

**Z-11011/06/2018-PPC**  
**Government of India**  
**Ministry of Rural Development**  
**Department of Land Resources**

6<sup>th</sup> Floor, 11<sup>th</sup> Block, CGO Complex,  
Lodhi Road, New Delhi 110 003  
Dated 21.08.2019

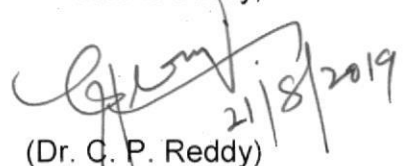
To,  
The Chief Executive Officer (CEO),  
SLNA for WDC-PMKSY in States  
(Andhra Pradesh, Telangana, Kerala,  
Karnataka and Tamil Nadu)

**Subject: Minutes of the Regional Review Meeting of States of Southern Region regarding Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), held on 29<sup>th</sup> July-2019 in Bengaluru, Karnataka –regd.**

Sir / Madam,

I am directed to forward herewith a copy of minutes of the Regional Review Meeting of the WDC-PMKSY for the States of Southern Region (Andhra Pradesh, Telangana, Kerala, Karnataka and Tamil Nadu) held on 29<sup>th</sup> July, 2019 in Bengaluru, Karnataka under the Chairmanship of Secretary, Department of Land Resources (DoLR), for information and necessary action.

Yours faithfully,

  
21/8/2019

(Dr. C. P. Reddy)

Deputy Commissioner (WD)

Copy to:

- (i) Sr. PPS to Joint Secretary (WM), Department of Land Resources, New Delhi
- (ii) Director (WM) / DS (IFD), Department of Land Resources
- (iii) Group Director, PPEG & Head, Rural Development and Watershed Monitoring Division, NRSC Hyderabad.
- (iv) Sr. Technical Director (NIC- for WDC-PMKSY), CGO Complex, New Delhi- with a request to make arrangement for uploading of the same in the website of the Department.

Copy for kind information:

- (i) PPS to Secretary, Department of Land Resources, New Delhi
- (ii) PS to Additional Secretary & Financial Adviser, Ministry of Rural Development, New Delhi

**Minutes of the Regional Review Meeting of States of Southern Region regarding Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), held on 29<sup>th</sup> July-2019 at Bengaluru.**

The regional review meeting of the Watershed Development Component of Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY) for the States of Southern Region (Andhra Pradesh, Telangana, Kerala, Karnataka and Tamil Nadu) was held on 29<sup>th</sup> July, 2019 at New Kumara Krupa State Guest house, Bengaluru, Karnataka under the Chairmanship of Secretary, Department of Land Resources (DoLR), GoI. The list of participants is at **Annexure**.

2. At the outset, CEO, SLNA & Commissioner, Watershed Development Department, Government of Karnataka welcomed the participants and acknowledged the opportunity given by DoLR, GOI to host the programme at Bengaluru, Karnataka State.

3. CEO, SLNA & Commissioner, Watershed Development Department then requested Secretary, DoLR, GOI to release a set of Compendiums on success Stories published by SLNA Karnataka. It also included MEL&D publications of Batch-I, Batch-II and Batch-III projects and final consolidated evaluation reports of Batch-I and Batch-II projects implemented in the State. Secretary DoLR along with Additional Chief Secretary, Government of Karnataka and Joint Secretary (WM), DoLR released all the publications. Secretary, DoLR congratulated the State for their outstanding efforts in documenting the WDC-PMKSY activities.

4. Additional Chief Secretary & Development Commissioner and Chairperson, SLNA Karnataka welcomed Secretary, DoLR and his team of officers, and other State Government representatives. She requested Secretary, DoLR to continue the central financial assistance for the Watershed Development programmes in Karnataka as the State stands second only to Rajasthan in terms of extent of arid zone. She informed that Karnataka has about 52 lakh hectares wasteland which still requires treatment. She requested resumption of funding for Batch-V and Batch-VI projects as they had already entered in work phase while they got transferred to State. The Chairperson, SLNA requested funds at least for material intensive works, like nallah bunds, check dams, vented dams and mini percolation tanks from DoLR

as the state has given emphasis on water conservation and started *Jalamrutha programme* in Mission Mode which is similar to that of Jal Shakti Abhiyan of Gol. State Government has allocated Rs. 100 crore for water conservation activities under the programme.

