

DEPARTMENT NAME: RURAL DEVELOPMENT DEPARTMENT

PROGRESS REPORT FOR THE MONTH OCTOBER 2021 TO DECEMBER 2021

I. Details of ME Programs

ME Subjects	Batches	Name of the Faculty
Energy Management	ME Electrical Engg. (Instrumentation & Control) Regular 2020 Batch	Dr. Poonam Syal
Optoelectronic Instrumentation	ME Electrical Engg. (Instrumentation & Control) Modular 2019, 2020 and 2021 Batches	Dr. Poonam Syal

II. STUDENT TRAINING Organized

Sr. No.	Name of the Course Along-with dates & place	No. of weeks	Participation		Total No. of Participants
			Poly	Engg.	
	-	-	-	-	-

B. INTERNATIONAL CONFERENCES Organized

Sr. No.	Name of the Seminar/Conference	No. of Participants
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C. NATIONAL CONFERENCES ORGANIZED:

Sr. No.	Name of the Seminar/Conference	No. of Participants
-	-	-

III. WORKSHOPS CONDUCTED (OTHER THAN CURRICULUM DEVELOPMENT WORKSHOPS):

S. No.	Name of the Workshop along with venue	Dates	No. of Participants
1.	Technology Awareness Program at Haripur Village, Ropar (Punjab) under UBA	18 th November, 2021	105
2.	Technology Awareness Program at Hirdapur village, Ropar (Punjab) under UBA	30 th November, 2021	55
3.	Online Workshop for Preparation of O-Plan for the year 2022-23 for Rajasthan State	9 th December, 2021	118
4.	Online Workshop on Technology Dissemination	16 th December, 2021	17

IV. INSTRUCTIONAL MATERIAL DEVELOPMENT

Sr. No.	Type of Instructional Material Developed	Author(s) / Team	Project Completed In progress	Specific Achievements during the year	Target date of completion
PRINT MATERIAL					

NON-PRINT MATERIAL					

INSTRUCTIONAL MATERIAL DEVELOPMENT

Type of Instructional Material	No. Completed during 2020-21	Remarks (if any)
PRINT :		
Text Books		
Lab. Manuals		
Teachers' Manual		
Modules		
Readers		
Any other (Please specify)		
NON-PRINT :		
Video Films		
CAI Packages		
Experimental Kits		
Charts		
Any other (Please specify)		

Information above to be given only in case of completed Learning Resources. Title of the material(s) (topics/subjects as the case may be) should also be given.

V. CURRICULUM DEVELOPMENT

- A. CURRICULA DESIGNED:
- B. CURRICULA REVISED:
- C. CURRICULUM DEVELOPMENT WORKSHOPS:

Sr. No.	Name of Curriculum	Number of Subjects/Course	Beneficiary States	Participation		
				Poly.	Ind.	Others

VI. RESEARCH AND DEVELOPMENT

Sr. No.	Name of Project	Team	Beneficiary State	Status of Project completed/ In progress	Specific work done during the year	Target date of completion
A. RESEARCH STUDIES						
B. DEVELOPMENT PROJECTS						
	Unnat Bharat Abhiyan (RCI and PI)	Dr. HK Vinayak/ Dr. Poonam Syal/ Dr. Amit Goyal	Punjab and Chandigarh	Under Progress	Organised 6 Workshops & 2 Technology Awareness Programs , Poster and Video Competition at RCI level Punjab	March,2026

VII. TRAINING PROGRAMMES ATTENDED BY THE INSTITUTE FACULTY/STAFF

Sr. No.	Title of Training Program	Period of Training	Venue	Attended by
1	UBA - NCI IITD special webinar for Tribal Week, "Understanding Various Modes Of Tribal Development Protecting their Indigenous Culture from External Influence" Role of Unnat Bharat Abhiyan". YouTube Link:https:// you tube/wmZ0dJ6hoD4	24th November 2021.	Online	Dr Hemant Kumar Vinayak
2	National level workshop on "Engagement of Higher Education Institutions in UBA	2-3 December 2021	NIRD, Hyderabad,	Dr. Hemant Kumar Vinayak

VIII. IN-HOUSE TRAINING PROGRAMMES

Sr.No.	Title of Training Program	Period of Training	Attended by
1.	Training on Google Workspace for Education Plus for Educators by Harsimran Singh	24 th Nov, 2021,	Dr . Hemant Kumar Vinayak

IX. OTHER CONTRIBUTIONS INCLUDING INDIVIDUAL CONTRIBUTION

A. PATENTS/COPYRIGHT

Sr. No.	Name of Patents/Copyright	Author (s) Name

B. PAPERS PUBLISHED BY THE INSTITUTE FACULTY: SCI JOURNAL

Sr. No.	Name of the Paper Published	Author (s) Name

C. PAPERS PUBLISHED BY THE INSTITUTE:

INTERNATIONAL JOURNAL OTHER THAN SCI JOURNALS

Sr. No.	Name of the Paper Published	Author (s) Name
1.	International Journal of Engineering Trends and Technology "An improved current control charging scheme using Neuro-Fuzzy and FOPD based MPPT system for EV charging" Volume 69, Issue 10, October, 2021, pp. 251-257 (Scopus Indexed)	Ravindra Pancharia, Poonam Syal

