

NOMINATION FORMAT

Title of the Course: Application of Geo Spatial Technologies for Planning and Management of MGNREGS (July 23-27, 2018)

Last date of receiving nominations: **July 15 2018**

Nomination form duly filled in to be returned to:

The Director
State Institute of Rural Development &
Panchayati Raj
Pang-han Leirak, Imphal, Manipur 795005
Phone: Phone: 0385-2445469 (Office & Fax)
Email: sird_manipur@rediffmail.com
nirdghy@gmail.com

1. Name of the participant:
2. Designation & present assignment :
3. Department/Organization :
4. Address for communication:
With telephone Nos.

Tel.: (0) Fax:

(M)

Email:

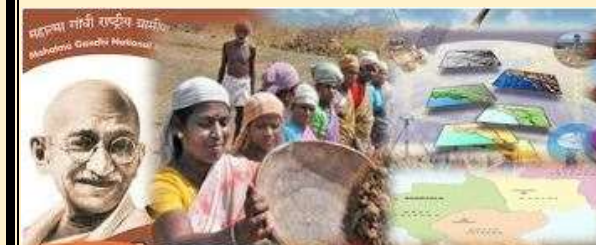
5. Age :
6. Educational Qualification :

Date : Signature of the sponsor
Place : with office seal



COURSE ON APPLICATION OF GEO SPATIAL TECHNOLOGIES FOR PLANNING AND MANAGEMENT OF MG-NREGS

(July 23-27, 2018)
Venue: SIRDPR, Imphal, Manipur



COURSE BROCHURE

Last Date of Receiving Nominations
(July 15, 2018)



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

INTRODUCTION

Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) has been the flagship programme of the Ministry of Rural Development, Govt. of India. The scheme is under implementation since 2006-07. Apart from providing guaranteed employment of 100 days for rural household willing to do unskilled manual work, creation of assets and infrastructure improving the quality of land, water and vegetation cover are the other objectives of MGNREGA. A five year perspective plan incorporating the choice of the villages at Gram Panchayat, Block and District Level is the mandatory need of programme implementation. While there is MIS system reporting the progress of implementation of the scheme online; the digital database depicting the assets and infrastructure planned and implemented by their location remains as a gap to be fulfilled yet. It is in this context, the application of GIS comes into the picture. GIS is a powerful tool and is capable of generating and integrating spatial data (Geographically related data) and non-spatial data into single platform as well as presenting the same into the form of state-of-the-Art Map. Realizing the need of the task and the utility of GIS, the present course is designed to fulfil the following objectives:

OBJECTIVES

1. To develop appreciation about need for accurate, up-to-date and location based information system for implementation of MGNREGA.
2. To acquaint participant with various hardware and software requirement for generation of Geographical Information System.
3. To acquaint participants with various data sources (topomaps, satellite image, Soil map, geologic map, etc) and tools (GPS) for

information generation / extraction using GIS software.

4. To develop working skill in the generation / extraction of spatial & non-spatial database and their analysis using GIS software.

CONTENTS

About MGNREGA

- The Act
- Permissible categories of work
- Perspective Plan

About Spatial Technology

- GIS
- Remote Sensing and
- GPS

About GIS Development

- Setting data requirement
- Data Models (Spatial, Non-spatial)
- Data Sources and Types
- Collection/extraction of data (input data)
- Output generation and application

About Application of Software

- Operational skill for running GIS software - ArcGIS and handling of GPS
- Generation/extraction skill of spatial/ non-spatial database
- Application of Remote Sensing data.
- Analysis skill to get output data.

Hands on Practice on Spatial Technology

- ArcGIS
- GPS

TRAINING METHODOLOGY

1. Lectures – cum – discussions.
2. Hands on practice on GIS Software.
3. Case studies.
4. Field survey with GPS.

PARTICIPANTS LEVEL

The course is intended for PDs, CEOs & Engineers of DRDAs and ZPs, faculty of SIRDs, ETCs, and district level officers from line Departments involved in the implementation of MGNREGA.

COURSE DIRECTORS

Mr. A.Simhachalam : 8876323499 (M)
& SIPARD's Faculty

COURSE FEE: There is no course fee.

SCHEDULED DATES AND DURATION

July 23-27, 2018: (05 days)

BOARD & LODGING

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

TRAVEL

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

VENUE

State Institute of Rural Development & Panchayati Raj
Pang-han Leirak, Imphal, Manipur 795005
Phone: Phone: 0385-2445469 (Office & Fax)
Email: sird_manipur@rediffmail.com

NOMINATIONS

Nominations in the prescribed format should reach the SIRDPR, Manipur on or before 15th July, 2018.