5. Further, the Chairperson, SLNA, informed that Land Resource Inventory (LRI) has been done under World Bank assisted project Sujala-III in 11 districts which is likely to get over by December, 2019. The State further intends to extend the programme in other districts as well. She informed that the LRI is first of its kind in the country. LRI would have digital library of lands and training of farmers.

6. Secretary, Agriculture Department, Government of Karnataka informed that the State is consecutively facing water scarcity and drought from last 6 years. Sudden transfer of Batch-V and Batch-VI projects to State created a financial problem for the State. He underlined the importance of public investment in drought-proofing and policy decision for judicious use of water by imposing restriction to the flood method of irrigation and support for micro-irrigation.

7. The Agenda for the Regional Review Meeting of States of Southern Region Regarding WDC-PMKSY was as follows:

- (i) Reviews of Performance of WDC-PMKSY Projects
- (ii) Utilization of Unspent Balance and Annual Action Plan FY2019-20
- (iii) Status on completion of Batch-I, II & III projects and submission of End-line evaluation reports of completed projects
- (iv) Projects likely to be completed during FY2019-20, especially in Quarter II
- (v) Implementation of Srishti & Drishti
- (vi) Status of PFMS in financial transactions under WDC projects.
- (vii) Extent of expenditure in WDC projects through convergence
- (viii) Action Plan for completion of the projects within the stipulated time frame and year-wise funds requirements during the remaining period of the operation of project
- (ix) Progress on Jal Shakti Abhiyan
- (x) Presentation by States on Success Stories / Innovation/ Best Practices under WDC-PMKSY

8. Based on the above indicated agenda, Joint Secretary (WM) then presented an overview of the WDC-PMKSY programme being undertaken in southern States. The highlights are as follows:

- (i) 1686 watershed development projects were sanctioned to Southern region States during 2009-10 to 2014-15 involving an area of about 7.57 million hectare.
- (ii) Out of the sanctioned projects, only 663 have been completed, 754 are in Works Phase, 2 uninitiated and 267 in preparatory phase as on 28.02.2018 have been transferred to States.
- (iii) All the States of southern region have completed Batch-I and Batch-II projects.
- (iv) Out of the 754 projects in work phase, 242 projects are likely to be completed by 2<sup>nd</sup> quarter of 2019-20.
- (v) Total unspent balance of Rs. 335.53 crore (as on 31.03.2019) lies with the Southern States. All States were requested to utilize the unspent balance.
- (vi) The proposal for fund release is still awaited from Kerala and Telangana.
- (vii) The States were advised to conduct SLSC meetings preferably in the month of January/February every year which will facilitate release of funds from Gol well in time.
- (viii) The Karnataka State was appreciated for submitting all 246 Batch-I and Batch-II project completion reports and also end line evaluation reports.
- (ix) On an average, Andhra Pradesh has geo-tagged 337 photos per project, Tamil Nadu 254 photos, Karnataka 228 photos, Telangana 145 photos and Kerala only 98 photos per project. Kerala being well below the required average of 200-250 geo-tags/projects was requested to look into the matter for improvement.
- (x) States are making good efforts for convergence of activities with other programmes. The States were advised to complete all the transferred projects from the States' own resources or through convergence.
- (xi) All the States were requested to implement PFMS up to lowest possible level.
- (xii) All the States were requested to expedite the progress under Jal Shakti Abhiyan through implementation of watershed works.

(xiii) IWMP MIS data are not being updated regularly at all levels. Financial and year wise expenditure in the MIS is not matching with the UC submitted to DoLR. Data on physical parameters reported in MIS are not matching with physical report submitted by the states.

(xiv) SLNAs should invariably certify that the data are upto date in IWMP-MIS for completed projects, so that it can be shown completed in MIS.

JS (WM) requested States to forward completion reports of completed projects to achieve DoLR's 100 days intervention for completion of 400 projects.

