

# **Two days training of Block and GP level stakeholders on “Role of GP in Solid and Liquid Waste Management”**

**No of Batches: 1**  
**No of Participants trained: 30**



**On 7<sup>th</sup> & 8<sup>th</sup> October**  
**District: Ganjam**

# **Mode of Training: Physical**

## **Venue: SIRD & PR, Bhubaneswar**

**Organised by: SIRD & PR Department, Govt. of Odisha**

### **Introduction:**

Swachh Bharat Mission (Gramin) Phase II one of the flagship programme of Govt. of India under DDWS, Ministry of Jalashakti for ensuring ODF Plus in rural villages. SBM-G Phase II has been launched in late February, 2020 aiming to sustain ODF status, Solid Liquid Waste Management and visual cleanliness. Govt. of Odisha has aimed to make all 6798 GPs ODF Plus by 2024-25. In current financial year 2021-22, One Blocks and remaining 25% Gram Panchayats of each district has been targeted for making all the villages under the focused GPs ODF plus. BRCs of the Block is the Key nodal person for planning and execute ODF Plus activities, JEs/GPTAs of the concerned Blocks are the technical persons to provide support for implementation of ODF Plus activities and BPM (OLM) can spread the messages of Sanitation through women SHGs/ GPLF and CRPs.

Envisage to above, two days virtual training programme on Role of GP in Solid and Liquid Waste Management (SLWM) for Sarpanch, PEOs, Block Resource Coordinators, JEs/GPTAs, BPM (OLM), GPLF members and District Sanitation Consultants of the Blocks conducted in two batches and the details of the training including participants is mentioned below.

Sr. No	Name of district	Period	Type of participants	No of participants	Mode of training	Name of the course coordinator
1	Ganjam	10-11 Nov,21	Sarpanch, PEO, JE/GPTA, BRC and BPM of OLM and GPLF members	30	Physical	Bhabani Kumari Padhy Consultant WASH Cell
<b>Total</b>				<b>30</b>		

The programme was organised by State Institute of Rural Development (SIRD & PR) and coordinated by Mrs. Bhabani Kumari Padhi, Consultant WASH Cell, ETC Bhubaneswar, SIRD & PR, Odisha.

### **Objective of the training:**

In order to build up the capacity of the BRCs, JEs/GPTAs and BPM (OLM) of the above said District and objectives of the two days training program is follows;

- To enable the participants, appreciate the importance of Solid and Liquid Waste Management, Sanitation, Community hygiene for improving Rural Governance and livelihood.

- To acquire knowledge on tools and techniques, process, institutional arrangement for effective Solid and Liquid Waste Management
- To explain the various schemes/ programmes on Solid and Liquid Waste Management and Preparation of Action Plan along with Integration with Gram Panchayat Development Plan (GPDP).

## Training Schedule:

Schedule of the two days training program developed referring the SBM G II guideline and operational guideline of Govt. of Odisha. The contents of the two days training program with times and name of the resource persons is mentioned below;

Time	Topic	Resource Person
<b>DAY-1 (10.11. 2021)</b>		
10.00-10.30AM	Registration of the participants	
10.30-11.00AM	<ul style="list-style-type: none"> <li>▪ Keynote address</li> <li>▪ Background &amp; Objectives of the Programme</li> </ul>	Sri Arindam Dakua, IAS Director, SIRD & PR Sri.Saroj Kumar Dash Joint Director, SIRD & PR
11.00-12.15PM	Understanding the Concepts,Principles, Objectives, Approaches as well as the Government Initiatives for Solid and Liquid Waste Management (SLWM) and SBM G-Phase II	Sri Sankuli Biswal State CB Consultant for WASH from UNICEF, SIRD & PR
12.15-01.30PM	ODF Plus Component in SBM (G)-II <ul style="list-style-type: none"> <li>• Solid waste (Bio &amp; Non-degradable) including Plastic Waste Management</li> <li>• Liquid Waste Management (Grey water &amp; Faecal Sludge Management)</li> </ul>	Smt. Bhabani Kumari Padhi Consultant, WASH cell
01.30-02.30PM	LUNCH	
02.30-03.45PM	<ul style="list-style-type: none"> <li>• Solid and Liquid Waste Management (SLWM) vis-a vis Gram Panchayat Development Plan (GPDP)</li> </ul>	Sri. Santosh Kumar Patra Faculty, SIRD & PR
03.45-05.00PM	Behavioural Change Communication for ODF Sustainability & ODF Plus components <ul style="list-style-type: none"> <li>• Key IEC messages</li> <li>• Role of facilitators/field functionaries</li> </ul>	Sri Ambuja Kumar Bisoi Consultant, SIRD&PR

