

GOVERNMENT GENERAL DEGREE
COLLEGE, MANGALKOTE

IN COLLABORATION WITH

MATHRUN NABIN CHANDRA
INSTITUTION

REPORT

ON

'LABORATORY VISIT'

ORGANISED BY: Government General Degree College, Mangalkote

DATE: 06.01.2023

TIME: 11.00 AM ONWARDS

VENUE: GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE



Dr. Prashant Kumar Jaiswal

Dr. Prashant Kumar Jaiswal
Principal, Government General Degree College, Mangalkote
Mangalkote, Dist. Mangalkote, West Bengal-721122

OBJECTIVES OF THE PROGRAMME

To provide first-hand exposure to the practical applications of various scientific disciplines such as Botany, Chemistry and Zoology. To serve as an exposure for valuable reference for future research projects, allowing students to understand the real-world context and challenges associated with different scientific techniques.

DESCRIPTION OF THE VISIT

During the field visit to the Science Departments of Government General Degree College, Mangalkote, the students had the opportunity to observe and assess the infrastructure of the departments of Botany, Chemistry and Zoology. The experience has been documented as under:

Laboratories of Departments of Botany and Zoology:

The students were shown the infrastructure of the laboratories of Departments of Botany and Zoology which are well-established and equipped. The laboratory spaces are organized and properly maintained, providing a conducive environment for conducting various analyses. The presence of advanced equipment, spectrophotometer, centrifuge machine, etc. indicate a commitment to staying at the forefront of technology in the field. The students were explained the basic operation of those machines and their practical applications.

Laboratory of Department of Chemistry:

The students were shown the infrastructure of the laboratory of Department of Chemistry which is committed to ensuring accurate and reliable analysis of various chemicals. They learned about techniques such as chromatography and spectroscopy used to identify and analyse substances in research. The department showcased how chemical analysis can help to identify chemical composition of substances.

PARTICIPANT DETAILS:

NO. OF STUDENTS FROM MATHRUN NABIN CHANDRA INSTITUTION ATTENDING THE PROGRAMME: 13

OUTCOME OF THE PROGRAMME

The laboratory visit provided the students with a comprehensive understanding of the different branches of sciences and their various applications. It was evident that the departments' infrastructure was well-designed and equipped to support various analyses and research activities. The visit also inspired the students with research ideas and expanded their knowledge base, which can be beneficial when conducting literature reviews, designing research methodologies, and formulating research questions in biological sciences and chemistry.

GLIMPSES FROM THE VISIT



PIC.: DR. KUNDU, DEPT. OF CHEMISTRY EXPLAINING THE APPLICATION OF CHEMISTRY IN RESEARCH



PIC.: DR. KUNDU, DEPT. OF CHEMISTRY DEMONSTRATING THE USE OF MODERN EQUIPMENTS IN CHEMISTRY LABORATORY



PIC.: DR. MONDAL, DEPT. OF ZOOLOGY EXPLAINING THE APPLICATION OF BIOLOGICAL PRINCIPLES IN RESEARCH



PIC.: MONDAL, DEPT. OF ZOOLOGY DEMONSTRATING THE USE OF MODERN EQUIPMENTS IN ZOOLOGY LABORATORY

Pravara



Dr. Pravin Kumar Bhatu
OFFICE IN CHARGE
Department of Zoology, Pravara University
18, Pravara Road, Nashik - 422 002



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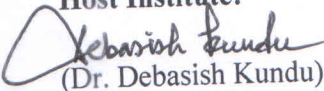
DATE: 06/01/2023


CHEMISTRY, ZOOLOGY & BOTANY LABORATORY VISIT BY THE STUDENTS
OF CLASS XI, XII,
MATHRUN NABIN CHANDRA INSTITUTION


Sr. No.	Full Signature of the student	Class
1	Depika Proadhan	XII
2	Shabnam Saleha	XII
3	Swastika Mondal	XII
4	Firoja Khatun	XII
5	Sanchita Kundu	XII
6	Koyel Roy	XII
7	Salina Khatun	XII
8	Almina Khatun	XII
9	Shrabani Khatun	XII
10	Sakina Khatun	XII
11	Nasrin Khatun	XII
12	Fatema Khatun	XII


