

**GOVERNMENT GENERAL DEGREE COLLEGE,  
MANGALKOTE**

**SEMINAR REPORT**

**ON**

**RAPID DIAGNOSTIC TESTS**

**ORGANISED BY: UGC-SEMINAR COMMITTEE**

**DATE: 16.02.19**

**TIME: 1.00 pm - 2.30 pm**

**VENUE: Seminar Hall, 2nd Floor**

## **OBJECTIVE OF THE SEMINAR:**

The seminar was aimed to inform the students about the health issues which exist mostly because they go undiagnosed. Though modern scientific inventions have enabled diagnoses of several diseases, several of these technologies are too expensive to be afforded by resource-deprived countries and cannot be used in field studies. Based on this background, the aim of the programme was to spread knowledge about cheaper and more effective alternatives in this field.

## **SPEAKER:**

Dr. Debraj Biswal, Assistant Professor, Department of Zoology, GGDC, Mangalkote

## **PROCEEDINGS OF THE SEMINAR:**

The speaker began his deliberation by describing the health issues that exist on a global scale, their contagious nature and their transmissibility. He then went on to describe how they managed to exist in different parts of the world mainly because they have escaped diagnoses and how they can give rise to pandemics in worst incidences. He described about the rising cost of medical facilities and how they cannot be availed by the resource-deprived nations where, ironically, the medical problems are highly prevalent. However, the modern diagnostic technologies are often not applicable in field diagnoses and at high rates which are often required to detect diseases and control their transmission. They can also be used to design mass treatments. Then, the speaker highlighted the latest developments in the diagnostic testing techniques in the form of kits which can be used under field conditions to diagnose diseases rapidly and effectively without requiring much specializations. Some kits have been advanced to levels where they can be used for self-testing and have been made available in the markets. However, they still need refinements for several other diseases which though common can wreak havoc if left undiagnosed and uncontrolled. The speaker elaborated the working-mechanisms of such kits, their applicability and scope for further developments.

## **PARTICIPANT DETAILS:**

*NO. OF STUDENTS REGISTERED FOR THE PROGRAMME: 41*

*NO. OF STUDENTS ATTENDED THE PROGRAMME: 32*

**OUTCOME OF THE PROGRAMME:**

The students came to know about the existing global health crises, their reasons and how they can have severe impacts on global economy if left undiagnosed and uncontrolled. They were made aware of the latest developments in the field of medical research and allied technologies.

## GLIMPSES FROM THE SEMINAR



**PIC.1: THE SPEAKER WITH HIS PRESENTATION**



**PIC.2: THE SPEAKER IN ACTION**

# GOVERNMENT GENERAL DEGREE COLLEGE AT MANGALKOTE

## UGC-SEMINAR COMMITTEE

DATE: 16.02.19

**TITLE OF SEMINAR: RAPID DIAGNOSTIC TESTS**

**SPEAKER:** Dr. Debraj Biswal, Assistant Professor, Department of Zoology, GGDC, Mangalkote

### STUDENTS ATTENDANCE CUM PARTICIPATION REPORT

SL. NO.	NAMES OF REGISTERED STUDENTS	STREAM	YEAR / SEMESTER	PRESENT/ABSENT
1	ARPITA NANDI	BA GEN.	PT. III	PRESENT
2	FARIDA KHATUN	BA GEN.	PT. III	PRESENT
3	MRINMOY GARAI	ZOOLOGY	PT. III	PRESENT
4	SHREYASREE DEY	ZOOLOGY	PT. III	PRESENT
5	SK NUR ALAM	ZOOLOGY	PT. III	PRESENT
6	SUNANDA DEY	ZOOLOGY	PT. III	PRESENT
7	ANKITA MONDAL	ZOOLOGY	SEM IV	ABSENT
8	AYAN GHOSH	ZOOLOGY	SEM IV	PRESENT
9	INDRAJIT GHOSH	ZOOLOGY	SEM IV	PRESENT
10	JANMENJOY SARKAR	ZOOLOGY	SEM IV	ABSENT
11	KRISHNA PAL	ZOOLOGY	SEM IV	PRESENT
12	PUJA MONDAL	ZOOLOGY	SEM IV	PRESENT
13	RUMI GHOSH	ZOOLOGY	SEM IV	PRESENT
14	SANJU PAL	ZOOLOGY	SEM IV	PRESENT
15	RAJIB PAL	ZOOLOGY	SEM II	PRESENT
16	ANIMESH GHOSH	ZOOLOGY	SEM II	PRESENT
17	AYAN MUKHERJEE	ZOOLOGY	SEM II	ABSENT
18	BIPLAB BHANDARI	ZOOLOGY	SEM II	PRESENT
19	BISWARUP PRODHAN	ZOOLOGY	SEM II	ABSENT
20	FATEMA KHATUN	ZOOLOGY	SEM II	PRESENT
21	IPSITA MONDAL	ZOOLOGY	SEM II	PRESENT
22	ITI MONDAL	ZOOLOGY	SEM II	PRESENT
23	KAKALI SAMANTA	ZOOLOGY	SEM II	PRESENT