<b>DAY-2 (11.11. 2021)</b>		
10.00-10.30AM	Recap of previous day sessions	Sri Sankuli Biswal State CB Consultant for WASH from UNICEF, SIRD & PR
10.30-11.45PM	ODF Sustainability components in SBM (G)-II <ul style="list-style-type: none"> <li>• Concept of ODF &amp; sustainability</li> <li>• No one left behind- HHs &amp; Institutions</li> <li>• Retrofitting and O &amp; M</li> <li>• Community Sanitary Complex</li> <li>• Community led need-based action plan</li> </ul>	Smt. Bhabani Kumari Padhi Consultant, WASH Cell
11.45-12.15PM	Experience sharing-progress of ODF Plus activities Challenges and strategy taken up by GP	Participants
12.15-01.30PM	<ul style="list-style-type: none"> <li>• ODF Plus Village Action Plan</li> <li>• Effective utilisation of 15<sup>th</sup> CFC and 5<sup>th</sup> SFC grants for Water &amp; Sanitation Projects.</li> </ul>	Sri Sankuli Biswal State CB Consultant for WASH from UNICEF, SIRD & PR
01.30-02.30PM	LUNCH	
02.30-03.30PM	Discussion and presentation of Case Studies on- <ul style="list-style-type: none"> <li>• ODF Sustainability</li> <li>• Solid Waste Management</li> <li>• Liquid Waste Management</li> </ul>	Sri. Sankuli Biswal , State CB Consultant for WASH from UNICEF, SIRD & PR Smt. Bhabani Kumari Padhy, Consultant-WASH Cell
03.30-4.00PM	Presentation of Case Studies	
04.00-04.30PM	Training Management Portal	Sri. Tapas Ranjan Sahoo Faculty, SIRD & PR
04.30–5.00PM	Question-Answer Session	Sri Ambuja Kumar Bisoi, Consultant,SIRD & PR
5.00-5.30PM	Wrap Up and Way Forward	Sri Saroj Kumar Dash Joint Director, SIRD & PR Smt. Bhabani Kumari Padhy, Consultant-WASH Cell

The training started with welcome address by Mrs. Amita Patra, Assistant Director and shared the importance of community participation and Panchayat Representatives for sustaining ODF status and ODF Plus under SBM G Phase-II. She highlighted the role of GP in SLWM as per 73rd Amendment of Panchayat Act. She discussed with participants about the training programme, its objectives and importance through sensitizing them towards the seriousness and effectiveness of this programme during this particular situation followed by the technical sessions.

### **Session-I: Concept and objective of the SLWM**

Mr. Sankuli Biswal, WASH consultant UNICEF take the session on understanding the Concepts, Genesis, Principles, Objectives, Approaches as well as the Government Initiatives for Solid and Liquid Waste Management (SLWM) and SBM followed with power point

presentation. The following broad points he discussed by using the triggering tools of SLWM and details as below;

- After declaration of ODF by Govt. of Odisha, SBM Phase II focusing solid and liquid waste management for making India clean
- Objective of the SLWM is to improve quality of life through Solid and liquid waste management at household, community and institutional level.
- Key approach of the SLWSM such as segregation and management at source level, involve community at planning, execution and monitoring at all level, need based and local technology has been emphasized in the approach. PRI is the unit is responsible for operation and management of SLWM assets.

## **Session-II: ODF Plus Component in SBM (G)-II**

Mrs. Bhabani Kumari Padhy, WASH cell consultant, SIRD & PR had taken the session. She had discussed with the participants on Solid Liquid Waste Management referring to the SBM G Phase 2 guideline and state operational guideline. She discussed two type of waste one is Solid and other one is Liquid Waste. Solid Waste further classified into three types of waste such as bio-degradable waste, non-biodegradable waste. As per the SWM rule-2016, the waste should be segregated at source level including households and institution in three different categories such as bio degradable, non-biodegradable and hazardous. The waste picker should be engaged in formal institution; hazardous waste should be collected and disposed carefully. The company/ enterprises are the responsible for segregation and managing the waste. All bio-degradable waste should be composted within the premises, the brand owner responsible to manage the waste and the land filling should not be done in the hill/ high land. As per the govt. of Odisha guideline, all the rural households and institution should have compost pit under MGNREGA and community compost pit/ NADEP pit to be constructed based on the demand of community under SBM G and CFC/SFC funds.

