



Govt. of West Bengal
Office of the Principal / Officer-in-Charge
Government General Degree College, Dantan-II
(College recognised under Section 2 (f) of the UGC Act, 1956)

Kashmuli :: PaschimMedinipur :: West Bengal :: Pin – 721445 :: Website :: dantan2govtcollege.ac.in :: Email – kgcprincipal@yahoo.com

MEMORANDUM OF UNDERSTANDING (MOU)

Between

GOVERNMENT GENERAL DEGREE COLLEGE, DANTAN-II

Kashmuli, Porolda, Dantan-II, Paschim Medinipur, 721445

&

GOVERNMENT GENERAL DEGREE COLLEGE AT SALBONI

Bhimpur, Paschim Medinipur, West Bengal, 721516

This agreement between Government General Degree College, Dantan-II, Kashmuli, Porolda, Dantan-II, Paschim Medinipur, 721445 and Government General Degree College at Salboni, Bhimpur, Paschim Medinipur, West Bengal, 721516 is signed on the 2nd December, 2022.

Scope of the MOU:

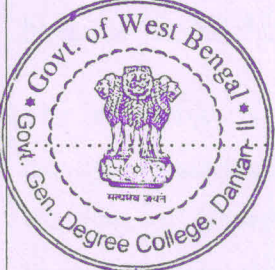

The basic objective of this MOU is to promote academic exchange in terms of exchange of faculty and academic association between the two colleges to enrich academic exchange where Faculties of **Government General Degree College, Dantan-II** and **Government General Degree College at Salboni** will be involved in resource sharing and academic associations like organizing seminars, webinars, workshops, special talks etc.

Objectives:

1. Faculty exchange for Special Lectures, Workshop, Seminars and Academic Exercise.
2. Sharing of resources by faculty of the concerned departments of the two colleges with prior authorization of H.O.Ds of the concerned departments.
3. Students and teachers may visit and use library resources of both the colleges as per need.
4. All such activities will be done as per existing guidelines of the university, State Government and UGC.

General terms and Conditions:

1. **Duration of MOU:** This MOU will be effective from the date of agreement and will have an initial duration of three years. The MOU may be extended with the consent of both the parties.
2. **Engagement of department level co-ordinator:** The colleges will empower an appropriate faculty of each of the concerned departments to co-ordinate the implementation of activities.
3. **Confidentiality:** Both the colleges will remain confidentiality about the terms and conditions of the agreement.
4. **Termination of MOU:** This MOU may be terminated at any time with a 15 day prior notice from either party.
5. **Modification:** Any alteration / modification to the MOU may be done with mutual consent of both the parties. Involvement of new departments/activities may be done from time to time with mutual consent of both the colleges.

For, Government General Degree College, Dantan-II	For, Government General Degree College at Salboni
Signature with seal:  Name: Dr. Shaishab Kumar Dinda Designation : Officer-in-Charge	Signature with seal:  Name: Dr. Shantanu Dhar Designation : Officer-in-Charge

In witness of:

For, Government General Degree College, Dantan-II	For, Government General Degree College at Salboni
<i>Madhusudan Banerjee</i>	<i>Shil Shankar Dash</i> Co-ordinator IQAC Government General Degree College, Salboni
<i>Sonik Saha</i>	<i>Shaoli Nandi</i>




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Faculty exchange program in connection with MOU signed on **2nd December, 2022** between Govt. General Degree College, Dantan-II and Government General Degree College, Salboni.

