

No. M-11011/02/2016-RE-VII
Government of India
Ministry of Rural Development
Department of Rural Development
MGNREGA Division
GeoMGNREGA

Krishi Bhawan, New Delhi

Dated: 25th August, 2017

To,

Principal Secretaries/ Secretaries of all States / UTs
Department of Rural Development/ Panchayati Raj (In charge of MGNREGA)

Subject: GeoMGNREGA Phase -II Preparation of Training Calendar

Dear Sir/Madam,

A two-day National Orientation Workshop and Training Programme on GeoMGNREGA Phase-II for training the GeoMGNREGA Regional Resource Persons (GMRRP) was conducted on 21-22 August 2017 at NIRD&PR, Hyderabad. GeoMGNREGA Phase-II will likely roll out in 32 GIS Pioneering Districts (GPDs) nominated by the states based on their site readiness both in terms of resources, connectivity and manpower preparedness on 1st September 2017. Following decisions were taken during the workshop: -

(i) Testing of GeoMGNREGA Phase-II mobile application and web portal will be carried out by the respective states in the GeoMGNREGA Testing Sites(GTS) of the GeoMGNREGA Pioneering District(GPD). **The States/UT's should send their feedbacks on the GeoMGNREGA Mobile Application and Bhuvan Web Portal latest by 29th August 2017.**

(ii) **GeoMGNREGA Phase-II training in the GPD should be completed by 30th August 2017.** The GeoMGNREGA Regional Resource Person (GMRRP) trained at NIRD&PR, Hyderabad on 21-22 August 2017 will in turn train the GeoMGNREGA Pioneering District Champion(GPDC), GIS Asset Supervisor(GAS) and MGNREGA Spatial Enumerator(MSE).

2. The training programme will be conducted in a cascading manner. The GMRRPs trained by the State/SIRD will conduct training at the State Level for the State GIS Nodal Officer (SGNO), District GIS Nodal Officer (DGNO), and the GIS Pioneering District Champions (GPDC)/GeoMGNREGA Block Champions(GBC). These GPDC/GBC will further train the GIS Asset



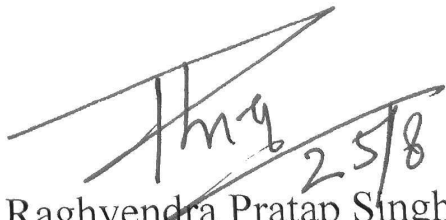
Supervisor(GAS) and MGNREGA Spatial Enumerator(MSE). A detailed training plan is attached as Annexure-I.

3. National Institute of Rural Development & Panchayati Raj(NIRD&PR) will coordinate the GeoMGNREGA Phase-II training programme as per their institutional norms. All States/UT's must share the training calendar (format attached as Annexure-II) by 31st August 2017 for the trainings to be conducted on GeoMGNREGA Phase-II in all districts. The Ministry will provide necessary capacity building and training support to all the field functionaries on receipt of the training calendar.

4. All States/UT's must identify certain works (minimum 1 work) in the GPD which can start with respect to 1st September 2017 so that GeoMGNREGA Phase-II rolls out in all GPDs of the country. The list of works to be started in the GPD on 1st September 2017 for rollout of GeoMGNREGA Phase-II should reach the Ministry latest by 30th August 2017.

All the above said information must be sent to ministry at team@geomgnrega.in

The implementation for GeoMGNREGA Phase-II is planned to be executed in a very short duration, the project is extremely time bound and critical. We solicit your cooperation and timely action.


Raghvendra Pratap Singh
Director(MGNREGA)

Enclosures: As above

Copy to:

1. PS to Joint Secretary (RE)
2. Director General, NIRD&PR
3. Dr. K. M. Reddy, Group Head (PPEG & RDWMD), NRSC

Training and Capacity Building Under GeoMGNREGA Phase-II

1. Training Modules

The Trainees will be exposed to the geospatial technology's basic concepts, tools, techniques, processes and methodologies of GIS data capturing, capturing geographical positional data through GPS/ Smartphone, asset geo-tagging, integration of geospatial data, etc. The trainees will also be trained in rigorous hand holding of practical applications in mobile data collection, use of geospatial technology, GIS based analysis, and other applications related to the project. The training programme will include theory, hand holding and practical demonstration and usage of the mobile for field data capturing. The training programme will comprise of the following modules: -

- Basics about GIS and Geotagging, handling geographical information
- Roles and Responsibilities of the Functionaries
- Module on NREGASoft
- Module on Geotagging using GeoMGNREGA Mobile Application
- Module on Moderation/Validation using GeoMGNREGA Bhuvan Portal
- Module on GeoMGNREGA Dashboard on Bhuvan Portal
- Janmanrega application overview

