

Progress Report of the Rural Development Department during July-September, 2020

A. Education and Training Programmes

I. Short Term Courses

Sr. No.	Oplan No.	Programme Title	Start Date	Ending Date	Coordinator Details	Course Fees	No. of the Participants
1	ICTO-128	Clean and Green Technologies for sustainable Development.	25/07/2020	29/07/2020	Prof. Poonam Syal	Rs.118/-	29
2	ICTO-121	Scope of Traditional and Vernacular Architecture and Rural and Eco Tourism in India.	27/07/2020	31/07/2020	Prof. UN Roy	Rs.118/-	25
3	ICTO-180	Climate Change, Disaster and Pandemic Management	17/08/2020	21/08/2020	Prof. UN Roy	Rs.118/-	20
4	ICTO-144	Clean Technologies for Sustainable Development.	17/08/2020	21/08/2020	Prof. Poonam Syal	Rs.118/-	35
5	ICTO-181	Rural Entrepreneurship and Start-Up	21/09/2020	25/09/2020	Prof. UN Roy	Rs.118/-	17
6	ICTO-199	Unnat Bharat Abhiyan and Technology Application	21/09/2020	25/09/2020	Prof. Poonam Syal	Rs.118/-	22

Total no. of participants trained in 6 courses is 148 .

II. Workshop

Sr. No.	Oplan No.	Programme Title	Start Date	Ending Date	Coordinator Details	No. of the Participants
1	ICTO-W-02	Role of RCIs and PIs in Promotion of Sustainable Rural Development in Aspirational Districts of India under Unnat Bharat Abhiyan through ICT (Video Conferencing)	16/07/2020	18/07/2020	Prof. UN Roy	400

B. Instructional Material Development

Name of the Team Member	Name of Course Content any developed	Video Scripts developed with Assignments and Quiz	Lab Manuals developed
Prof. Poonam Syal	PPTs on various topics related to Environment, Renewable Energy, Sustainable Development, Environmental Performance Index	-	-

C. Curriculum Development

All faculty members were actively involved in preparing curriculum for higher modules/PG Diploma.

D. Research and Development

PhD Guidance

Prof. Poonam Syal - 2 PhD Scholars (1 PhD Scholars candidate submitted thesis in September, 2020 (Guides – Prof. Sanjay Sharma & Prof. Poonam Syal))

ME Thesis Guidance

Prof. Poonam Syal – 1 Student (Mohit Kumar (Guides – Dr. Sulata Bhandari & Dr. Poonam Syal)
Masters in Electrical Engineering from Punjab Engineering College, Chandigarh)

Research Publications

Faculty	Sci routine Journals	Scopus index Journals	UGC/AICTE Approved Journals	Any Other Journals	Total
Prof. Poonam Syal	-	-	1	-	1

Details of Publications

1. Mohit Kumar, Sualta Bhandari, Poonam Syal, "Fuzzy Logic based Optimized Irrigation Scheduling for Improved Water Management in Agriculture", Sambodhi, Vol 43, No. 3, pp. 272-280, July-September 2020 (UGC Care Journal)

Research Project/Sponsored Project in progress

- **Unnat Bharat Abhiyan (RCI & PI) (SP-19)** – Dr. UN Roy/Dr. Poonam Syal/ Dr. HK Vinayak/ Dr. Amit Goyal - Monitoring and guidance to 75 PIs in Punjab and Chandigarh and Reporting activities of PIs to IIT Delhi.

E. EXTENSION SERVICES AND CONSULTANCY

Extension Services Project	Date(s) / Period	Remarks
1. Prof. Poonam Syal - Delivered expert lecture on “Renewable Energy Sources – An Overview” during TEQIP-III sponsored online FDP on Recent trends in Renewable Energy held from 10/09/2020 to 12/09/2020 organised by Rajasthan Technical University, Kota and Sri Balaji College of Engineering & Technology (SBCET), Jaipur	10 September, 2020	Completed
2. Prof. UN Roy – Delivered expert lecture on “Climate Change, Pandemic and Disaster Management” for the faculty and students of Govt Polytechnic Bhojpur and Govt Polytechnic, Patna	7th July 2020	Completed
3. Prof. UN Roy – Delivered expert lecture on “Role of Life Sciences and Technologies for Sustainable Rural Development” in Two Day National Webinar on “Integrated strategies for Biodiversity & Ecological Restoration ” organized by Department of Zoology, (Under the Aegis of IQAC) Samrat Prithviraj Chauhan Government College, Ajmer August 25-26th 2020	25th August 2020	Completed
4. Prof. UN Roy – Delivered expert lecture on “Climate Change and Disaster Management” for Gulzar Group of Institution, Ludhiana	10th September	Completed
5. Prof. UN Roy – Delivered expert lecture on “Innovative Organic Farming for Income Generation” in two days webinar on Smart Agriculture for RTU, Kota and Sawai Madhopur College of Engineering and Technology	12th September 2020	Completed
6. All RD Faculty Members - Guidance to CDTP Polytechnics – 155 Nos.	In Progress	In Progress

Other Activities

1. Dr. UN Roy attended the BOG Online Meeting as BOG Member of Motihari College of Engineering, Furshatpur Bariyarpur, Motihari, Bihar	5 th September-2020
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