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# GOBINDAPRASAD MAHAVIDYALAYA

P.O.-AMARKANAN \* Dist.-BANKURA -722133 (W.B)

Ref. No.....

Date. 21.03.2023

## Syllabus of Certificates Course

Course title: Waste Management in Mejia-Barjora-Gangajal Ghati Industrial Belt

Duration: 6-month

Full marks:100

### Unit-I

1. Waste: Definition, characteristics and nature of waste.
2. Classification of waste: solid, liquid, gaseous and nuclear with special reference to Mejia-Barjora-Gangajal Ghati Industrial Belt.

### Unit-II

1. Concept of solid waste: Sources, impact on environment and human health with special reference to Mejia-Barjora-Gangajal Ghati Industrial Belt.
2. Concept of liquid waste: Sources, impact on environment and human health with special reference to Mejia-Barjora-Gangajal Ghati Industrial Belt.
3. Concept of gaseous waste: Sources, impact on environment and human health with special reference to Mejia-Barjora-Gangajal Ghati Industrial Belt.
4. Concept of nuclear waste: Sources, impact on environment and human health with special reference to Mejia-Barjora-Gangajal Ghati Industrial Belt.

### Unit-III

1. Concepts of D-waste & E-waste.
2. Waste management & mitigation with special reference 5R process.
3. National & international conference on waste management and environmental pollution: Montiel protocol, Kyoto protocol, Chipko Movement.

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