Plastic waste management waste particularly less than 50 microns are dangerous to the human and environment needs to be prohibited as per the PWS rule-2016. Panchayat should take the responsibility for reducing plastic waste by using 4Rs such as Refuse/Reduce, Reuse, Recycle and Recovery. The value chain of the plastic waste can be added by segregation of waste, collection, re-segregation, recycle and reuse the waste. The Plastic waste should be collected by the waste picker.

Now Govt. of India providing 55LPD of waters to all households through functional household tap connection. It has been seen, more than 80% water will be waste water out of them 90% is grey water and remaining 10% is black water. Grey waters are such as bath room water, hand wash/ cloth wash, kitchen room water. These grey waters need to be reused for kitchen garden/ soak pit for ground water recharges. As per the Odisha Govt. guideline, soak pit will be constructed in all the houses and institution through MGNREGA and the community soak pits will be constructed near drinking water places, end point of drainage and stagnate water logged public place from SBMG and CFC/SFC funds.

In order to manage the Faecal Sludge Management, it has been discussed that all single pit IHHLs should be converted into double pit and additional soak pit need to be constructed where no pit in septic tank. The concerned beneficiaries should bear the own fund for construction of pit.

## **Session-III: Solid and Liquid Waste Management (SLWM) vis-a-vis Gram Panchayat Development Plan (GPDP)**

Next session Mr. Santosh Kumar Patro, Instructor SIRD & PR had taken the session on effective utilization of Finance Commission Grants aligned with Jal Jeevan Mission JJM and Swachh Bharat Mission (Gramin) Phase-II followed with power point presentation. He highlighted in line with 73rd Amendment to the Constitution of India, 15th Finance Commission has recommended grants to Rural Local Bodies/ Panchayat Raj institutions (RLBs/ PRs) for next five years i.e. up to 2025-26. It has also identified drinking water supply and sanitation as national priority areas for RLBs and therefore 60% of the fund is provided as tied grant.

He triggered to the participants on importance of sustaining of ODF status. After attaining Open Defecation Free (ODF) status on 2nd October, 2019, now the efforts are directed towards sustaining and strengthening the ODF achievements and moving towards ODF plus status. Government of India has approved Swachh Bharat Mission (Gramin) Phase-II to support villages with sustainability of ODF outcomes and arrangement for solid and liquid waste management by 2024-25. For this, the service delivery focus is on Solid and Liquid Waste Management (SLWM) and continuous sanitation services, 50% CFC grants will be utilized. Indicative activities of Sanitation activities can be utilized under tied grants such as toilets in public institutions like schools, anganwadi centres, Community Sanitary Complex if there is a felt need, Operation & maintenance of community sanitation complex, community compost pits and its O &M, creation of Shed for segregation, processing of wet and dry waste and its O & M, purchase of Tricycles/other battery -operated vehicles, services of Collection & transportation of waste from household to treatment site, purchase of PPE equipment, Creation of drainage channel for management of grey water, creation of Silt, Oil & Grease chamber for pre-treatment of grey water, creation of community soak and its maintenance, repair of drainage channel, MHM facilities, support to Govardhan project and Faecal Sludge Management related activities etc.

Village Action Plan of Water and Sanitation should be prepared based on the need based of community by involving all section of community and the same should be included in GPDP for approval and successful implementation water and sanitation in rural villages.

## **Session-IV: Behaviour change communication for ODF S & ODF Plus components**

Mr. Ambuja Kumar Bisoi, Consultant IEC discussed the Behavior change communication for ODF S & ODF Plus components. In referring to the SBM G II guideline, he stated that SBMG Phase II is not merely constructing the infrastructures; it focuses for correct behaviour change practice. BCC/IEC is not activities it motivates to the community for use and O & M of the assets for sustainable behavior change. 5% of the total components of the SBM G Phase II budget can be made expenditure. All districts should have developed IEC and CB plan by including all Panchayats and stakeholders. He discussed the process of making IEC plan, stake holders of ODF Plus, seven steps of behaviour change circle,

ecological social model, methods of IEC/ BCC messages, using of social media and IEC messages under ODF components including use of IHHL, segregation of waste, compost pit, plastic waste management, grey water management and menstrual management etc.

