

Minutes of the meeting with Pudussery Grama Panchayat

Date: 27-01-2022

Platform: Google Meet

Attendees

1. Ms. Praseedha, Pudussery Grama Panchayat President
2. Mr. Ambujakshan, Pudussery Grama Panchayat Secretary
3. Mr. Ajish, Pudussery Grama Panchayat Vice President
4. Mr. Jayakumar, Ward Counselor, 02
5. Mr. Alexis, Agriculture Officer, Pudussery
6. Ms. Prasanna, Anganwadi Teacher
7. Ms. Sindhu, Anganwadi Teacher
8. Adv. Shahbaz M
9. Kudumbashree CDS Members
10. Mr. Arun Bala Krishnan
11. Mr. C Balagopal
12. Dr. Athira P, IIT Palakkad
13. Dr. Sahely Bhadra, IIT Palakkad
14. Dr. Arun Rahul, IIT Palakkad
15. Dr. Praveena Gangadharan, IIT Palakkad
16. Prof. Dr. Jagadeesh Bayry, IIT Palakkad
17. Dr. Veena Venudharan, IIT Palakkad
18. Mr. Vinu, IIT Palakkad
19. Mr. Nikhil R R, IIT Palakkad
20. Mr. Swapan Ray, ICPE
21. Mr. T. K Bandopadhyay, ICPE
22. Mr. Ajith Mathai, mByom
23. Mr. Ajith Gerald, mByom
24. Mr. Akshay, mByom

Agenda

To report the current status of the activities and to discuss the tentative action plan on Waste management in ward no: 02 of Pudussery Grama Panchayat.

Minutes

Mr. Nikhil R R, Project Coordinator UBA welcomed all the attendees and set the outline of the meeting. Dr. Athira shared the details of the initiatives planned in the area of waste management to be undertaken in ward no: 02. She explained in detail the proposed plan of awareness generation, and waste management of biodegradable and plastic waste materials. She then requested Grama Panchayat officials to share the status of waste collection, and the availability of Material Collection Facility in ward no: 02. Ms. Praseedha, Pudussery GP President, appreciated the interest of IIT Palakkad in conducting the waste management activities of Pudussery Grama Panchayat and informed that Grama Panchayat is collecting the plastics wastes from the household and is in agreement with Clean Kerala Company for the waste recovery/disposal. She also informed that Pudussery Grama Panchayat is in the process of identifying two places for the construction of Material Collection Facility in the Grama Panchayat. Ms. Praseedha enquired whether IIT Palakkad has any plan of biodegradable waste management. Dr. Athira replied that there is a possibility of bio composting of biodegradable waste in the community or household.

Mr. Swapan Ray shared that the collected plastics waste needs to be segregated properly according to its type so that the specific technology can be applied for recycling or recovery. He also suggested revenue generation opportunities from peck bottles. He extended the support of his organization in undertaking the training for segregating plastic waste.

Mr. Jayakumar, Counselor of ward: 02 shared that Haritha Karma Sena is collecting plastic wastes from the households and the collected plastic waste is segregated at the Material Collection Facility and is given to Clean Kerala Company.

Advocate Shahbaz suggested making a system to collect the plastic wastes properly from the households. Mr. Swapan Ray replied to that by saying awareness generation and provision of sufficient infrastructure for segregation will address the issue.

