

A training programme for Training of Trainers (ToT) on Hi-Tech Survey operation for Master Trainers of Ganjam, keonjhar and Subarnpur Districts was organized at ROTI during 25th — 30th, April 2016. The objective of the training programme is mentioned below:

- To orient the participants on High Tech Survey Operation.
- To sensitize the master trainers on the provisions of Odisha Special Surveys & Settlement Act. & Rules and deliverables thereof.
- High Tech Survey Operation module
- To familiarize the participants on their role, responsibilities and functions on High Tech Survey Operation management.

❖ **DAY-I: Inaugural Session**

The training programme commenced with registration of Participants followed by the Inaugural session. The participants were welcomed by Smt. Pratibha Dora, Course-Co-ordinator. She explained about the objective of the Programme. After the inaugural session was over the training session started.

❖ **Odisha Special Survey and Settlement Act :2012**

The session was deliberated by Shri Sribhusan Sukla, OAS,(S) Jt. Director, S&MP He narrated on the salient features of the following topics.

- Brief overview of Odisha Survey and Settlement Act, 1958 and Details of Odisha Special Survey and Settlement Act. 2012
- Odisha Special Survey and Settlement Rules,2012, difference of new method of survey and Preparation of ROR from previous record.

❖ **Theory on Hi-Tech Survey Operation:**

Shri Dillip Kumar Mohapatra, Asst. Director S&MP beautifully explained about Theory on Hi-Tech Survey Operation, its regulations and highlighted the important provisions of the following topics.

- Concept of ground control points, their monumentation, national grid Survey of India, toposheet reference :
- Acquaintance with photogrammetric and High Resolution Satellite Imagery in Laboratory

The session was very interactive, where the participants took a keen

interest to know the technicalities of the process.

DAY- II

The Day-II began with recapitulation of proceedings of the previous day by the participants followed by the session as per the Programme.

❖ Concept of DGPS & ETS :

The Session was taken up by Shri A.K. Atabudhi, Eng, ORSAC and Shri P.K . Parida, Scientist, ORSAC. They made aware the participants about the

- Concept of DGPS & ETS, pure ground method of cadastral Survey
- Concept of Arial Photography and High Resolution Satellite Imagery, Hybrid methodology of Cadastral Survey

❖ Concept of process flow of Hi-Tech Survey Operation :

The session was taken by Shri Biswaranjan Rath,OAS,(1)JB, AD(CLR) where he explained about the roles and responsibilities of different stakeholders during Hi-Tech Survey Operation. Along with it, he narrated on the following issues relating to procedure of the Survey operation.

- Concept of process flow of Hi-Tech Survey Operation : GCP Planning and Monumentation ,Acquisition of raw Images and orthophoto generation, Boundary Fixation, plot Vectorisation ,Obscured / Gharabari areas Survey (ground truthing) , Draft Map preparation including dispute resolution mechanisms, Roles and Responsibilities of different stakeholders during Hi-Tech Survey Operation

DAY- III

❖ Acquaintance With Operation Of DGPS & ETS in field Condition(practical) :

The Forenoon session was taken by Sri Gagan Bihari Tripathy,Head Traverser & other Technical Staff of ROTI. In this session the Technical Staff Explained in detail about the operation of DGPS & ETS in field condition. The Participants being the revenue officers showed interest to know the operation of the equipments.

❖ Manner of Recording of Govt. Land :

The afternoon Session was taken by Sri Dhiren Kumar Das, Former Collector & DM. He elaborated on the topic very extensively. The Session was very interactive. The Participants got cleared their doubts on this score from the Resource Person.

- Manner of Recording of Govt., Land (state Govt., & central Govt.) Deity land, wakf land and land of Lord Jagannath, was discussed in detail.

DAY- IV

❖ Installation of Survey Pillar :

The Forenoon session was taken by Sri Gagan Bihari Tripathy, Head Traverser & other Technical Staff of ROTI.

Following areas were covered during this practical Session.

- Installation of Survey pillar / peg at one kilometer grid interval and GPS observation for 1 hour at all points. GPS post processing kinematic (PPK) observation of mock Survey area

❖ Manner of Recording of Private Land :

Sri Manas Ranjan Samal, OAS, I(SB) Tahasildar, Bhubaneswar deliberated on the following topics in the afternoon session.

- Manner of Recording of private (Rayati) Land with emphasis on recording of status (Swattwa),
- caste including kissam niyamabali pertaining to private Land.
- Remarks column entries, principle of assessment of rent.

Thus, The Participants were made aware about the Procedures for recording of Private land.

DAY- V

❖ Installation of Survey pillar :

The Forenoon session was taken by Sri Gagan Bihari Tripathy, Head Traverser & other Technical Staff of ROTI. In this session Technical Staff Explained in detail about the ETS (Electronics Total Station). He also clarified the participants about the preparation of field sketch made through ETS.