Accompanying Teacher: Tannoy Roy

Host Institute:



(Dr. Debasish Kundu)
Asst. Professor (WBES)
Dept. of Chemistry


(Dr. Animesh Mondal)
Asst. Professor (WBES)
Dept. of Zoology


(Dr. Akash Kedia)
Asst. Professor & Head (WBES)
Dept. of Botany


(Dr. Pradipta Kumar Basu)
Officer-In-Charge (WBES)
Govt. General Degree College, Mangalkote




Dr. Pradipta Kumar Basu
OFFICER IN CHARGE, W.B.E.S.
Government General Degree College, Mangalkote
Dr. Purba Bardhaman, West Bengal- 713132



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DATE: 06/01/2023

CHEMISTRY, ZOOLOGY & BOTANY LABORATORY VISIT BY THE STUDENTS
OF CLASS XI, XII,
MATHRUN NABIN CHANDRA INSTITUTION

Sr. No.	Full Signature of the student	Class
13	Rafiya Sultana	XII
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		

Accompanying Teacher: Tannoy Roy

Host Institute:

Debasish Kundu
(Dr. Debasish Kundu)
Asst. Professor (WBES)
Dept. of Chemistry

Animesh Mondal

(Dr. Animesh Mondal)
Asst. Professor (WBES)
Dept. of Zoology

Akash Kedia
(Dr. Akash Kedia)
Asst. Professor & Head (WBES)
Dept. of Botany

Pradipta Kumar Basu

(Dr. Pradipta Kumar Basu)
Officer-In-Charge (WBES)
Govt. General Degree College, Mangalkote



Pradipta Kumar Basu

Dr. Pradipta Kumar Basu
OFFICER IN CHARGE, W.B.E.S.
Government General Degree College, Mangalkote
Dt. Purba Bardhaman, West Bengal- 713132



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The Memorandum of Understanding (hereinafter called the MOU) is entered into on this the 14th Day of July (Two Thousand Twenty-Two)

By and Between

GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE, The First Party represented herein by its Officer-in-Charge as Representative and Competent Authority (Hereinafter referred as "First Party", the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in office, administrators and assigns)

MATHRUN NABIN CHANDRA INSTITUTION, The Second party and represented herein by the Head Master as Representative and Competent Authority (Hereinafter represented as "Second Party", the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in office, administrators and assigns)

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS

A) FIRST PARTY is a Government College named:

i) GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE, PANCHANANTALA, KHUDRUN DIGHI, P.O.-MAJHIGRAM, DT. PURBA BARDHAMAN, WEST BENGAL, PIN – 713132.

B) First Party and Second Party believe that collaboration and cooperation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The parties intent to cooperate and focus their efforts in cooperation within the area of School Education, Higher Education, provide opportunity for teaching pedagogy, synergy in curriculum at all levels of education, extensive use of ICT and to facilitate advancement of knowledge on the basis of reciprocity, best effort, mutual benefit, and frequent interactions.

D) Both Parties being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

E) MATHRUN NABIN CHANDRA INSTITUTION, the Second Party is a Government Sponsored Co-Educational Higher Secondary School.


F) The Second Party presently functions from its own campus at P.O.-MATHRUN, DIST-PURBA BARDHAMAN – 713132. It has no other branch, wing, subsidiaries or extensions existing at present.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISE SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

Clause-I

CO-OPERATION

1.1 Both the Parties are united by common interest and objectives, and they shall establish channels of communication and co-operation that will promote and advance -


Dr. Pradipta Kumar Basu
OFFICER IN CHARGE, W.B.E.S.
Government General Degree College, Mangalkote
Dt. Purba Bardhaman, West Bengal- 713132



- Promotion of student centric teaching learning pedagogy which shall nurture creativity, competence belongingness and ownership among the learners;
- To instil scientific temper among young learners;
- To embrace equity and equality in education;
- Faculty and student exchanges based on reciprocity;
- Exposure of school students to state of the art laboratories and academic ambience of HEI;
- Team taught courses, including online courses for vocational opportunities;
- Visits by faculty, professional staff and students;
- Exchange of information on teaching, learning material and other literature relevant to their educational programmes;
- Joint organization of workshops and educational fair, and short-term continuing-education programmes on topics of mutual interest, inviting each other's faculty and students to participate therein;
- Joint organization of cultural programme, sports and other creative events to hunt talents and
- Any other joint venture for co-curricular and extra-curricular enrichment of both the Institution on prior agreement of the Head of the Institution of both the Institution; within the Institution and its related wings.