*Madhumita Chakraborty*

CONVENER  
UGC-SEMINAR COMMITTEE  
GGDC, MANGALKOTE

*Basu*



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

24	PAYEL MUKHERJEE	ZOOLOGY	SEM II	PRESENT
25	RUPAK MONDAL	ZOOLOGY	SEM II	ABSENT
26	SAIYAD BENOZIR	ZOOLOGY	SEM II	PRESENT
27	SUDESHNA DEY	ZOOLOGY	SEM II	ABSENT
28	SURAJIT MITRA	SOCIOLOGY	PT. III	PRESENT
29	NARGIS KHATUN	SOCIOLOGY	PT. III	PRESENT
30	NOORHUMA KHATUN	SOCIOLOGY	SEM IV	ABSENT
31	KALI CHARAN MAJHI	SOCIOLOGY	SEM II	ABSENT
32	PROSUNE DAS	HISTORY	PT. III	PRESENT
33	SAJIDA KHATUN	HISTORY	PT. III	PRESENT
34	MADHUMITA PAL	HISTORY	SEM IV	PRESENT
35	SILPA MONDAL	ENGLISH	PT. III	PRESENT
36	SAYAN DEY	ENGLISH	SEM IV	PRESENT
37	NOWRIN MIDDA	BENGALI	PT. III	ABSENT
38	PUJA PRODHAN	BENGALI	PT. III	PRESENT
39	SOUROV DEY	BENGALI	SEM II	PRESENT
40	SUKANTA DAS	BENGALI	SEM II	PRESENT
41	TANIYA SULTANA	BENGALI	SEM II	PRESENT

*Madhumita Chakraborty.*

**CONVENER**  
**UGC-SEMINAR COMMITTEE**  
**GGDC, MANGALKOTE**

*Basu*



*Dr. Pradipta Kumar Basu*  
OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkote  
Dr. Partha Saradatta, West Bengal-711332

# GOVERNMENT GENERAL DEGREE COLLEGE AT MANGALKOTE

## UGC-SEMINAR COMMITTEE

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DATE: 02.02.19

### NOTICE

All concerned are hereby notified that a Seminar on “*RAPID DIAGNOSTIC TESTS*” has been scheduled to be organised by the UGC-Seminar Committee, GGDC, Mangalkote on 16.02.19 from 1.00 pm – 2.30 pm (venue – Seminar Hall, 2<sup>nd</sup> Floor). The programme aims to make the students aware about the recent developments in the rapid diagnosis of various diseases that are important to prevent the transmission of diseases in a community and also for the timely redressal of health issue. Dr. Debraj Biswal, Assistant Professor, Department of Zoology, GGDC, Mangalkote will act as the in-house resource person for the said programme.

All the departments are requested to encourage their students to participate in the programme and register for the same as early as possible. The brochure will be shared shortly.

### COUNTERSIGNED



**OFFICER-IN-CHARGE  
GGDC, MANGALKOTE**



**CONVENER  
UGC-SEMINAR COMMITTEE  
GGDC, MANGALKOTE**



GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE  
UGC SEMINAR COMMITTEE

Invites you to join the  
**SEMINAR**  
on  
**RAPID DIAGNOSTIC TESTS**

on 16.02.19  
AT: 01.00 P.M.  
Venue: Seminar Hall, 2<sup>nd</sup> Floor



***ABOUT THE PROGRAMME:***

There has been tremendous developments in the field of rapid diagnosis which mainly targets the economically deprived countries and documentation of the endemic diseases therein. It serves as a preventive measure for a pandemic breakout and also helps in large volumes of tests to be carried out by researchers/medical practitioners in a particular geographical area. Further technological developments in this sector can increase the sensitivity and ease of operation of these tools. Affordability is also an important factor which the researchers have to keep in mind while working in this area. The programme aims to make the aware of these research developments and their roles in boosting the health sector in the future.

***TARGET AUDIENCE:***

U.G. Students of GGDC, Mangalkote

**SPEAKER:**

**DR. DEBRAJ BISWAL**

ASSISTANT PROFESSOR,  
DEPARTMENT OF ZOOLOGY,  
GGDC, MANGALKOTE





Government of West Bengal  
Office of the Principal  
**GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE**  
PANCHANANTALA, KHUDRUN DIGHI, MANGALKOTE  
P.O. - MAJHIGRAM; BLOCK - MANGALKOTE; SUB DIVISION - KATWA  
DISTRICT - PURBA BARDHAMAN; WEST BENGAL; PIN CODE - 713132; INDIA  
Email: ggdc Mangalkote@gmail.com; Website: <https://mangalkotegovtcollege.org>

To,  
Dr. Debraj Biswal  
Assistant Professor  
Department of Zoology  
GGDC, Mangalkote, Burdwan

**Sub: Invitation to deliver a Special Lecture titled “*Rapid Diagnostic Tests*” in the in-house seminar organized by UGC-Seminar Committee, GGDC, Mangalkote on 16.02.2019 at 01:00 PM.**

Sir,

It is our honour to invite you as a speaker to deliver a Special Lecture titled “*Rapid Diagnostic Tests*” in the in-house seminar organized by UGC-Seminar Committee, GGDC, Mangalkote on 16.02.2019 at 01.00 pm. We sincerely hope that it will be an enriching experience for the students to listen to your thought provoking and pertinent deliberation.

We shall be highly obliged if you kindly accept our invitation.

**Officer-In-Charge  
GGDC, Mangalkote**





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Email: [ggdcmangalkote@gmail.com](mailto:ggdcmangalkote@gmail.com); Website: <https://mangalkotegovtcollege.org>

## *Certificate of Appreciation*

**This certificate is awarded to:**

**Dr. Debraj Biswal**  
Assistant Professor, Department of Zoology  
GGDC, Mangalkote

In recognition of his valuable contribution as an in-house speaker in the seminar entitled “*Rapid Diagnostic Tests*” on 16.02.2019, organized by the UGC-Seminar Committee, GGDC, Mangalkote.

**Officer-In-Charge**  
**GGDC, Mangalkote**



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