma	Asst.Prof
14	Mr.Ashish Kumar Meher	Asst.Prof
15	Mrs.Binapani Barik	Asst.Prof
16	Mr. Biswajeet Acharya	Asst.Prof
17	Mr.Swarnajeet Tripathy	Asst.Prof
18	Dr.Aswini Kumar Rath	Prof. Dept. of Botany
19	Mrs.Namita Panda	Asst.Prof
20	Dr.Jyotiprakash Rath	Asst.Prof
21	Dr.Shanatanu Bhattacharya	Asst.Prof & HOD, Dept. of Botany
22	Dr.Pratibha Rani Deep	Asst.Prof
23	Mr.Debashish Trpathy	Asst.Prof & HOD, Dept. of Zoology
24	Mr.Pankaj Meher	Asst.Prof
25	Mr.Sujit Kumar Mishra	Asst.Prof
26	Mr.Chinmayee Tripathy	Asst.Prof
27	Swapna nanda Rath	Professor
28	G. N. Inndresha	Professor
29	Firoz Ahmed	Professor
30	Dr.Aditya Kumar Purohit	Asst.Prof
31	Dr.Srikanta Moharana	Asst.Prof
32	Dr.Ashish Kumar Sarangi	Asst.Prof
33	DR CHANDANA ADHIKARI	ASST. PROF.
34	T. JAGANNATH PATRO	ASST. PROF.
35	BISWA RANJAN MISHRA	ASST. PROF.
36	SANGRAM KESHORI BISWAL	ASST. PROF.
37	MANORANJAN BADAJENA	ASST. PROF
38	ANUPAM SAHOO	ASST. PROF.
39	NILADRI SARKAR	ASST. PROF
40	Dr. Chandra Sekhar Patro	Professor
41	Dr. Gopal Krishna Padhy	Associate Professor
42	Dr. Nihar Ranjan Kar	Assistant Professor
43	Mr. Ladi Alik Kumar	Assistant Professor
44	Mr. Deepankar Rath	Assistant Professor
45	Mr. Sukanta Satapathy	Assistant Professor
46	Mrs. Kamini Sethy	Assistant Professor
47	Dr. Rajib Kumar Majhi	Assistant Professor
48	Dr. P. Srinivasa Rao	Professor
49	Mr. Mir Sadat Ali	Associate Professor
50	Dr. Sujit Mishra	Assistant Professor
51	Dr. Santosh Patro	Assistant Professor
52	Dr. Nagesh Kolagani	Professor
53	Dr. Dhawaleswar Rao CH	Associate Professor
54	Mr. Debendra Maharana	Assistant Professor
55	Mr. Md. Sameen Chishtis	Assistant Professor
56	Mr. Abinas Panda	Assistant Professor
57	Dr. Dillip Rout	Assistant Professor
58	Mr. Anshuman Pattanaik	Assistant Professor
59	Mr. Kirtidev Mohapatra	Asst. Professor
60	Jagannath Padhy	Assistant Professor
61	Tofan Kumar Nahak	Assistant Professor

62	N. Dibakar Choudhury	Assistant Professor
63	Dr. Debi Prasad Satapathy	Assistant Professor
64	Dr. Durga Prasad Padhi	Associate Professor
65	Dr. Kakani Grihalakshmi	Associate Professor
66	Dr. Parle Kalyan Chakravarty	Assistant Professor
67	Dr. S. Kameswar Rao	Assistant Professor
68	Dr. Tapas Bantha	Assistant Professor
69	Dr. Atanu Deb	Associate Professor
70	Dr. B. Narsimha Rao	Professor
71	Dr. Anant Tamang	Assistant Professor
72	Dr. Gouranga Ch. Mishra	Professor
73	Dr. Tanmoy Shankar	Associate Professor
74	Dr. Ashirbachan Mohapatra	Assistant Professor
75	Dr. V. Narsimha Reddy	Professor
76	Dr. K. Krishnam Raju	Associate Professor
77	Dr. Chandra Sekhar Dash	Professor
78	Dr. Chinmayee Dora	Asst. Professor
79	Jagannath Padhi	Professor
80	Dr. Abhinna Chandra Biswal	Professor
81	Dr. Sudhansu Kumar Samal	Associate Professor
82	Dr. Rajendra Kumar Khadanga	Associate Professor
83	Dr. Ardhendu Mouli Mohanty	Professor
84	Dr. Ramesh Chandra Mohanty	Professor
85	Dr. Laxman Kumar Malla	Asst. Professor
86	Dr. Nitesh Dhar Badgayan	Asst. Professor
87	Prajna Paramita Debata	Asst. Professor
88	Babuli Kumar Jena	Asst. Professor
89	Dilip Kumar Mohanta	Asst. Professor
90	Dr. Kapileswar Mishra	Professor
91	Dr. Kamal Kumar Barik	Associate Professor
92	Dr. Siba Prasad Mishra	Associate Professor
93	Sagarika Panda	Asst. Professor
94	Snigdha A Sanyal	Asst. Professor
95	Sadhana Devi	Asst. Professor
96	Vignesh M.	Asst. Professor
97	Mr. Vignesh	Assistant Professor
98	Dr. Sujata Chakravarty	Professor & HOD
99	Dr. Sangram Keshari Swain	Associate Professor
100	Dr. Sabyasachi Mohanty	Associate Professor
101	Dr. P Annan Naidu	Asst. Professor
102	Dr. Bhabendu Kumar Mohanta	Asst. Professor
103	Sasmita Kumari Nayak	Asst. Professor
104	Manoj Kumar Behera	Asst. Professor
105	Mamata Garanayak	Asst. Professor
106	Suwendu Kumar Nayak	Asst. Professor
107	Shivani Nanda	Asst. Professor
108	Raj Kumar Mohanta	Asst. Professor
109	Rakesh Kumar Ray	Asst. Professor
110	Shreela Dash	Asst. Professor
111	Nilamadhab Dash	Asst. Professor
112	Mamata P Wagh	Asst. Professor