1.2 Both the Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

1.3 First Party and Second Party must respect each other's to intellectual property and the disputes if any, relating to any aspect of academic cooperation, HOI of both the Institution will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility.

1.4 Both the Parties mutually agreed not to include any financial transaction during the execution of this MOU.

1.5 Neither Party shall be held responsible for non-fulfilment of their respective obligation under this MOU due to circumstances beyond their control but not limited to pandemic, war, flood etc. If such condition continues beyond six months, the parties shall then mutually decide about the future course of action.

1.6 Nothing in this MOU shall be constructed to make party a partner, an agent or legal representative of the other for any purpose. Now onwards both the party may mention the name and LOGO of the other in their documents as "COLLABORATOR" for purpose as may be required subject to communication by the user to the other party in writing beforehand.

1.7 This MOU unless terminated by mutual written agreement will continue for 5 years after the effective date specified in the opening paragraph and can be renewed through mutual interest. Either Party shall have the right to unilaterally terminate this MOU in 90 days prior written notice to the other party.

Agreed:

For
Government General Degree College, Mangalkote
Purba Bardhaman-713132



Basu
14/07/22

For
Mathrun Nabin Chandra Institution
Purba Bardhaman-713132

14/07/22
**Headmaster & Secretary
Mathrun N.C. Institution
Mathrun, Purba Bardhaman**

Authorized Signatory
Government General Degree College, Mangalkote
Purba Bardhaman
OFFICER IN CHARGE, W.B.E.S.
Government General Degree College, Mangalkote
Dt. Purba Bardhaman, West Bengal- 713132

Authorized Signatory
Mathrun Nabin Chandra Institution
Purba Bardhaman-713132

Witness - 1

Doitro

Witness - 2

Shistek Chatterjee
A. T. Life Science

ARITRA RUDRA
(W.B.E.S.)
ASSISTANT PROFESSOR (GROUP-A)
DEPARTMENT OF HIGHER EDUCATION

Basu
Dr. Pradipta Kumar Basu
OFFICER IN CHARGE, W.B.E.S.
Government General Degree College, Mangalkote
Dt. Purba Bardhaman, West Bengal- 713132





Date 02/01/2023

From: The Headmaster
MATHRUN NABIN CHANDRA INSTITUTION

To: The Officer in Charge,
Government General Degree College, Mangalkote

Sub: Request to allow laboratory visit of your college by our students of Class XI & XII
on 06/01/23

Sir,

You are aware that we have signed a MoU with your institution on 14/07/2022. Therefore we earnestly request you to allow laboratory visit of your college by our students of Class XI & XII on 06/01/23. One teacher will coordinate the entire tour.

With thanks,

Headmaster
MATHRUN NABIN CHANDRA INSTITUTION


Headmaster & Secretary
Mathrun N.C. Institution
Mathrun, Purba Bardhaman



Dr. Pradipta Kumar Basu
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Date: 06/01/2023


TO WHOM IT MAY CONCERN

It is certified that in pursuance of the Memorandum of Understanding (MOU) between GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE and MATHRUN NABIN CHANDRA INSTITUTION dated 14/07/2022, the GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE has organized an Anti-Tobacco Campaign at MATHRUN NABIN CHANDRA INSTITUTION on 21/07/2022 and the students of Class XI and XII of MATHRUN NABIN CHANDRA INSTITUTION have visited the laboratories of the Departments of Botany, Chemistry and Zoology of GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE on 06/01/2023.


Headmaster


Mathrun Nabin Chandra Institution
Purba Bardhaman-713132

Headmaster & Secretary
Mathrun N.C. Institution
Mathrun, Purba Bardhaman


Officer in Charge

Government General Degree College,
Mangalkote
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