

NOMINATION FORMAT

Title of the Course: ToT on Geospatial
Technologies in Rural Development
May 23-27, 2022

Last date of receiving nomination: May 15, 2022

1. Name of the participant:
2. Course for which Nomination submitted:
3. Designation & present assignment:
4. Deptt. / Organization:
5. Address for communication:

E-mail:

Telephone: (O)..... (R).....

(M)..... Fax:

6. Age:

7. Educational Qualification:

8. Whether attended program conducted by
NIRD&PR:

Date : Signature of the sponsor
Place : with office seal

PROGRAMME ON

ToT on Geospatial Technologies in Rural
Development
May 23-27, 2022

COURSE BROCHURE

LAST DATE OF RECEIVING NOMINATIONS
May15, 2022



**NATIONAL INSTITUTE OF RURAL DEVELOPMENT &
PANCHAYATI RAJ
NORTH EASTERN REGIONAL CENTRE
NIRD LANE, NH-37,
JAWAHARNAGAR, KHANAPARA
GUWAHATI - 781 022**

Introduction

Rural development implies bring about of economic betterment of people as well as greater social equity and transformation. The key elements concluded in it are elimination of poverty, ignorance, diseases and inequality in livelihood opportunities and provision of connectivity, services and amenities for better and higher quality of life. Creation of social and economic environment, physical environment and rural services and amenities thus are critical for rural development.

The geospatial technologies including Remote Sensing (RS), Geographic Information System (GIS) and Global Positioning System (GPS), individually as well as jointly besides various applications have emerged as critical information and decision support tools enabling management authorities to make effective management decisions. In line with such development, Ministry of rural development, government of India has made application of geo-spatial technologies and mobile applications for planning and monitoring of rural development programmes/schemes like MGNREGA, PMKSY, GPDP, PMAY (G), PMGSY, NRDWP and SBM etc. It is in this context, the present course is proposed in NIRDPR-NERC, Guwahati.

Objectives

- ❖ To introduce basics of Geo-spatial technology (GIS, RS&GPS).
- ❖ To orient with the various web based geospatial applications in Rural Development (RD) programmes.
- ❖ To acquaint with GPS survey and Geotagging of assets under various RD Programmes

- ❖ To impart hands-on exercise on Geospatial data visualisation and mapping for RD programmes.

Programme Content

The Programme would broadly cover the Concepts of Space technology, Introduction to QGIS software for mapping of resources for RD schemes, Technical Know How: ICT tools and their applications in Rural Development, Applications of ISRO Bhuvan in RD, Introduction & Demonstration of Gram Manchitra, Introduction and Demonstration of GPS for Geo-tagging of assets, Mobile applications for monitoring of assets under Rural Development Programmes, Online GIS mapping applications for RD, Introduction & Demonstration of Uktdhara portal and Downloading, processing and mapping of GPS data using QGIS software etc.

Participants Level:

Faculties from SIRDPRs and ETCs.

Course Director:

Dr. A. Simhachalam

Course Fee: There is no course fee.

Scheduled Dates and Duration

May 23 – 27, 2022: (05 days)

Travel

The to and fro travelling expenditure of the participants including local conveyance will have to be borne by the nominating authorities.

Venue

National Institute of Rural Development & PR - NERC,
Jawaharnagar, Khanapara,
Guwahati – 781022.

Board & Lodging

Free board and lodging will be provided to all participants in the NIRDPR-NERC's Guest House. Such provision for other than the participant is not available.

NOMINATIONS

Nominations in the prescribed format should reach the address given below

Nomination form duly filled in to be returned to:

The Course Director
National Institute of Rural Development & PR
- NERC,
Jawaharnagar, Khanapara,
Guwahati – 781022
Mobile: +91-8876323499
Email: asimhachalam.nird@gov.in