9. Senior Technical Director, NIC, DoLR brought to the noticed of the States the following:

- Utilisation certificate submitted by the States is a benchmark for the DoLR; therefore the correct data based on UCs should be entered on MIS.
- Andhra Pradesh has not reported 67 out of 436 locations of projects and 63 out of 436 baseline surveys. SLNA Andhra Pradesh was informed that the Batch-VI project data has not been reported in MIS.
- Likewise, Karnataka has not reported 41 out of 571 locations and 164 out of 571 baseline surveys. CEO, SLNA Karnataka informed that the Batch-V & VI projects data have not been reported in MIS because funding to these has been stopped.
- Project locations and baseline surveys of Telangana have not yet been reported for any of 326 projects. It was requested to update all the items in MIS as early as possible.
- Some information are still pending from SLNA Telangana after bifurcation/creation of New Districts. SLNA, Telangana informed that the work is going on at gram Panchayat level and will be completed at an early date. They assured of completing the entries within 15 days.
- All the States have to update the financial and physical achievements on IWMP-MIS by 31<sup>st</sup> August-2019.
- The consolidated MPR entry has not been started in Telangana and the same is pending in Kerala from Feb, 2015, from Sep-2017 in Karnataka, from March-2017 in Tamil Nadu and from April-2019 in Andhra Pradesh.

- There is a need for serious review and monitoring keeping capacity development of SLNAs / WCDCs / PIAs at SLNA level at regular interval. One MIS co-ordinator should be assigned the responsibility for maintaining MIS.
- Quality check of data at SLNA level is required. This may be done by analysing the reports and reverting back to the concerned officer/staff for correction.
- Expenditure data for each financial year should match UC of the State uploaded by DoLR.
- Kerala assured that within one month all the entries of IWMP-MIS would be updated.

[NIC presentation would be uploaded on Department's website for information of States].

10. CEO, SLNA Karnataka explained the mismatch between the financial progress shown in UCs and that reflected in the MIS and suggested that the transferred funds from one to another agencies should not be shown as expenditure rather that should be indicated separately.

Deputy Commissioner, DoLR informed that UCs/ASAs should show only the expenditure incurred. He requested the CEO, SLNA, Karnataka to send the report accordingly to DoLR.

11. Presentation by NRSC, Hyderabad highlighted following:

Scientist from NRSC informed all the States that the rejected geo-tagged photos can be downloaded in excel and revisited. The Dristi and Shristi issue should be of one of the agenda in the review meetings in the State. All the rejected photos should not be ignored. Target for the geo-tagging should be made monthly and yearly basis. The month-wise geo-tagging is poor in some States, Telangana is not doing well in all aspects.

Secretary, DoLR instructed NRSC and NIC to finalize the modalities for linking the Bhuvan with the IWMP-MIS. NRSC informed that technically, linking is possible by providing work code. NRSC requested DoLR to send the team of NIC to NRSC to discuss the issue.

12. The meeting deliberated in detail on each agenda item covering all the States present. The details of information shared, major suggestions made and decisions arrived at in respect of each state are as under:

**A. Telangana informed the following:**

- Out of 330 sanctioned projects, 121 projects have been completed, 203 projects are in works phase, 4 projects have been transferred to Andhra Pradesh during bifurcation and remaining projects have been transferred to State. 70 projects under Batch-III are likely to be completed by August 2019.
- Rs. 54.52 crore is available as unutilized funds as on 30.06.2019.
- State has prepared the annual action plan of Rs. 166.27 crore under WDC-PMKSY for the year FY 2019-20.
- Telangana State Development Planning Society (TSDPS) has appointed an evaluator for batch-I (2009-10) projects, Evaluation completed report awaited. Appointment of evaluator for batch-II (2010-11) is under process.
- Total 47801 assets are geo-tagged on Bhuvan Portal. All the shape files have been sent to NRSC.
- State is implementing the Electronic Fund Management System (e-FMS) since 2011 for all IWMP financial transactions. DoLR agreed that Telangana State shall continue with the existing Electronic Fund Management System.
- Total Rs. 52.61 crore spent through convergence with other programmes under WDC-PMKSY.

Deputy Commissioner (WM) mentioned that one or two page on success story should be added in the End-line evaluation report of each project.

**B. Kerala informed the following:**

- State has unspent balance of Rs.18.14 crore as on 30.06.2019
- State has prepared the annual action plan of Rs. 107.27 crore for the year 2019-20.
- Total 26 projects under batch-II have been completed and End-line evaluation reports will be submitted shortly. All 15 projects of Batch-III projects will be completed by 31.03.2020.
- Total 8,293 assets have been geo-tagged on Bhuvan Portal.