113	Debaraj Rana	Asst. Professor
114	Dr. Prasanta Kumar Mohanty	Professor
115	Dr. Smita Mishra Panda	Professor
116	Dr. Susanta Kumar Mishra	Professor
117	Dr. Umakanta Nayak	Associate Professor
118	Dr. Pramod Kumar Patjoshi	Associate Professor
119	Dr. Bibhunandini Das	Associate Professor
120	Dr. Bhavyadeep Bhatia	Associate Professor
121	Dr. Ambika Sankar Mishra	Associate Professor
122	Dr. Madhumita Das	Asst. Professor
123	Dr. Sisir Ranjan Dash	Asst. Professor
124	Dr. Sabyasachi Dey	Asst. Professor
125	Dr. Girija Nandini	Asst. Professor
126	Saban Kumar Maharana	Asst. Professor
127	Dr. Ambika Sankar Mishra	Asst. Professor
128	Dr. Madhumita Das	Asst. Professor
129	Dr. Sabyasachi Dey	Asst. Professor
130	Supriya Pattanayak	Professor
131	K V D Prakash	Associate Professor
132	Dr. Chinu Bohidar	Asst. Professor
133	Abhijit Bandopadhyay	Asst. Professor
134	Dr. PASHMEEN KAUR	Asst. Professor
135	SURYANARAYAN (ICA)	Asst. Professor
136	Dr. Dipankar Bhattacharyay	Professor
137	Dr. Susanta Kumar Biswal	Professor
138	Dr. Dojalisa Sahu	Associate Professor
139	Dr. Ashish Kumar Sahoo	Asst. Professor
140	Dr. Arun Kumar Pradhan	Asst. Professor
141	Dr. Sarita Garnayak	Asst. Professor
142	Dr. Pratap Kumar Chhotaray	Asst. Professor
143	Dr. Bidyut Kumar Kundu	Asst. Professor
144	Dr. Shraban Kumar Sahoo	Asst. Professor
145	Dr. Atia Arzoo	Asst. Professor
146	Chittaranjan Routray	Asst. Professor
147	Suchismita Acharya	Asst. Professor
148	Dr. Prafulla Kumar Sahoo	Asst. Professor
149	Dr. Subrata Sarangi	Professor
150	Dr. Padmaja Patnaik	Associate Professor
151	Dr. Saubhgyalaxmi Behera	Associate Professor
152	Dr. Subhraraj Panda	Associate Professor
153	Dr. Tapan Dash	Associate Professor
154	Dr. Santosh Kumar Satpathy	Asst. Professor
155	Dr. Nibedita Nayak	Asst. Professor
156	Dr. Gangadhar Purohit	Asst. Professor
157	Dr. Ramchandra Mohanty	Professor
158	Prof. Aruna Kumari Mishra	Professor
159	Dr. G C Nanda	Professor
160	Dr. Ananta Bandhu Das	Professor
161	Dr. Sagarika Parida	Associate Professor
162	Dr. Gyanaranjan Mahalik	Asst. Professor
163	Dr. Rukmini Mishra	Asst. Professor