He also discussed the capacity building of key stakeholders such as Sarpanch, PEO, ASHA, Anganwadi, Swachh Grahis, SHGs, waste pickers for effective implementation of ODF Plus activities. He Explained GATHER formula for making process of Inter Personal Communication (IPC), role of different field functionaries and some IEC messages on ODF Plus.

## **Session-V: ODF Sustainability components in SBM (G)-II**

Mrs Bhabani Kumari Padhy, Consultant WASH Cell, discussed regarding ODF Sustainability components in SBM (G) Phase II through power point presentation. She asked to the participants about the definition of ODF Sustainability and after discussion she stated that ODF is no faecal matters enter into human body, no visible of faeces in open, no smell and safe disposal of faeces are the definition of ODF. He discussed how the faeces can enter to human body through 5 F (Finger, Fly, Fluid, Field and Food). Therefore, ODF can be sustainable by using toilets by everybody, every day and every time.

In SBM G Phase-II, no one left behind principle to be adhere that means all households and all institutions including Schools, Anganwadi, Gram Panchayat and community sanitary complex for public places need to be constructed and renovated under SGM G Phase II in convergence with CFC and SFC funds.

In SBM G Phase almost all households have been constructed and the govt. of India has declared ODF country. However, in the field it has been seen that many household latrines have been constructed single pits, no junction chambers and broken the accessories. Therefore, in order to sustain the ODF status, retrofitting of these houses of hold toilets need to be constructed and maintained for regular use. Regular behavioral change activities including community triggering, IPC and IEC need to be done for sustaining of ODF status.

## **Session-VI: Role of GP in ODF Plus**

Mr Sankuli Biswal had the session regarding role of Gram Panchayat in ODF Plus focusing the activities of ODF Plus Village Action Plan and effective utilisation of 15th CFC and 5th SFC grants for Water & Sanitation Projects. As per the SBMG Phase II guideline, the following 8 components need to be ensured at revenue village level for making the village ODF Plus such as

- Construction of functional IHHLs in all houses
- Where space is not available of IHHL and public places community sanitary complex to be constructed
- Separate toilets for all Schools, Anganwadi and Panchayats including for Dibyang
- No litterate/ dumping of plastic waste and stagnate of water in public places
- 100% houses and institutions should have compost pit for biodegradable waste management
- 100% houses and institutions should have leach pit for grey water management
- Segregation unit available in village for plastic waste management
- Minimum 5 IEC messages should be painted on the wall of the villages

He presented the details availability of funds, financial head, implementing persons, process

of payment and operations & maintenance of each component were discussed. In order to making the village, plan available of funds such as SBM G Phase II, CFC/SFC, MGNREGA, departmental funds, GP funds, CSR/ DMF / others need to be incorporated and approved in Gram Sabha and included in GPDP he added. Process of ODF Plus declaration, verification at different level, constitution of verification team, time frame, verification formats were discussed. Swachh Gramin Sarbekshyan, Social Audit and monitoring the implementation of the program she discussed.

## Session-VII: Development and presentation of Case Studies

Next session was development of case studies. Three groups had formed by involving each category of stakeholders and assigned the following three topics for group discussion

- Group-I ODF Sustainability
- Group-II Solid Waste Management
- Group-III Liquid Waste Management

The group has discussed and developed the case study taking one of the GP of the Sarpanch referring to the following format

Profile of GP	Problems before intervention	Progress as on date	Challenges for implementation	Strategy for making success both planning and execution	Output	Out come