- At State level all financial transactions are done using DSC, at district level, print payment advice mode of payment is being followed. However, at block and watershed committee levels, online transactions have not been started.
- Total Rs.11.41 crore spent through converging works other programmes under WDC-PMKSY.
- Jal Shakti Abhiyan started in Palakkad and Kasargode districts in selected three talukas.

Director (WM) pointed out that there is no progress reflected in Jal Shakti Abhiyan from Kerala and urged the State to upload the activities on Jal Shakti portal.

DC (WD) requested that a high quality five minutes documentary on success stories on renovation of ponds be prepared.

**C. Tamil Nadu informed the following:**

- State is having 270 projects, out of which 112 have been completed and remaining 158 projects will be completed before 31.03.2020.
- End-line evaluation reports of 12 projects of Batch-I have been submitted to DoLR; remaining will be submitted shortly.
- State has unspent balance of Rs. 96.32 crore.
- All transactions up to watershed committee are being carried out through PFMS only.
- For ensuring convergence, an amount of Rs. 300.00 crore from other schemes has been materialised.
- Total 61,246 photos have been geo-tagged on Bhuvan Portal.
- State has adopted work code system to identify the works. It is a system adopted to assign a unique ID number to identify each work under watershed development which never gets repeated. Each work code consists of 28 to 30 alpha numerical characters. The work code helps to identify the batch number, project, district, year of sanction of project, name of the watershed, component and name of the work. There is no scope for duplication.
- State presented several best practices being followed in the programme; Recharge Shaft is one among them. It is used to recharge the shallow aquifers which are located below clayey surface Shafts of 0.5 to 3 m. diameter

and 10 to 15 m deep. These are constructed and backfilled with boulders, gravels and coarse sand. In upper portion of 1 or 2 m depth, the brick masonry work is carried out for stability of the structure. It is most efficient and cost effective structure to recharge the aquifer directly. In the areas where source of water is available either for some time or perennially e.g., base flow, springs etc. the recharge shaft can be constructed. Recharge shaft may be dug manually if the strata are of non-caving nature. The diameter of shaft is normally more than 2 m. The shaft should end in more permeable strata below the top impermeable strata. It may not touch water table. The unlined shaft should be backfilled, initially with boulders/cobbles followed by gravel and coarse sand.

- State has prepared a parallel State level website as a Database.
- SLNA requested DoLR to sanction new projects to State.

DC (WD) requested to prepare a high quality five minutes video on recharge shaft and stated that success stories should be highlighted in the End-line Evaluation Reports.

Secretary, DoLR requested Tamil Nadu for submission of release proposal of funds immediately.

**D. Andhra Pradesh informed the following:**

- There are 432 projects in the State. 159 projects under Batch-I and Batch-II have been completed and End-line evaluation reports have also been submitted. 102 projects under Batch-III are likely to be completed by 30.9.2019.
- State has unspent balance of Rs. 37.54 crore as on 08.07.2019
- State has prepared the annual action plan of Rs. 342.25 crore for the year 2019-20.
- Total 72,741 assets are geo-tagged on Bhuvan Portal.
- State is implementing the Electronic Fund Management System (e-FMS) since 2011 for all IWMP financial transactions. DoLR, agreed that Andhra Pradesh shall continue with the existing Electronic Fund Management System.

- Activities worth of Rs. 867.63 crore has been undertaken through convergence with other programmes.
- Worth Rs. 106.99 crore works under Batch-IV and Rs.220.52 crore under Batch-V are required for completion of the programme.
- As per the Batch-II evaluation report, about 1.5 meter increase in water table in project area has been reported.
- Jal Shakti Abhiyan started in 68 blocks of 9 districts.

