DINABANDHU MAHAVIDYALAYA

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Bongaon,North 24 Parganas
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NAAC ACCREDITED-2016(2nd cycle)
Affiliated to West Bengal State University & Formerly under University of Calcutta
Registered under 2(f) & 12(B) of U.G.C. Act 1956
ESTD: 1947

**Add on course
on
Biostatistics in Public Health
by
Department Of Anthropology
Dinabandhu Mahavidyalaya, Bongaon**

Course Objectives:

4. Build Statistical Skills for Biological Sciences.
5. Master the tools and methods you need to analyze, interpret, and communicate biostatistical data.
6. This specialization is intended for public health and healthcare professionals, researchers, data analysts, social workers, and others who need a comprehensive concepts-centric biostatistics primer.
7. Those who complete the specialization will be able to read and respond to the scientific literature, including the Methods and Results sections, in public health, medicine, biological science, and related fields.
8. Successful learners will also be prepared to participate as part of a research team.

Course Outcomes:

5. Biostatistics is the application of statistical knowledge to all biological and medical problems.
6. Biostatisticians help develops new methods in the fields ranging from health to the environment.
7. Biostatisticians play an important role as the quality of research work depends on the planning of the research activity, analysis of data, and reporting of results.

Principal / Secretary
DINABANDHU MAHAVIDYALAYA
Bongaon, 24 Pgs.(N)

General Information & Course Structure:

Duration: 40 Hours
Entry Qualification: Honours and General Students of Bioscience
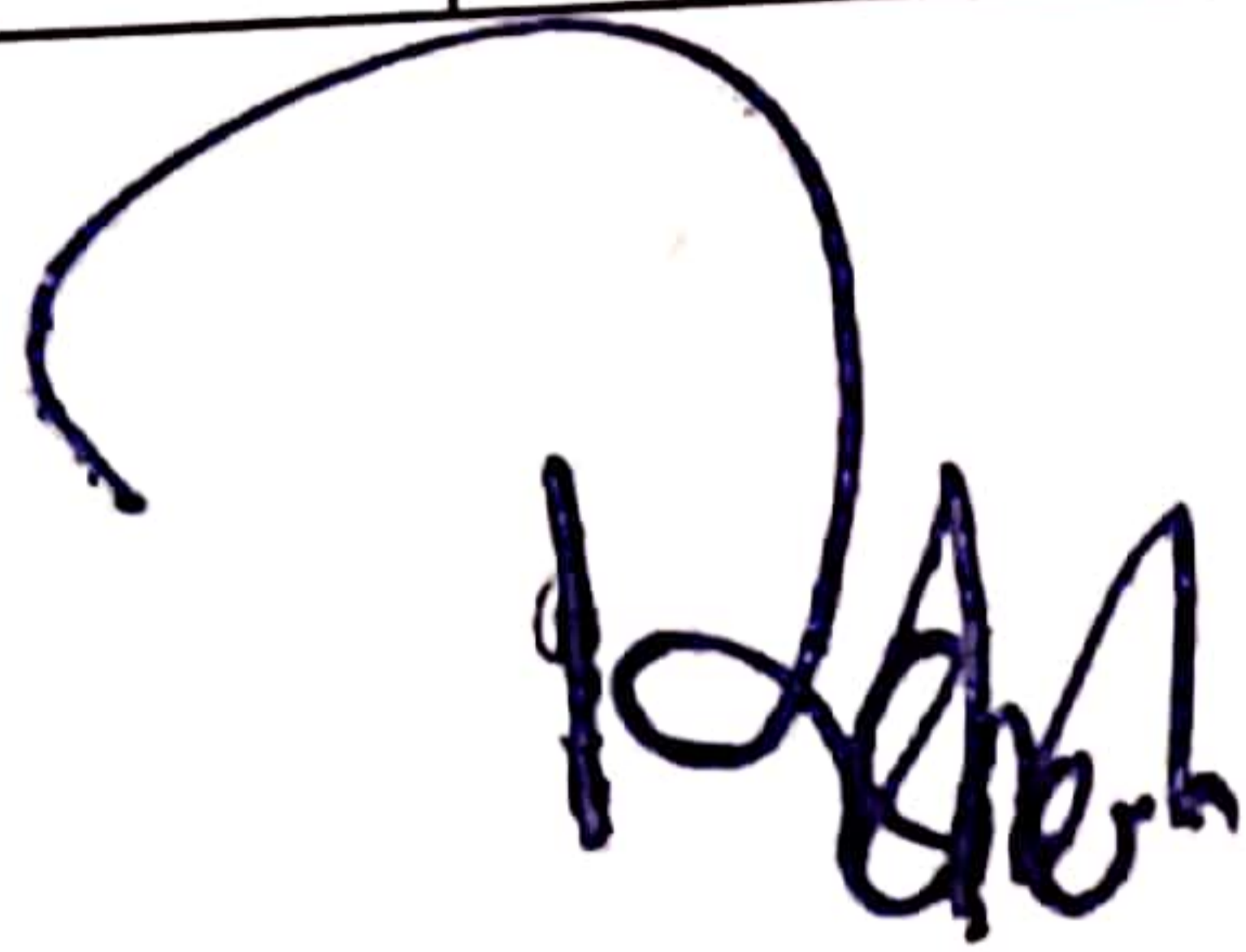Language: Bengali / English
Venue: Dinabandhu Mahavidyalaya, Bongaon
Students per batch: 40 (maximum)
Starting Date: 29.11.2022

Course Curriculum:

Sl. No.	Topic	Class Number	Duration (hours)
1	Role of Statistics in Public Health	4	4
2	Continuous data measures	6	6
3	Normal Distribution	5	5
4	Binary Data	3	3
5	Sampling Distribution and Standard error:	6	6
6	Hypothesis testing in Public Health	6	6
7	Practical	5	10

Principal: Dr. Biswajit Ghosh

IQAC coordinator: Dr. Zenith Roy
Co-ordinator, IQAC
Dinabandhu Mahavidyalaya

Those who are interested may contact to the course coordinator for enrollment of their name.

Course Coordinator: Dr. Rana Saha (Dept. Of Anthropology)