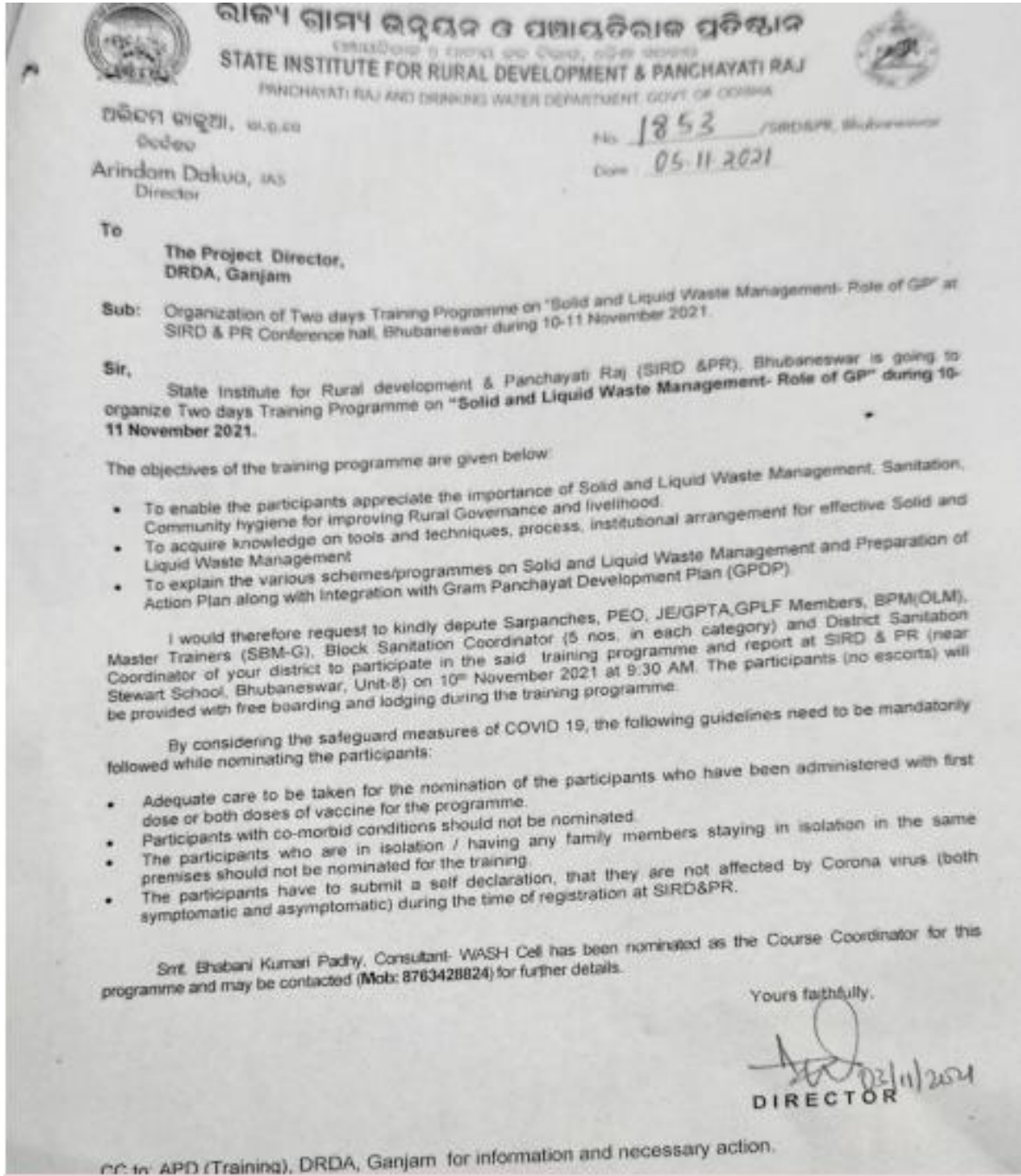
After group discussion, the concerned group presented the case study before the house.

At the end the three sarapanches of Ganjam District shared, what they have done in their concerned GPs. Really they have done tremendous work. The other GPs should learn from them.

At the ending of the program a quiz session was held based on the two days training contents through open house discussion. The participants cleared their doubt after question-and-answer session. Training management portal was done during the training. The concerned course coordinator delivered the valedictory address with vote of thanks.




Letter of SIRD & PR to District



Letter of PD, DRDA Ganjam with participant list

**ଜିଲ୍ଲା ଗ୍ରାମ୍ୟ ଉନ୍ନୟନ ସଂସ୍ଥା,**  
**ଝଟ୍ରାପୁର, ଛତ୍ତୀଶଗଡ଼**  
**DISTRICT RURAL DEVELOPMENT AGENCY**  
**GANJAM : CHATRAPUR**



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Letter No. 11977 Date: 09/11/2021


TO  
The Director,  
SIRD & PR, Bhubaneswar

Sub: - Training Programme on "Solid & liquid waste Management - Role of G.P"

Ref. Letter No. 1853, Dt.05/11/2021 of your good office.