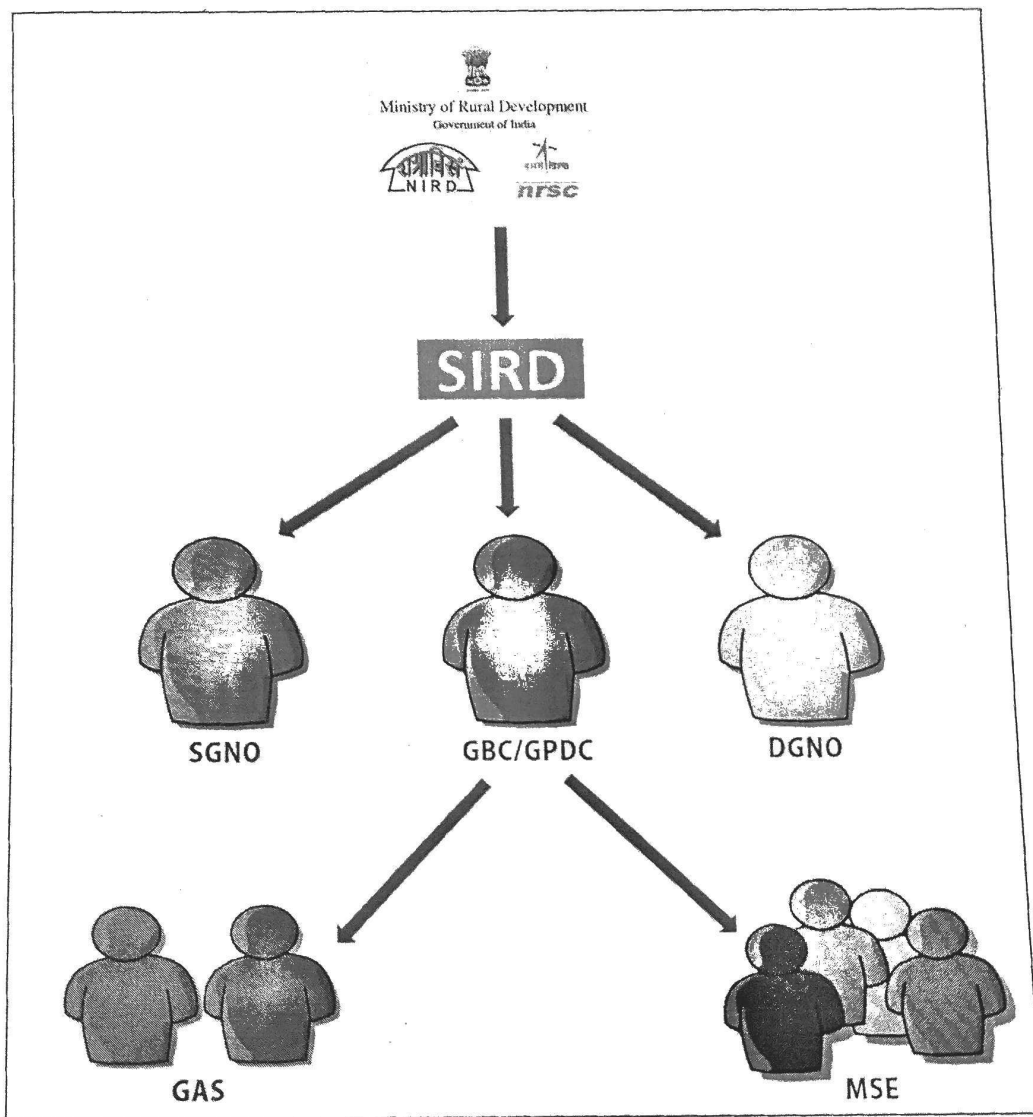
2. Training Process

Training and capacity building are an integral part of the GeoMGNREGA Phase-II implementation primarily because of its dependency on information technology. Therefore, change management for creating and updating information on MGNREGA works/assets using GIS based mobile application and web portal is extremely essential and requires detailed training manual and handholding support.

Training on NREGASoft, GeoMGNREGA mobile application and GeoMGNREGA Bhuvan web Portal to all the relevant functionaries will be undertaken by C-GARD, NIRD&PR which is an apex organization having the

capability of both GIS technology and operations. The trainings are simplified and structured into stages to ensure that all the functionaries are trained effectively and become well versed with the GeoMGNREGA Phase-II Application.

GeoMGNREGA Phase-II Training Architecture



SIRD: State Institute of Rural Development

SGNO: State GIS Nodal Officer

GBC: GeoMGNREGA Block Champion

GPDC: GeoMGNREGA Pioneering District Champion

GAS: GIS Asset Supervisor

MSE: MGNREGA Spatial Enumerator

Capacity Building Plan on GeoMGNREGA Phase-II for all Districts

Stage 1: GeoMGNREGA Block Champion Training:

State GMRRP along with GeoMGNREGA Pioneering District Champion (GPDC) from the GPD will train the GeoMGNREGA Block Champions (GBC), DGNO & SGNO at the regional level in the SIRDs.

Stage 2: GeoMGNREGA MSE and GAS Training:

GeoMGNREGA Block Champions (GBC) will in-turn train all the MGNREGA Spatial Emulators (MSE) i.e. GRS/ Technical Assistants & GIS Asset Supervisor (GAS) i.e. PO in its respective at the block level.

Training Stages for GeoMGNREGA Phase-II for all Districts

Stage	Name	Data	Organiser	Participants	Number	Duration
Stage 1	GIS MGNREGA Block Champion Training at the State Level	1st - 15th September 2017	SIRD & NIRD/State	Block Champions (One Per Block of Each District) DGNO	Each State will work out the calendar	1 Day per batch
Stage 2	GeoMGNREGA MSE and GAS Training-II at the Block Level	16th September-30th October 2017	GIS Block Champions	MSE & GAS	Each State will work out the calendar	1 Day per batch

All training will be imparted on Bring Your Own Device (BYOD). The mobile hardware specification are listed below: -

CPU	1.3 GHz
OS	Android 4.4
Display	TFT capacitive touch screen 3.5"
Connectivity	GPRS, GPS and A-GPS, Wi-Fi
3G enabled	Yes
Rear Camera	5 MP
RAM	2 GB RAM
Internal memory	8 GB
External Storage compatibility	16 GB