**E. Karnataka informed the following:**

- The State still has total untreated area of 52.31 lakh hectares, which needs the immediate attention of the Central Government. CEO, SLNA explained in detail about the State Prospective Plan prepared earlier as per the directions of DoLR and mentioned that in the existing scenario the State is unable to continue with the programme. He requested DoLR to sanction new projects on saturation mode @ 5.00 lakh hectare every year.
- Requested to extend the project period of Batch-III till FY 2019-20 and resume funding for Batch-V and Batch-VI which had already entered in work phase at the time when DoLR transferred them to State. As such the State government is not in a position to fund these projects.
- State has unspent balance of Rs. 84.76 crore as on 30.06.2019.
- State has prepared the annual action plan of Rs. 147.48 crore for the year FY 2019-20.
- All 246 projects under Batch-I and Batch-II are completed and End-line evaluation reports are also submitted.
- State has been pioneer for post-project sustainability of the completed projects. The State has formulated the guidelines for utilisation of Watershed Development Fund (WDF) collected as contribution from individual beneficiaries for the post-project sustainability. Out of 38.71 crore of WDF fund collected, Rs. 32.39 crore has been transferred to the concerned Grama Panchayats.
- Batch-III projects will be completed by 31.3.2020. 55 projects under Batch-III and Batch-IV are likely to be completed by 31.09.2019.

- Total 1,16,559 assets are geo-tagged; of which 1,03,809 assets were accepted.
- At SLNA, WCDC and PIA levels, all financial transactions are through State treasury (**Khajane-2**) system and at watershed committee level transaction are made through Print Payment Advise, when PPA is generated and sent to bank for payment, then only funds are transferred to concerned beneficiary account or to the vender account.
- Total Rs. 526.97 crore spent through convergence with other programmes.
- State requires Rs. 847.37 crore to complete Batch-III to Batch-VI projects.
- Karnataka State has followed many best practices under the programme like, (a) from World Bank assisted Sujala-I, II & III projects, (b) post-project sustainability of completed projects, (c) planned formation of FPOs and (d) value chain development activities.
- Jal Shakti Abhiyan started in 18 districts in selected 54 talukas/blocks of the State. Since most of the physical works are already completed, the progress during July to October 2019 may not be much.

### 13. Sujala-III World Bank assisted project:

World Bank team along with Sujala-III Project Director and Commissioner, WDD, Bengaluru had detailed discussion with Secretary, DoLR regarding SUJALA-III World Bank assisted project. During the meeting a 15 minutes video on Sujala-III was played so as to explain the unique features of the project. Followed by the video, Commissioner, WDD made a brief presentation about the project. World Bank Task Team Leader Mr. Grant Milne explained how Sujala-III is different from previously implemented Sujala-I project, which was also the basis for Common Guidelines for Watershed Development projects. Mr. Grant also briefed about the forthcoming project planned by the World Bank in India which is in line with more crop per drop to help achieve the GoI objective of doubling the farmers' income.

The Secretary, DoLR appreciated the unique science based Land Resource Inventory (LRI) and Hydrology activities of Sujala-III project and discussed how best the scheme can be replicated across the country. It was also suggested to include cost-benefit analysis and ecological impacts in the impact evaluation report of Sujala-III which is planned from September 2019. Secretary also requested World

Bank team to share a brief concept note on scaled up LRI that could be implemented across the country and Mr. Grant agreed to share the note at the earliest with the DoLR.

14. Deputy Commissioner (WD) requested state regarding preparation of high quality movie of success stories under WDC-PMKSY. States should prepare 18 year perspective plan. DC (WD) also requested all States regarding submission of End-Line Evaluation Reports. End Line Evaluation Report should incorporate ground water table, increase in agriculture production, milk production, reduction of migration, reduction in wasteland, increase in employment generation etc. in each project report.

15. JS (WM) advised the State to utilize the unspent balance available with them, to become eligible for further release of Central funds during 2019-20. Further, the State should try to complete the on-going projects well in time. JS (WM) has also advised State to reconcile and submit the quarterly/ monthly physical achievements data in six indicators format.

16. JS (WM) thanked all the SLNAs for their participation. He stressed the need for timely submission of AAP and fund release proposal and completion of the on-going projects. The States again requested to furnish the Quarterly / monthly progress report on the Output-outcome six indicators timely. He also requested the States to maximize convergence with other schemes for completion of projects. State should ensure to implement PFMS at all levels and also develop small documentary films (5-15 minutes) on success stories and submit to DoLR for record and dissemination to other States/ Districts. Further, States were asked to submit all pending UCs / reports in respect of pre-IWMP projects immediately to DoLR.