Sir,  
With reference to the subject cited above, I am to say that the following officials are nominated to participate in the Training programme on "Solid & Liquid waste Management- Role of G.P" on 10<sup>th</sup> & 11<sup>th</sup>, November 2021 at SIRD & PR Conference Hall, Bhubaneswar. The lists of participants are enclosed herewith this letter for reference.

Encl: - List of Participants

  
Project Director  
DRDA, Ganjam


Memo No: 11980 Date: 09/11/2021

Copy to Steno to Collector for kind information of Collector, Ganjam

  
Project Director  
DRDA, Ganjam

Memo No: 11981 Date: 09/11/2021

Copy to BDO, Aska, Chatrapur, Ganjam, Hinjilicut, and Khallikote; depute their Staffs & the PRI Members (Sarpanch) for attending the Training programme without fail.

  
Project Director  
DRDA, Ganjam

**Lists of Participants for the Training on Solid & Liquid Waste Mgmt.- Role of G.P at SIRD & PR, BBSR on 10 & 11 November, 2021**

S.No.	Name of the Participants	Designation	Block Name	Mobile Number
1	RANJIT PARIDA	DSC, DWSM	DRDA, Ganjam	9124557161
2	SANGRAM PANDA	DSC, DWSM	DRDA, Ganjam	9337875713
3	ANIL KUMAR NAYAK	SARPANCH	ASKA	9861669306
4	ASHOK KUMAR SETHI	PEO	ASKA	9861699257
5	SANTOSH KUMAR SAHU	JE	ASKA	9438521733
6	SANTOSHINI PRASAD	BRC	ASKA	7682938262
7	TARINI PRASAD	MT	ASKA	7381516629
8	ANITA MAHARANA	BPM	ASKA	8249997309
9	SARANGA BADATYA	MBK	ASKA	7681849508
10	JAYSEN BEHERA	JE	CHATRAPUR	7008078937
11	SASMITA PRADHAN	SARPANCH	CHATRAPUR	8249048372
12	SANTOSH KU BEHERA	PEO	CHATRAPUR	9439159481
13	MANINI JENA	BPM	CHATRAPUR	9938742137
14	RASMIKANTA NAYAK	BRC	CHATRAPUR	845966919
15	MADHURI REDDY	MBK	CHATRAPUR	6370428918
16	PRAVAT KUMAR SETHI	SARPANCH	GANJAM	9937057701
17	MADHUSMITA PADHI	JE	GANJAM	8342996988
18	SRIKANTA KUMAR GOUDA	PEO	GANJAM	7008434490
19	JALANDHAR MAHARANA	BPM(Inc)	GANJAM	7008679690
20	JHILI BISWAL	GPLF	GANJAM	9861200650
21	SATISH KUMAR HOTA	BRC	GANJAM	9777770268
22	SUDHANSU SAHU	SARPANCH	HINJILICUT	8018894448
23	ASHWINI SAHU	PEO	HINJILICUT	9437159769
24	RAJENDRA PATTANAIK	PEO	HINJILICUT	9337199070
25	NABIN MAHARANA	PEO	HINJILICUT	8249575225
26	MILLAN KUMAR CHAND	BRC	HINJILICUT	8658289060
27	SANDHYA RANI SRICHANDAN	MBK	HINJILICUT	9337464641
28	PRAFULLA KUMAR SAHOO	SARPANCH	KHALLIKOTE	9437772120
29	DILLIP KUMAR TRIPATHY	PEO	KHALLIKOTE	7205532748
30	SYAMALENDU PANDA	JE	KHALLIKOTE	9437773499
31	SAGARIKA NAHAK	MBK	KHALLIKOTE	8117028277
32	BIMAL KUMAR RAYGURU	BPM	KHALLIKOTE	7008221565
33	MEGHASAN PALLAI	MT	KHALLIKOTE	9284508591
34	BRAJA KISHORE SAHU	BRC	KHALLIKOTE	7855035524

## Glimps of snapshot