- ❖ GPS & ETS Observation data Processing in Lab Condition and

generation of map :

In the afternoon session Sri Sakti Prasad Mohanty, Engineer ORSAC explained on the topic to the Participants.

DAY- VI

The Day-VI began with recapitulation of proceedings of previous day by the participants followed by the following session.

❖ **Study of digital map :**

The Forenoon session was taken by Sri Jageswar Sahoo, Scientist NIC. During the session discussions was made on the following topic.

- Study of digital map in lab and application of bhunaksha software.

❖ Sri Biswaranjan Rath, OAS, (1) JB, AD(CLR) took the afternoon session on FAQs & Doubt Clearance on the total process of Hi- Tech Survey operation.

- The List of participants in the TOT programme is mentioned as follows

SL. NO	Name , Designation & address	Contact No	E- Mail ID
1	BINOD KUMAR NAIK, ASST. COLLECTOR, SUB-COLLECTOR, BIRAMAHARAJPUR	9437327576	binod.naik9@gmail.com
2	FAKIR CHARAN PARIDA, ADDL. TAHASILDAR, BELAGUNTHA	9438000448	fakirparida@gmail.com
3	PRAKASH KUMAR DAS, ADDL. TAHASILDAR, KUKUDAKHANDI	9437673065	prakashdaskumar@gmail.com
4	SIMANCHAL MOHANTY, ADDL. TAHASILDAR, DIGAPAHANDI	9437217969	msons1962@gmail.com
5	DIBAKAR MAJHI, ADDL. TAHASILDAR, ANANDPUR	9437493814	deewakarkajhee@gmail.com
6	JAGABANDHU BRAHMA, ADDL. TAHASILDAR, JHUMPURA	9437269750	jagabandhu.brahma1959@gmail.com
7	BISWANATH LENKA, REVENUE SUPERVISOR, BERHAMPUR	9438347855	janakdascool@gmail.com
8	CHAKRA DHAR PARIDA, REVENUE SUPERVISOR, BANSPAL	9438540200	pridachakradhar52@gmail.com
9	SUBHA KANTA KAR, REVENUE SUPERVISOR, CHAMPUA	7735877531	
10	BAIDYANATH GOUDA, REVENUE SUPERVISOR, ASKA	9776806595	reddysmartri@gmail.com
11	PREMANANDA DORA, REVENUE SUPERVISOR, TARABHA	9437569351	bhojarajrana40@gmail.com

12	TARINI PATRA, REVENUE INSPECTOR, BARBIL	9438158978	
13	TRILOCHAN MAHANTA, REVENUE INSPECTOR, TELKOI	9668085273	
14	SASMITA KUMARI BEHURA, REVENUE INSPECTOR, KODALA	9692077752	sasmitabehura1@gmail.com
15	SANTOSH KUMAR PATNAIK, REVENUE INSPECTOR, BERHAMPUR	9438041205	janakdascool@gmail.com
16	PURNA CHANDRA PANDA, REVENUE INSPECTOR, KUKUDAKHANDI	9437259403	ppc5919@gmail.com
17	NIHAR RANJAN SETHY, REVENUE INSPECTOR,	8260593968	cool.niharranjan89@gmail.com
18	SARANA KUMAR DAS, REVENUE INSPECTOR, ANANDPUR	9178500277	saranakumardas91@gmail.com
19	SANTOSH KUMAR NAIK, REVENUE INSPECTOR, CHAMPUA	8908506419	naik.santoshkumar1@gmail.com
20	SASMITA MISHRA, REVENUE INSPECTOR, BEHERAMAL	9556385338	sasmita.mishra120@gmail.com
21	LOPAMUDRA BHOI, REVENUE INSPECTOR, ULLUNDA	8658299156	lolopamudradhoi@gmail.com
22	BISHNU PRASAD PALITA, REVENUE INSPECTOR, ULLUNDA	7894582055	palitabishnuprasad@gmail.com
23	SUDARSAN PANDA, REVENUE INSPECTOR, SURADA	7064747211	
24	SUKANT KUMAR DASH, REVENUE INSPECTOR, GHATAGAON	9853045936	ri.padapada87@gmail.com
25	SANTOSH KUMAR SAMAL, REVENUE INSPECTOR, HATADIHI	9938193921/ 9438178998	das.sankho3114@gmail.com
26	S. PURUSOTTAM REDDY, REVENUE INSPECTOR, HINJILICUT	9438313292	reddysmartri@gmail.com
27	PRAFULLA KUMAR SETHY, REVENUE INSPECTOR, GHASIPURA	9437751268	bhubanandanaik@gmail.com