17. The Secretary, DoLR appreciated and thanked the Government of Karnataka for organising the Regional Review Meeting of Southern States at Bengaluru and also for the hospitality extended by the State. He expressed his happiness on the release of several success stories by Karnataka under WDC-PMKSY and encouraged other States to come out with such documentation. He informed that the DoLR intends to prepare a compendium of best practices at national level to showcase achievements of the programme.

Secretary, DoLR informed that the WDC-PMKSY programme is getting over in March 2020; however, Phase-V and-VI projects have their life span till 2021-22. The Chief Ministers of the several States have written to Hon'ble Minister for Rural Development, informing the current problems faced by them. GoI is examining their request for continuing the programme, also re-looking of the modalities, guidelines, and financial structures.

Secretary, DoLR wanted to know the reasons for delays in completion of the projects, so that probable solutions could be conceptualised. Poor utilisation of funds by states resulting in huge unspent balance with them would disqualify them for further release of fund.

States were also asked by Secretary, DoLR to submit the End-line evaluation reports based on the template circulated by the Department. He remarked that the End-line evaluation reports submitted by various states vary from one and another. Secretary, DoLR suggested that the reports should invariably reflect quantum of wasteland reduction. He impressed upon the importance of holding SLSC meeting on time. He underscored the importance of geo-tagging of assets created under the programme. He asked the states to ensure real time data entry on IWMP-MIS because the performance of the scheme depends on reporting by State. He advised the participants to sensitise all ground-level officers for timely recording of data in the MIS. Given the extent of remarkable outcomes under the Scheme, he expressed satisfaction that the WDC-PMKSY programme has effectively dealt with neutralisation of land degradation in most of the states.

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## Annexure

### **List of Participants in the Regional Review Meeting of States of Southern Region Regarding Watershed Development Component Pradhan Mantri Krishi Sinchayee Yojana (WDC-PMKSY), held on 29<sup>th</sup> and 30<sup>th</sup> July-2019 at Bengaluru.**

1. Shri Ruolkhumlien Buhril, Secretary, Department of Land Resources-*in the chair*.
2. Smt. Vandita Sharma, Additional Chief Secretary, Govt. of Karnataka and Chairperson SLNA, Karnataka.
3. Shri Umakant, Joint Secretary (WM), DoLR, Gol
4. Shri M. Maheshwar Rao, Secretary to the Government, Agriculture Department, Government of Karnataka.
5. Shri Prabhash Chandra Ray, CEO, SLNA and Commissioner, WDD, Karnataka
6. Shri Rajesh Kumar Singh, Director (WM), DoLR, Gol.
7. Dr. Padmaya Naik A, Director, WDD, Karnataka
8. Dr. C. P. Reddy, Deputy Commissioner (WD), DoLR, Gol.
9. Mr. Grant Milne, Task Team Leader, World Bank Mission
10. Mr. Ranjan Samantary, Co-Task Team Leader, World Bank Mission
11. Mr. Rajshekar, Environmental Consultant World Bank Mission
12. Shri Naveen Agarwal, Senior Technical Director, NIC, New Delhi
13. Shri Pradeep Kumar, Technical Officer (WM), DoLR, Gol
14. Mrs. V. Janaki, Accounts Officer, DoLR, Gol
15. Shri Manoj Gaour, Research Investigator (WM), DoLR, Gol
16. Mr. N. Polappa, Joint Commissioner (Watershed), SLNA, Andhra Pradesh
17. Mr. Y. Sankar Naik, State Technical Expert (Forestry), SLNA, Andhra Pradesh
18. Mr. V. S. Santhosh Kumar, Additional Commissioner, Rural Development Commissonerate, SLNA, Kerala
19. Mrs. Jayasree M, Technical expert, SLNA, Kerala
20. Shri P. J. Wesley, Joint Commissioner, SLNA, Telangana
21. Shri M. Mallikarjuna Swamy, State Technical Expert (NRM), SLNA Telangana
22. Smt. Kayarkanni, Assistant Director of Agriculture, SLNA, Tamil Nadu
23. Thiru K. P. Regunathen, Assistant Executive Engineer, TAWDEVA, SLNA, Tamil Nadu
24. Dr. P. V. Krishna Rao, Scientist SG, NRSC, Hyderabad
25. Dr. Shyamasunder, Scientist SF, NRSC, Hyderabad
26. Shri M. S. Rama Mohan Rao, MEL&D Agency, RSI, Bengaluru