

**Minutes of the III Project Management and Monitoring Committee (PMMC) project
review meeting
at
Institute of Forest Genetics and Tree Breeding, Coimbatore
on
25-26th February, 2022**

Third Project Management and Monitoring Committee (PMMC) meeting to review the half yearly progress of the project entitled “Development of compost out of waste involving tribal for their livelihood support: A part of Swachh Bharat Mission” sponsored by NGP (NRDMS), DST, New Delhi (Vide letter No: NRDMS/SC/ST52/017(G) dt:18.02.2019) was held in the institute on 25-26th February, 2022.

The members of the meeting

1. Prof. B. K. Dass, Chairman, PMMC, University of Delhi, New Delhi.
2. Dr. A. K. Singh, Scientist-F, PMMC expert member, NRDMS, DST, New Delhi.
3. Prof. S. Pazhanivelan, PMMC, PMMC expert member, TNAU, Coimbatore.
4. Dr. C. Kunhikannan, Director, IFGTB, Coimbatore.
5. Dr. N. Senthilkumar, Principal Investigator, IFGTB, Coimbatore.
6. Smt R. Sumathi, Co-PI IFGTB, Coimbatore



The programme started with the inauguration of Waste Collection and Processing Unit, Compost making Unit and Prototype Instrument-Hydraulic Disc making Machine in the Institute at Coimbatore by Prof. B. K. Dass, Chairman, PMMC along with PMMC expert members.



Inauguration of Waste Collection and Processing Unit **Inauguration of Hydraulic Disc making machine**

Dr. N. Senthilkumar, Scientist-F(Principal Investigator) welcomed the Project Management and Monitoring Committee (PMMC) members. A short film show on “Recycling waste and supporting livelihoods: A tribal development initiative of IFGTB” which was released on 2nd December, 2021 by Dr. M. Sharmila, Deputy Commissioner, Coimbatore City Municipal Corporation (CCMC), Coimbatore was also played. Dr. N. Senthilkumar also introduced the new product called “Zeal: Nutri-Rich Cattle Feed”, a value added product from maize stalk for livestock.



Dr. N. Senthilkumar, PI has made a detailed project presentation covering aim, objectives, detailed work plan, the significant achievements made in the project, infrastructure development, expenditure and expected deliverables of the project. He stated that the project aims at empowerment of tribal women and the assured income through this technology can be used for their community development and livelihood enhancement. He also mentioned that the income generated through this technology will be ascertained regularly.



Presentation of the work by Principal Investigator

Objectives achieved

- ❖ 39 tribal settlements habituated in the Coimbatore forest fringe villages were selected.
- ❖ 19 Women Self Help Groups were framed comprising 295 members and 520 tribal women were trained.
- ❖ Processed 5 tons of Tree biomass waste (Coir pith waste), Processed municipal solid wastes viz., 17.62 tons of flower waste, 18.490 tons on vegetable waste and 15.780 tons of weed waste and made 1.618, 3.829 and 1.415 tons of composts respectively.
- ❖ Alternate formulations using Paddy straw, sugarcane bagasse Casuarina needles and maize straw were evaluated. TRB was performing best followed by Sugarcane bagasse medium for raising Forestry, Agriculture and vegetable crops efficiently to make it into an economically viable product.
- ❖ New cattle feed product “ZEAL: Nutri Rich Cattle Feed” was developed using maize stalk with addition of organic materials such as groundnut oil cake and cotton seed, made into 250gram discand supplied to farmers as livestock feed.
- ❖ Established infrastructure such as Southern Regional Tribal Welfare Centre, Demonstration Cum Training Centre, Product Sale Counter, Waste Collection and Processing Unit. Installed Prototype Instrument at IFGTB.
- ❖ Obtained organic certificate for Tree Rich Biobooster from Tamil Nadu Organic Certification Department (TNOCD), Coimbatore, Tamil Nadu.
- ❖ A short film on Tribal development initiatives of IFGTB for their livelihood support was made and released by Dr.M.Sharmila, District Revenue Officer and Deputy Commissioner, Coimbatore Corporation on 2nd December, 2021.Primary, secondary beneficiaries and marketing channels were also established for the product sale.
- ❖ Installed Prototype Instrument at tribal village,Senkuttai which is a centre for a cluster of five villages and established marketing channel for the sale of the product produced.

PMMC member's comments/suggestions are as follows;

1. Documentation in terms of short film is well appreciated and the committee recommended to record the transactions specifically reviews, viewers detail etc.
2. Committee suggested to publish the result of the nutrient components in vegetable grown in TRB and the scientific validation of the product.
3. The project needs to transfer the knowledge and to educate the tribals more on women empowerment.
4. New cattle feed product "ZEAL: Nutri Rich Cattle Feed" developed using *Zea mays* straw with addition of organic materials will found attractive in dry lands areas such as Perambalur and Ariyalur. Left over stalk can be recycled and can be used as cattle feed during lean periods which support the daily farm which is the only source of income during off season. Traders also gain huge income.
5. The Project progress is satisfactory and focussed towards the tribal welfare.

Recommendations of the Committee

1. Equip the tribes to educate the other tribal groups as entrepreneurs.
2. Encourage the trained women tribes to impart training to other tribes.
3. Encourage the tribes to empower them to become entrepreneur.
4. The documentation link has to be sent to stakeholders and entrepreneurs and especially to bring awareness among the students about the technology.

The 3rd PMMC meeting ended with the formal vote of thanks by Smt R. Sumathi, Chief Technical Officer and Co-Investigator of the Project.