

15 days online experiential learning programme on “Design, planning and evaluation of watershed” was organized during June 16-30, 2020 by Soil and Water Engineering Department of College of Agricultural Engineering & Technology, JAU, Junagadh.

Department of Soil and Water Conservation Engineering, College of Agricultural Engineering and Technology, Junagadh Agricultural University, Junagadh has organized 15 days online experiential learning programme on “Design, planning and evaluation of watershed” from June 16-30, 2020. Total 42 students pursuing their B.Tech (Agril. Engg.) have participated in this training programme. The experts from academic institute, NGOs working on watershed, field functionaries and industries concerned to irrigation water management have been invited to train online the students. The details of training programme were as follow.

At the first outset, Dr. N.K. Gontia, Principal and Dean, CAET, JAU, Junagadh initiated the programme with his opening remarks and also shared his views on use of Remote Sensing technology in watershed management on July 15, 2020.

At the last instance, the valedictory functioned was organized on 30.06.2020. Dr. V.P. Chovatiya Saheb, Hon. Vice Chancellor, JAU, Junagadh chaired the function. Dr. N.K. Gontia, Principal and Dean, CAET, JAU, Junagadh, Dr. P.M.Chauhan, Registrar, JAU, Junagadh, Dr. H.D. Rank, Professor & Head, SWCE, CAET, JAU, Junagadh and Dr. K.C. Patel, Director (IT), JAU, Junagadh were remained present and graced the function. On this occasion, all the faculties of SWCE and students were remained present. The function was anchored by Prof. H H Mashru, Assistant Professor-SWE and it was ended with vote of thanks by him.

The painstaking efforts were made by Prof. H H Mashru, Assistant Professor-SWE for the successful completions of 15 days program.

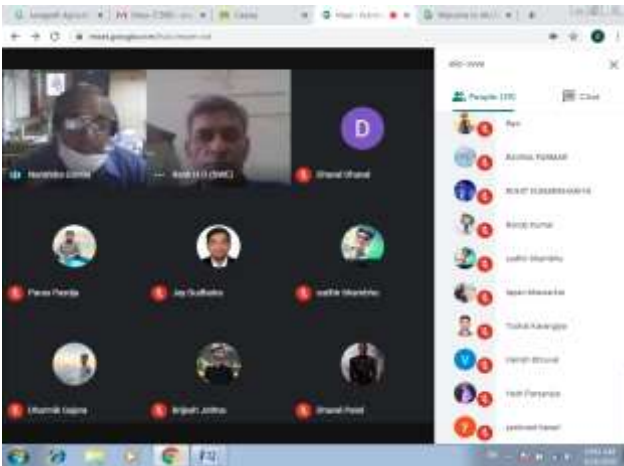
Date	Time	Topic	Speaker
16/06/2020	10.00 to 11.30	Remote Sensing Technology in Watershed Planning	Dr. N.K. Gontia Principal & Dean, CAET, JAU, Junagadh
	15.3 to 16.30	Water resources development and management in the coastal area : Experience sharing - Ambuja Cement Foundation	Er. Dalsukh Vaghasiya Senior Manager Ambuja Cement Foundation, Kodinar
17/06/2020	10.00 to 11.30	Role of civil society organization in watershed development	Er. Samir Mirza Project Manager Solidaridad, New Delhi
	15.30 to 16.30	Watershed Management Research Instrumentation	Dr. H.D. Rank Professor & Head, SWCE, CAET, JAU, Junagadh

18/06/2020	10.00 to 11.30	Management and efficient utilization of groundwater resources of Kutch region	Dr. Yogesh Jadeja, Director, ACT, Bhuj
	15.30 to 16.30	Water recharging technologies	Prof. P.B. Vekariya Assistant Professor, SWCE, CAET, JAU, Junagadh
19/06/2020	10.00 to 11.30	Drought analysis for watershed	Prof. P.A. Pandya Assistant Professor, JAU, Junagadh
	15.30 to 16.30	Soil and Water Conservation technologies	H. H. Mashru Assistant Professor, SWCE, CAET, JAU, Junagadh
20/06/2020	10.00 to 11.30	Irrigation and Fertigation Scheduling	Mr. B. Radadiya Asstt. Manager(A), NETAFIM, Vadodara
	15.30 to 16.30	Micro Irrigation System and its maintenance	Prof. R.J. Patel Assistant Professor, SWCE, CAET
22/06/2020	10.00 to 11.30	Introduction & Basic Drip Irrigation and its automation	Er. J.B. Karkar, Manager(TS), NETAFIM, Vadodara
	15.30 to 16.30	Dryland Agriculture technologies in watershed management	Dr. H.R. Vadar Associate Professor, DFRS, JAU, Junagadh
23/06/2020	10.00 to 11.30	Irrigation, Fertigation and its programming on automation system unit	Er. Y. Parekh, Executive (DFS) NETAFIM, Vadodara
	15.30 to 16.30	Water conservation technologies for sustainable watershed management	Dr. G.V. Prajapati Associate Professor, RTTC, JAU, Junagadh
24/06/2020	10.00 to 11.30	Fertikit and sensors Controllers & Dosing Machines	Er. J.B. Karkar, Manager(TS), NETAFIM, Vadodara
	15.30 to 16.30	PRA for watershed planning	Dr. P.V. Vyas Executive Engineer, Sardar Sarovar Punarvasvat Agency, Vadodara.
25/06/2020	10.00 to 11.30	Hydrological Modelling of Karnal Watershed of Bhadar Basin Using Ann and Swat	Dr. H. Y. Maheta Assistant Professor, PGIABM, JAU, Junagadh
	15.30 to 16.30	Thermal imaging for watershed management	Prof. P.A. Pandya Assistant Professor, JAU, Junagadh
26/06/2020	10.00 to 11.30	Smart Irrigation System Design	Er. Paresh Parasana General Manager, Irrilink Irrigation Ltd
	15.30 to 16.30	Remote sensing and GIS tools for crop water stress analysis	Dr. H.V. Parmar Associate Professor, SWCE, CAET, JAU, Junagadh
29/06/2020	10.00 to 11.30	Experience sharing by industrialist	Er. H.L. Rupareliya Rainmark Irrigation Industries
	15.30 to 16.30	Experience sharing by industrialist	Er. Rameshbhai Khichadiya Captain Polyplast, Rajkot
30/06/2020	10.00 to 11.00	Valedictory function	Dr. V.P. Chovatiya Hon. Vice Chancellor, Junagadh Agricultural University Junagadh

