



Minutes of Meeting

SEG expert meeting on approval of proposals under UBA SEG: Sanitation and Solid Waste Management

Sponsored by

Ministry of Education, Government of India

Organized by

SEG: Sanitation and Solid Waste Management

12th March 2024

The Subject Expert Group (SEG) for Sanitation and Solid Waste Management, operating within the framework of the esteemed Unnat Bharat Abhiyan (UBA), diligently conducted evaluations of the proposals submitted between January 31st to February 10th, 2024 – which totals to 94 - 83 from technology Development and 11 from Technology Customization.

Prior to expert evaluation, the SEG actively engaged in assessing these 94 proposals through online portal, to handpick worthy proposals to be taken forward. Subsequently, 15 proposals were selected for thorough evaluation by a panel of esteemed experts. Chosen for their profound on-field exposure and expertise, these experts provided invaluable insights essential for informed decision-making. Our primary objective was to leverage their experience to assess the potential of these proposals for further advancement.

In our deliberations, we adhered to well-defined criteria, including the proposers' research experience, depth of knowledge, project feasibility, potential impact, and sustainability. Following thorough evaluation, the expert committee approved **six proposals**, each strategically geared towards technology development, reflecting our collective vision for innovation in Sanitation and Solid Waste Management practices.

The detailed list of selected proposals and esteemed committee members contributing to this pivotal decision is provided in the accompanying tables. This achievement underscores our dedication to advancing the objectives of the Unnat Bharat Abhiyan and promoting sustainable development nationwide.

Table 1 Experts and UBA staff who contributed for the evaluation of proposals

S. No.	Name	Role
1	Prof. Indumathi M. Nambi	Coordinator SEG - Sanitation and Solid Waste Management Unnat Bharat Abhiyan
2	Ms. Rajavalli Rajeev	Founder - Garbage Bank Expert Committee Member SEG - Sanitation and Solid waste management Unnat Bharat Abhiyan
3	Mr. Natarajan	Founder – Namma Ooru Foundation Expert committee member SEG - Sanitation and Solid waste management Unnat Bharat Abhiyan
3	Dr. Mohana Krishnan Logan	Assistant Professor, IIT Madras Expert committee member SEG - Sanitation and Solid waste management Unnat Bharat Abhiyan
4	Ms. Hima Bindu Valleru	Project Manager SEG - Sanitation and Solid Waste Management Unnat Bharat Abhiyan

Table 2 List of selected proposals by SEG – Sanitation and Solid waste management and recommendations/ comments

S.No	Proposal Title	Proposal Id	Institute Name	Project Categories	Fund Requested (INR)
1	Integrated and optimized fermentation equipment for community cow dung manure in Sadhrana	U-0163/HR/GRG/SSWM/1LAKH/1	The Northcap University, Gurgaon(AISHE Code:-U-0163)	Technology Development	100000
Comments/ Suggestions: PI has visited the village, collected samples, and did some ground work. Testing their products and getting their certifications as they move forward is recommended.					
2	Clean infinity - Domestic waste management	C-16614/TN/TRV/SSWM/1LAKH/2	R.M.K Engineering College(AISHE Code:-C-16614)	Technology Development	100000
Comments/ Suggestions: We can ask them to tweak their solution and assign them the problem statement of an App for waste to facilitate collection and monitoring of dry waste collection through rewarding system - which can be used for PI's PAN India way forward					
3	Making Plastic Bottle Free village through Recycling	U-0337/MN/IMW/SSWM/1LAKH/1	Manipur University, Imphal(AISHE Code:-U-0337)	Technology Development	100000
Comments/ Suggestions: Plastic bottle Bank can collect other plastic items too. Banking other plastic recyclables can declutter maximum waste in the village. Suggested to ponder this suggestion and add feasibility study					
4	Sustainable Bio Packaging Material using sea waste sources	C-27064/TN/VIR/SSWM/1LAKH/15	Sethu Institute of Technology(AISHE Code:-C-27064)	Technology Development	100000
Comments/ Suggestions: May be a good waste management option for Waste to Wealth					
5	Establishment of compost Unit for Management of Waste Material in the village	C-44563/MH/AMV/SSWM/1LAKH/1	S.S.A.C.Amravati(AISHE Code:-C-44563)	Technology Development	100000
Comments/ Suggestions: It's a village grama Sabha decision. We believe that the villagers/ panchayat would help take this forward					

6	W-Credit (An AI based Application for Waste Management)	C-27064/TN/VIR/SSWM/1LAKH/2	Sethu Institute of Technology(AISHE Code:-C-27064)	W-Credit (An AI based Application for Waste Management)	100000
Comments/ Suggestions: Using technology to help public for a behavioral Change is laudable. We can extend it to Pan India Pls once developed.					
Total Fund (INR)					6,00,000/-

Prof. Indumathi M. Nambi
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