GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE

SEMINAR REPORT

ON

USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?

ORGANISED BY: UGC-SEMINAR COMMITTEE

DATE: 03.05.19 TIME: 2.00 pm – 3.30 pm VENUE: Seminar Hall, 2nd Floor



OBJECTIVE OF THE SEMINAR:

The objective of the seminar was to make the students aware about artificial sweeteners which have become very popular on various platforms of advertisement. Even though they are marketed to be safe and prescribed for the diabetic they have certain safety issues which have cropped up in the recent years. The programme aimed to discuss all these issues.

SPEAKER:

Dr. Pradipta Kumar Basu, Associate Professor and Head, Department of Chemistry, GGDC, Mangalkote

PROCEEDINGS OF THE SEMINAR:

The speaker began by describing the chemical, aspartame (L- α -aspartyl-L-phenylalanine methyl ester) which is the principal artificial, non-saccharide low-calorie sweetener used to sweeten a wide variety of low- and reduced-calorie foods and beverages, including low-calorie tabletop sweeteners. Then, he described its chemical composition - it is composed of two amino acids, aspartic acid and phenylalanine, as the methyl ester. He went on to describe amino acids as the building blocks of protein. He further stated that aspartic acid and phenylalanine are found naturally in protein containing foods, including meats, grains and dairy products. Methyl esters are also found naturally in many foods, such as fruits and vegetables and their juices. Further, he stated that 'Aspartame' used to make Nutrasweet / Equal / Sugarfree is sometimes labelled as phenylalanine in products, has been the subject of heated controversy—both because of safety issues and the shady circumstances surrounding its approval. Describing the health issues of aspartame, he mentioned that it is not safe for the patients with Phenylketonuria (PKU), a rare inherited disease that prevents the essentials amino acid phenylalanine from being properly metabolized and causing health problems including mental retardation. Although there are controversies considering possible connections between aspartame and diseases such as brain tumours, brain lesions and lymphoma, and taking into account alleged conflicts of interest during the approval process, the safety of aspartame has been proven again and again, backed by more than three decades of research and over 200 scientific studies. He presented the data regarding the certification of aspartame as safe for human consumption by The European Food Safety Authority (EFSA), national regulators in Japan, Australia, New



Zealand, and Australia. Moreover, the WHO's JECFA certified Aspartame as safe for human consumption and around 100 countries around the world, including India, allowing the use of aspartame. Additionally, leading health authorities, such as the American Medical Association, the American Dietetic Association, and the American Diabetes Association, agree that aspartame is safe. Finally, the speaker ended his lecture by highlighting the controversy it has given rise to emphasizing further researches in this field.

PARTICIPANT DETAILS:

NO. OF STUDENTS REGISTERED FOR THE PROGRAMME: **45** NO. OF STUDENTS ATTENDED THE PROGRAMME: **30**

OUTCOME OF THE PROGRAMME:

The students came to know about artificial sweeteners, the controversy surrounding them and their heath issues.



GLIMPSES FROM THE SEMINAR



PIC.1: THE SPEAKER WITH HIS PRESENTATION ON 03.05.19



PIC.2: THE SPEAKER DELIVERING HIS LECTURE ON 03.05.19



GOVERNMENT GENERAL DEGREE COLLEGE AT MANGALKOTE

UGC-SEMINAR COMMITTEE

DATE: 03/05/2019 artificial Sweetner "Aspartame"-Use of TITLE OF SEMINAR: sate not? or