Following students were participated in the training programme.

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Glimpses of the training programme and valedictory function



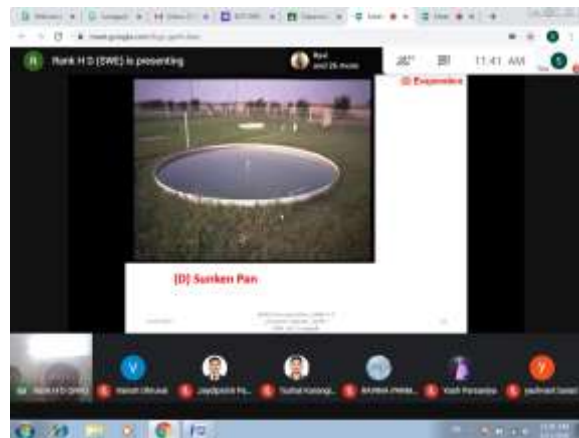
Dr. N.K. Gontia, Principal and Dean, CAET, JAU, Junagadh shared his views on use of Remote Sensing technology in watershed management



Er. Dalsukh Vaghasiya, Deputy General Manager Ambuja Cement Foundation, Kodinar described on Water resources development and management in the coastal area



Er. Samir Mirza, Project Manager, Solidaridad, New Delhi shared view on Role of civil society organization in watershed development



Dr. H.D. Rank, Professor & Head, SWCE, CAET, JAU, Junagadh highlighted on Watershed Management Research Instrumentation



Dr. Yogesh Jadeja, Director, ACT, Bhuj shared his views on Management and efficient utilization of groundwater resources



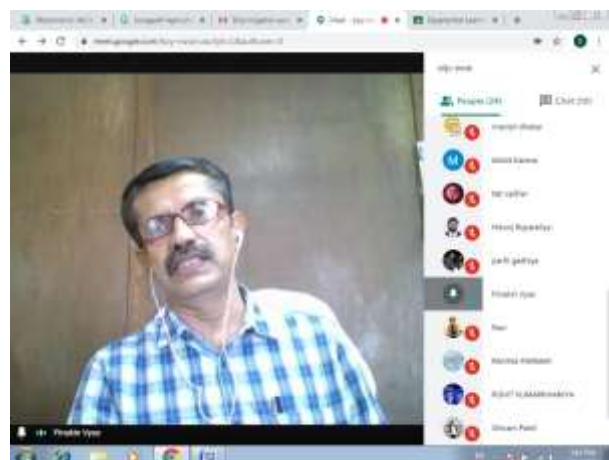
Prof. P.A. Pandya, Assistant Professor, JAU, Junagadh explained on Drought analysis for watershed



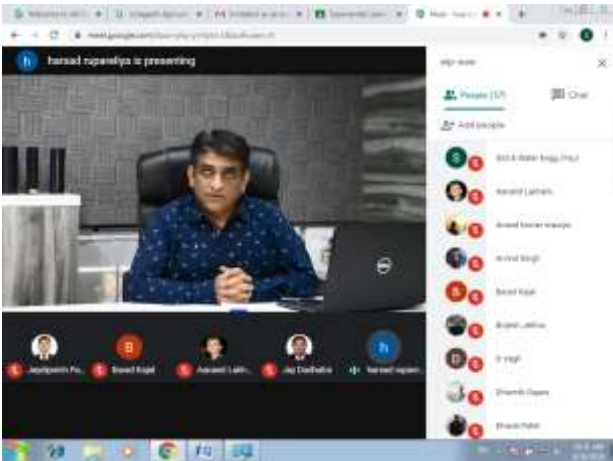
Er. J.B. Karkar, Manager(TS), NETAFIM, Vadodara shared his knowledge on automation and fertigation



Er. Paresh Parasana, General Manager, Irrilink Irrigation Ltd educated the students on Smart Irrigation System Design



Dr. P.V. Vyas, Executive Engineer, Sardar Sarovar Punarvasvat Agency, Vadodara shared ideas on PRA for watershed planning



Er. H.L. Rupareliya, Rainmark Irrigation Industries, Rajkot motivated the students for entrepreneurship and students virtually visited the industry



Valedictory function: Dr. V.P. Chovatiya Saheb, Hon. Vice Chancellor, JAU, Junagadh chaired the function. Dr. N.K. Gontia, Principal and Dean, CAET, JAU, Junagadh, Dr. P.M. Chauhan, Registrar, JAU, Junagadh, Dr. H.D. Rank, Professor & Head, SWCE, CAET, JAU, Junagadh and Dr. K.C. Patel, Director (IT), JAU, Junagadh were remained present and graced the function