

Department of Rural Development



**NATIONAL INSTITUTE OF TECHNICAL TEACHERS
TRAINING & RESEARCH**

SECTOR 26, CHANDIGARH

VISION

To be a Centre of Excellence for promoting education, training, research and providing extension services in the area of rural development through effective implementation of Community Development Through Polytechnics Scheme and other Programmes of Govt. of India.

MISSION

- To organize education and training programmes in the area of rural development for the faculty and staff of technical education system and rural development organizations for up gradation of their knowledge and skills.
- To organize education and training programmes in the area of rural development, and sustainable development for the students of Masters in Rural Development/Management, Rural Technology.
- To develop instructional materials in the area of rural development to increase the effectiveness of teaching-learning process.
- To provide extension and consultancy services to MoE, MSDE, DTEs, technical and higher education system organizations working for rural development and Unnat Bharat Abhiyan Project.
- To undertake research and development in the field of rural development.
- To extend services to MoE, MSDE and AICTE in formulating policies pertaining to rural and skill development.

The Department of Rural Development was established in the year 1978-79 with main purpose to implement the centrally sponsored Scheme of Community Polytechnics. The department has primarily worked for effective implementation of the Scheme of Community Polytechnics and over the years it has emerged as a Resource Centre in the field of community development. The department played a pivotal role in launching the revamped Scheme of Community Development Through Polytechnics (CDTP) and facilitating its effective implementation in Northern Region since 2009. The major activities of the department are as follows:

- Staff Development Programmes
- Curriculum Development
- Development of Print and Non-print instructional material
- Extension Services and Guidance to Polytechnics
- Research and Development
- Liaisoning with MoE, MSDE, GoI, NITTTRs and State Directorates of Technical Education

Recognised Resource Centre of Social Sector Schemes for MoE and MSDE

The Department facilitates implementation of the following social sector schemes of Ministry of Education and Ministry for Skill Development and Entrepreneurship, Government of India.

Scheme of Community Development Through Polytechnics

The broad objective of the scheme is to bring about the benefit of science and technology reach to the rural areas specially for SCs/STs/OBCs/ Minorities/Women/Economically weaker sections of the society/School dropouts/ Disabled etc. At present, there are 155 polytechnics implementing the CDTP scheme in Northern Region.

Unnat Bharat Abhiyan Project

It is a flagship program of Ministry of Education with an objective to engage higher educational institutions for rural development through identifying issues and challenges at grassroot level and working on appropriate solutions by selecting a cluster of five villages initially. At present more than 85 Participating Institutes in Punjab state and Chandigarh are the part of Unnat Bharat Abhiyan Project under our Regional Coordinating Institute of UBA. Our institute is also Participating Institute under UBA and has selected five villages for development activities in Punjab state.

Facilities and Infrastructure

Major facilities and infrastructure of the department includes:

Rural Technology Display Centre

The department has disseminated various technologies for rural development like bio-gas technology, vermiculture, organic farming, smokeless chulha and improved chulhas, Solid Waste management, phyto- remediation technology for waste water treatment, rainwater harvesting, solar appliances, improved agricultural devices, ferro-cement technology, bee-keeping etc.

Education & Training

Department offers community development related training programmes in the areas like rural sanitation, low cost construction technologies, renewable energy sources, watershed management, organic farming, disaster management, rural entrepreneurship, micro enterprises, skill development and capacity building of rural people, empowerment of marginalized and rural women, sustainable development, planning and management of CDTP activities. The department has started PhD program in Rural Development in collaboration with Department of Inter-Disciplinary Studies, H P University Shimla.

Curriculum Development

The department has developed about forty numbers of curricula for popular vocations. The curricula have been revised from time to time catering to the needs of polytechnics implementing the CDTP scheme. The major focus has been given on multi-skilling approach to improve the quality of training and employability of the trainees.

Research & Development and Consultancy

The department has conducted a number of field based research projects in the field of rural sanitation and environment, renewable energy, low cost construction, agriculture waste management, organic farming, vermiculture, waste water treatment and Biogas Technology etc.

National Conferences/Seminars/Workshops

The department has been organizing national level conferences, seminars and national and regional level workshops from time to time on contemporary issues and themes related to sustainable rural development.

Print and Non-Print Instructional Material

Faculty of the department has published seven numbers of books on Appropriate Technology, Watershed Management, Sustainable Rural Development, Employment and Productivity in Informal Sector, Empowering the Disabled, Vocational and Technical Education for the disabled. The faculty has also produced 57 educational video films related to rural development, various appropriate technologies and for the empowerment of the disabled through technical and vocational education.

Director



Prof. Dr. Shyam Sundar Pattnaik

M.Sc. Physics (Electronics spl.), M.Tech. (Electronics and Communication Engineering),
PhD (Engineering - Electronics & Telecommunication Engineering)

Faculty



Dr. Poonam Syal

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