STUDENTS ATTENDANCE CUM PARTICIPATION REPORT

SL. NO.	NAMES OF REGISTERED STUDENTS	STREAM	YEAR / SEMESTER	SIGNATURE OF STUDENT
1	MRINMOY GARAI	ZOOLOGY	PT. III	Mainmay Gara
2	SHREYASREE DEY	ZOOLOGY	PT. III	Shney Aside Dey
3	SK NUR ALAM	ZOOLOGY	PT. III	SK nur malan
4	SUNANDA DEY	ZOOLOGY	PT. III	
5	INDRAJIT GHOSH	ZOOLOGY	SEM IV	Indrajul Ghosh
6	JANMENJOY	ZOOLOGY	SEM IV	Janmentog
	SARKAR			Sarakan
7	KRISHNA PAL	ZOOLOGY	SEM IV	Krishna Pal
8	PUJA MONDAL	ZOOLOGY	SEM IV	Puza Mondal
9	RUMI GHOSH	ZOOLOGY	SEM IV	Runni Gzholsh
10	SANJU PAL	ZOOLOGY	SEM IV	Sanju tal
11	IPSITA MONDAL	ZOOLOGY	SEM II	IPSita mondal
12	ITI MONDAL	ZOOLOGY	SEM II	ITI mondell
13	JANNATUNNESA KHATUN	ZOOLOGY	SEM II	Jannatunnesa Khatun
14	KAKALI SAMANTA	ZOOLOGY	SEM II	
15	PAYEL MUKHERJEE	ZOOLOGY	SEM II	
16	RAJIB PAL	ZOOLOGY	SEM II	Raji & Pal
17	RIMA MONDAL	ZOOLOGY	SEM II	Rima mondal
18	NARGIS KHATUN	SOCIOLOGY	PT. III	Mapg's Ishatun
19	MANDIRA DAS	SOCIOLOGY	SEM IV	
20	SAHELI DUTTA	SOCIOLOGY	SEM II	Saheli Dutta,
21	SANCHITA DUTTA	SOCIOLOGY	SEM II	
22	SOUMEN PAL	ENGLISH	PT. III	soumen pal

Sulismita Day

CONVENER UGC-SEMINAR COMMITTEE GGDC, MANGALKOTE

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



45	SUNANDA ADHIKARY	BA GEN.	SEM II	
44	SUKARNA PANJA	BA GEN.	SEM II	
43	NABI MALLICK	BA GEN.	SEM IV	North mallick
42	JOYDEB DAS	BA GEN.	SEM IV	Toyleb Lows.
41	ANUSRI PRAMANIK	BA GEN.	PT. III	
40	SK NASIMUDDIN	BA GEN.	PT. III	Sh. Masimuddin
39	DEBABRATA PAL	POL. SC.	SEM II	Debabijata Kal
38	ASHOK DAS	POL. SC.	SEM II	Ashuk Dag
37	SOUMIKA PINE	BENGALI	SEM II	
36	SOMA DAS	BENGALI	SEM II	Soma Das
35	TINKU SARDAR	BENGALI	SEM IV	
34	NIRMAL DAS	BENGALI	PT. III	Nigrmal Day
33	SUDWIPTA PAL	BENGALI	PT. III	0
32	UMEDA PARVIN	HISTORY	SEM II	Uneda Parrin.
31	UJJAL SARDAR	HISTORY	SEM II	U, Sundan
30	SUPRIYA GHOSH	HISTORY	SEM II	Supriva Ghoch
29	ROBINA KHATUN	HISTORY	SEM IV	
28	RIMA KHATUN	HISTORY	SEM IV	
27	NAYAN JYOTI ROY	HISTORY	SEM IV	Nuyan Soyati Roy
26	CHANCHAL MAJHI	HISTORY	PT. III	Chanchal Majhi
25	MANASHI HALDAR	ENGLISH	SEM II	5
24	JAYANTI HANSDA	ENGLISH	SEM II	Jayanti Hansda.
	GHOSH	ENGLISH		
23	SOURENDRA NATH		SEM IV	

Sudismite Des:

CONVENER UGC-SEMINAR COMMITTEE GGDC, MANGALKOTE

L .