D. PAPERS PUBLISHED BY THE INSTITUTE FACULTY:

NATIONAL JOURNAL

Sr. No.	Name of the Paper Published	Author (s) Name

E. PAPERS PUBLISHED / PRESENTED IN:

INTERNATIONAL CONFERENCES/SEMINARS

Sr. No.	Title of the Paper Presented/Accepted along-with a Name of the Conference/Seminar (venue, with date)	Author (s) Name
1.	International Conference on Innovative Technologies for Clean and Sustainable Development (ICITCSD – 2021) "Cost Benefit Analysis of Retrofitting for Existing Building as Net Zero Energy Building: A Case Study in Composite Climate Zone" October 14-15, 2021, organized by Chitkara University, Himachal Pradesh and NITTTR, Chandigarh.	Aditya Punia, Sanjay Kumar Sharma, Poonam Syal

NATIONAL CONFERENCES/SEMINARS

Sr. No.	Title of the Paper Presented/Accepted along-with a Name of the Conference/Seminar (venue, with date)	Author (s) Name

F. ANY OTHER ACTIVITIES:

i) Virtual Alumni Meet held on 6th December, 2021

S. NO.	Name of the Program	DATE	Coordinator & Team Members	No. of Participants
1.	Organized 10 th Annual Alumni Meet Alumni Meet	06/12/2021	Dr .Poonam Syal (Coordinator) Dr. Balwinder Raj, Dr. Ritula Thakur, Dr. Kanika Sharma, & Dr. Mala Kalra	80

ii) Dr. Poonam Syal - Chief Guest and Keynote Speaker on Energy Conservation Day held on 14 December,2021 at Indo Global Group of colleges, Abhipur, Mohali.

DEPARTMENT NAME: RURAL DEVELOPMENT DEPARTMENT

ANNUAL REPORT FOR THE MONTH

II. Details of ME Programmes

ME Subjects	Batches	Name of the Faculty
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II.

A. STUDENT TRAINING Organized

Sr. No.	Name of the Course Along-with dates & place	No. of weeks	Participation		Total No. of Participants
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	-	-	-	-	-

B.. INTERNATIONAL CONFERENCES Organized

Sr. No.	Name of the Seminar/Conference	No. of Participants
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C. NATIONAL CONFERENCES ORGANIZED:

Sr. No.	Name of the Seminar/Conference	No. of Participants
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III WORKSHOPS CONDUCTED (OTHER THAN CURRICULUM DEVELOPMENT WORKSHOPS):

Sr. No.	Name of the Workshop alongwith dates and venue		No. of Participants
1	Challenges and issues of adopted villages under UBA	4 th June 2021	24
2	Linking UBA – Punjab Activities with Sambandh Portal of Punjab and Solutions for waste management and pond cleaning	24 th June 2021	39
3	Unnat Bharat Gram Arogya Series	28 th June 2021	255
4	Plan of action for next 5 year under UBA	4 th August, 2021	22
5	Online Workshop on 'Covid-19 Management and Rural Business Model'	17 th August 2021	19
6	Technology Dissemination	16 th December, 2021	17
7	Technology Awareness Program at Haripur Village, Ropar (Punjab) Under UBA	18 th November, 2021	105
8	Technology Awareness Program at Hirdapur village, Ropar (Punjab) Under UBA	30 th November, 2021	55

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VII. TRAINING PROGRAMMES ATTENDED BY THE INSTITUTE FACULTY/STAFF

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2	National level workshop on "Engagement of Higher Education Institutions in	2-3 December 2021	Rural Development" NIRDPR, Hyderabad,	Dr Hemant Kumar Vinayak
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Sr.No.	Title of Training Programme	Period of Training	Attended by
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J. PAPERS PUBLISHED BY THE INSTITUTE FACULTY: NATIONAL JOURNAL

Sr.No.	Name of the Paper Published	Author (s) Name

K. PAPERS PUBLISHED / PRESENTED IN: INTERNATIONAL CONFERENCES/SEMINARS

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NATIONAL CONFERENCES/SEMINARS

Sr.No.	Title of the Paper Presented/Accepted alongwith a Name of the Conference/Seminar (venue, with date)	Author (s) Name

L. ANY OTHER ACTIVITIES:

Coordination for Poster and Video Competition at level of Regional Coordinating Institute
Unnat Bharat Abhiyan SP-63 Punjab level June – August, 2021

64 Posters
27 Video films

WORKSHOPS CONDUCTED (OTHER THAN CURRICULUM DEVELOPMENT WORKSHOPS):

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TRAINING PROGRAMMES ATTENDED BY THE INSTITUTE FACULTY/STAFF

Sr.No.	Title of Training Programme	Period of Training	Venue	Attended by
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