Name of the Resource person from GGDC, Dantan-II	Conducted at	Nature of contribution/Topic of invited talk	Date of interaction
Dr. Pravas Kumar Giri	Department of Mathematics, GGDC, Salboni	Differential Calculus- Asymptotes of curve	10.02.2023

Name of the Resource person from GGDC, Salboni	Conducted at	Nature of contribution/Topic of invited talk	Date of interaction
Dr. Shib Shankar Dash	Department of Chemistry, GGDC, Dantan-II	Basics of Stereochemistry	08.04.2023


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GOVERNMENT GENERAL DEGREE COLLEGE SALBONI
GOVERNMENT OF WEST BENGAL

Office of the Principal

P. O. BHIMPUR

DIST. PASCHIM MEDINIPUR

To
Dr. Pravash Kumar Giri
Assistant Prof. in Mathematics
Govt. General Degree College, Dantan-II

Date: 03.02.2023

Subject: Invitation letter for delivering lecture

Sir,

I hope this letter finds you well. I am writing to extend to you a formal invitation to deliver a lecture in the Department of Mathematics of our institutions, as a part of academic exchange as outlined in the Memorandum of Understanding (MOU) between Govt. General Degree College, Salboni and Govt. General Degree College, Dantan-II dated 2nd December, 2022. Your expertise and experience in the field of Mathematics will definitely enrich our student.

We eagerly anticipate your positive response and look forward to welcoming you in our institution.

Thanking You.
With best regards,

 03/02/2023

Officer-in-Charge
Govt. General Degree College, Salboni

Accept Invitation



GOVERNMENT GENERAL DEGREE COLLEGE SALBONI
GOVERNMENT OF WEST BENGAL

P. O. BHIMPUR

Office of the Principal

DIST. PASCHIM MEDINIPUR

TO WHOM IT MAY CONCERN

This is to certify that **Dr. Pravash Kumar Giri**, Assistant Professor of Mathematics, Govt. General Degree College, Dantan-II has delivered a special lecture on **10.02.2023** to the students of the Department of Mathematics at Government General Degree College, Salboni on the topic, '**Differential Calculus-Asymptotes of curve**' as a part of faculty exchange and sharing of academic information in connection with the MoU signed on 02.12.2022 between Government General Degree College, Salboni and Govt. General Degree College, Dantan-II. I extend my best wishes for your continued success and endeavors.



Dr. Shantanu Dhar
10/02/2023
Dr. Shantanu Dhar
Officer-in-Charge

Govt. General Degree College, Salboni
Officer In-Charge
Govt. General Degree College Salboni

Differential Calculus-Asymptotes of Curve

Delivered by Dr. Pravas Kumar Giri, at Mathematics Department, GGDC, Salboni

Date: 10.02.2023

An asymptote is a straight line that constantly approaches a given curve but does not meet at any infinite distance. In other words, Asymptote is a line that a curve approaches as it moves towards infinity. The curves visit these asymptotes but never overtake them. In other words, Asymptotes are imaginary lines that are very close to the full graph or a part of the graph of a function. When graphing a function, asymptotes are highly useful since they help you think about which lines the curve should not cross. There are three types of asymptotes: vertical, horizontal and oblique. That is, as x approaches a from either the positive or negative side, the function approaches positive or negative infinity

A horizontal asymptote is of the form $y = k$ where $x \rightarrow \infty$ or $x \rightarrow -\infty$

A vertical asymptote is of the form $x = k$ where $y \rightarrow \infty$ or $y \rightarrow -\infty$

A slant asymptote is of the form $y = mx + b$ where $m \neq 0$.

The Application of an Asymptote in Real Life For example, as a car moves faster and faster, the air resistance it experiences increases. The graph of the car's speed against time would approach a line that is perpendicular to the time axis, but it would never actually touch that line.





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TO WHOM IT MAY CONCERN

This is to certify that **Dr. Shib Shankar Dash**, Assistant Professor of Chemistry, Govt. General Degree College, Salboni has delivered a special lecture on **08.04.2023** to the students of the Department of Chemistry at Govt. General Degree College, Dantan-II, on the topic "*Basics of Stereochemistry*" as a part of faculty exchange and sharing of academic information in connection with the MOU signed on **02.12.2022** between Government General Degree College, Dantan-II and Government General Degree College, Salboni. I extend my best wishes for your continued success and endeavors.

Dinda
08/04/2023

Dr. Shaishab Kumar Dinda
Officer-in-Charge
Govt. General Degree College, Dantan-II
Officer-in-Charge
Govt. Gen. Degree College,
Dantan-II