164	Mr. B. Chakrapani	Asst. Professor
165	Mr. Ajay Kumar Prusty	Asst. Professor
166	Ms. Basubadatta Sahu	Asst. Professor
167	Mr. Chandrasekhar Sahu	Asst. Professor
168	Ms. Kajal Samantara	Asst. Professor
169	Santilata Sahoo	Professor
170	Aruna Kumari Mishra	Professor
171	Anath Bandhu Das	Professor
172	Hemanta Kumar Patra	Professor
173	Dr. Tanuja Biswal	Professor
174	Dr. Narana Chandra Biswal	Professor
175	Dr. Arun Kumar Swain	Professor
176	Dr. Bairagi Chandra Behera	Professor
177	Dr. Maheswara Behera	Professor
178	Dr. Swapna nanda Rath	Professor
179	Dr. G. N. Inndresha	Professor
180	Dr. J. K. Panigrahi	Professor
181	Dr. Pranjaldv Roy	Professor
182	Dr. Feroj Ahmed	Professor
183	Dr. Subanini Pattnaik	Professor
184	Dr. Ajay Kumar Patra	Professor
185	Dr. Yashaswi Nayak	Associate Professor
186	Dr. Siba Prasad Parida	Associate Professor
187	Dr. Ranjan Kumar Sahoo	Associate Professor
188	Dr. Sitaram Swain	Asst. Professor
189	Dr. Gayatri Acharya	Asst. Professor
190	Dr. V. Parvati Sai Arun	Asst. Professor
191	Dr. Gagan Kumar Panigrahi	Asst. Professor
192	Dr. Bibhudutta Mishra	Asst. Professor
193	Tanuja Biswal	Professor
194	Narayan Chandra Biswal	Professor
195	Aruna Kumar Swain	Professor
196	Maheswara Behera	Professor
197	Dr. Mohammed Siddique	Associate Professor
198	Dr. Goutam Kumar Mahato	Associate Professor
199	Dr. Tumanath Samantara	Associate Professor
200	Dr. Swarnalata Jena	Associate Professor
201	Dr. Ajit Kumar Pradhan	Associate Professor
202	Dr. Biswanandan Dash	Associate Professor
203	Saubhagalaxmi Singh	Asst. Professor
204	Sasi Bhusan Padhi	Asst. Professor
205	SUBHASHEESH HOTA	Asst. Professor
206	UMA SANKARA SAHU	Asst. Professor
207	Sarat Kumar Jena	Asst. Professor
208	Saban Kumar Maharana	Asst. Professor
209	Gyana Ranjan Panigrahi	Asst. Professor
210	Varsha Singh	Asst. Professor
211	Shruti Rajwar	Asst. Professor
212	Sanjeev S. Koni	Asst. Professor
213	Dr. Gurudutta Pattnaik	Professor
214	Dr. Amulya Ratna Behera	Professor

215	Dr. Priyanka Dash	Asst. Professor
216	Chinmaya Chidananda Behera	Asst. Professor
217	Himansu Bhusan Samal	Asst. Professor
218	Suman Kumar Mekap	Asst. Professor
219	Prachirani Sahu	Asst. Professor
220	Dr Nityanada Sahoo	Assistant Professor
221	Omprakash Panda	Assistant Professor
222	Swagatika Das	Assistant Professor
223	Subhashree Das	Assistant Professor
224	Sunil Kumar Jha	Professor, Dean(SoPAH)
225	Dr. Soumya Jal	Associate Professor
226	Dr. Monali Priyadarsini Mishra	Asst. Professor
227	Ranitava Banerjee	Asst. Professor
228	Susmita Chakrabarty	Asst. Professor
229	Swagatika Dash	Asst. Professor
230	Lipsa Samal	Asst. Professor
231	Rudra Narayan Sahoo	Asst. Professor
232	Jyoshna Rani Dash	Asst. Professor
233	Nikunja B. Pati	Asst. Professor
234	Gyana Ranjan Parida	Asst. Professor
235	Haragouri Mishra	Asst. Professor
236	Vivek Barik	Asst. Professor
237	Dr. Nityananda Sahoo	Asst. Professor
238	Dr. Tapas Kumar Mohapatra	Asst. Professor
239	Dr. Santosh Kumar Ranjit	Asst. Professor
240	Arup Saha	Asst. Professor
241	Dr. Barsha Tripathy	Assistant Professor
242	Dr. Smaranika Mohanta	Assistant Professor
243	Dr. Subhrajyoti Chatterjee	Assistant Professor
244	Dr. Archana Mishra	Assistant Professor
245	Dr. Sunna Deepthi	Assistant Professor



Prof. KVD Prakash  
Dean - IIE & HRD