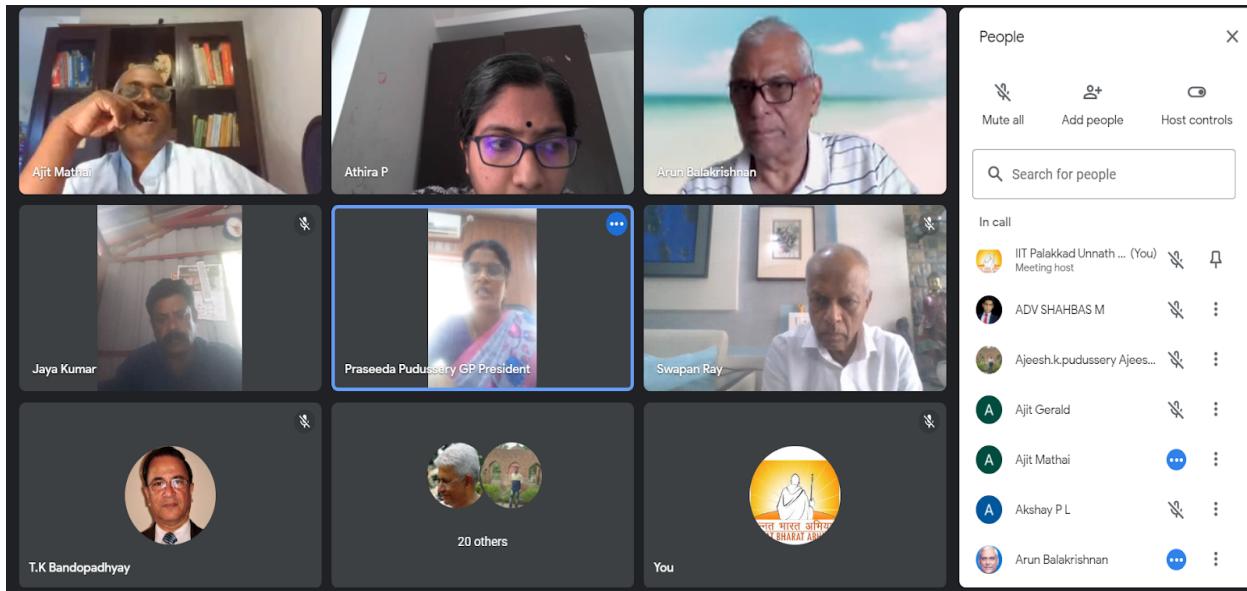
Mr. Arun Balakrishnan enquired about the fund availability from the Grama Panchayat in the purchase of waste bins. Mr. Jayakumar replied that there is a plan to provide bins to all households in the Pudussery Grama Panchayat but will take time for fund sourcing.

Mr. Swapan Ray reminded that the key point would be proper segregation of waste at the household level and thus the value of the waste can be increased. Mr. Arun Balakrishnan shared the possibility of funding the bin distribution in a selected geography as a pilot project. Mr. Swapan Ray expressed his support in finding a bin manufacturer and in the procurement process.

Mr. Ajith Mathai, mByom Consulting and Management Services made a presentation on Visualising Circular Economy & Triple Helix Model with IIT Palakkad. He focussed on the concept of organic waste as wealth, local economic development and Triple Helix Model. The

theme of the presentation was based on 'Every Home an Enterprise'. Mr. Akshay shared the case study of Vilappilsala aHOPE Pilot Poultry Project and the Triple Helix Model Project.

Dr. Athira suggested making a proposal after consulting with Pudussery Grama Panchayat when the situation favors. Mr. Ambujakshan, Pudussery Grama Panchayat Secretary appreciated the efforts of IIT Palakkad and extended the full support from the Grama Panchayat.



Plan of Action:

1. Conduct awareness campaigns for both biodegradable and plastic waste management in Ward 2.
2. Preparation of a proposal for plastic waste management in Ward 2 of Pudussery Panchayat. The proposal aims for a sustainable plastic management system which generates revenue for the Panchayat. The current material collection area of the Panchayat will be utilized for the establishment of Material Collection Facility.
3. Plan for a visit to Panchayat along with the mByom team to develop a proposal on Circular Economy and Triple Helix. The possible areas of intervention based on yesterday's discussion are,

Circular Economy

1. Management of biodegradable waste for improved agricultural production
2. Income generation from homesteads through animal husbandry

Triple Helix (Panchayat-IIT-Industry Partners)

1. Household level assembly units of industrial products.