Type text here

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

GOVERNMENT GENERAL DEGREE COLLEGE AT MANGALKOTE

UGC-SEMINAR COMMITTEE

DATE: 25.04.19

NOTICE

All concerned are hereby notified that a Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' has been scheduled to be organised by the UGC-Seminar, GGDC, Mangalkote on 03.05.19 from 2.00 pm – 3.30 pm (venue – Seminar Hall, 2nd Floor). The programme aims to make the students aware about the health effects of artificial sweeteners. Dr. Pradipta Kumar Basu, Associate Professor and Head, Department of Chemistry, GGDC, Mangalkote will act as the inhouse resource person in the said programme.

Accordingly, all the departments are requested to encourage their students for maximum participation in the said programme and register for the same. The brochure will be shared soon.

COUNTERSIGNED

OFFICER-IN-CHARGE GGDC, MANGALKOTE

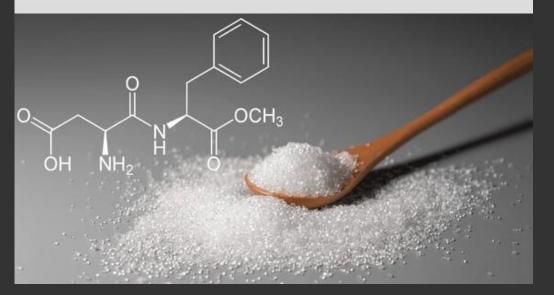
Julismita Das:

CONVENER UGC-SEMINAR COMMITTEE GGDC, MANGALKOTE



GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE UGC SEMINAR COMMITTEE Invites you to join the SEMINAR on Use of artificial sweetener "Aspartame"- Safe or not?

on 03.05.19 at: 02.00 P.M. Venue: Seminar Hall, 2nd Floor



ABOUT THE PROGRAMME:

The rising use of artificial sweeteners in the past few years as a healthy alternative to sugar that can prevent diabetes has caught the attention of the researchers. Several studies have found that these artificial sweeteners can cause more harm to human health contrary to the advertisements. The programme aims to discuss these effects of artificial sweeteners and the related health complications.

TARGET AUDIENCE:

U.G. Students of GGDC, Mangalkote

SPEAKER:

DR. PRADIPTA KUMAR BASU

ASSOCIATE PROFESSOR & HEAD, DEPARTMENT OF CHEMISTRY, 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: ggdcmangalkote@gmail.com; Website: https://mangalkotegovtcollege.org

To, Dr. Pradipta Kumar Basu Associate Professor and Head Department of Chemistry GGDC, Mangalkote, Burdwan

Sub: Invitation to deliver a Special Lecture titled "*Use of Artificial Sweetener "Aspartame" – Safe or Not?*" in the in-house seminar organized by UGC-Seminar Committee, GGDC, Mangalkote on 03.05.2019 at 02:00 PM.

Sir,

It is our honour to invite you as a speaker to deliver a Special Lecture titled "*Use of Artificial Sweetener "Aspartame"* – *Safe or Not?*" in the in-house seminar organized by UGC-Seminar Committee, GGDC, Mangalkote on 03.05.2019 at 02:00 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







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: ggdcmangalkote@gmail.com; Website: <u>https://mangalkotegovtcollege.org</u>

Certificate of Appreciation

This certificate is awarded to:

Dr. Pradipta Kumar Basu Associate Professor and Head, Department of Chemistry GGDC, Mangalkote

In recognition of his valuable contribution as an in-house speaker in the seminar entitled "*Use of Artificial Sweetener "Aspartame" – Safe or Not?*' on 03.05.2019, organized by the UGC-Seminar Committee, GGDC, Mangalkote.

Officer-In-Charge GGDC, Mangalkote





CERTIFICATES OF THE PARTICIPATING STUDENTS HAVE BEEN ATTACHED BELOW







This is to certify that <u>MRINMOY GARAI</u> of Part <u>III</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>SHREYASREE DEY</u> of Part <u>III</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>SK NUR ALAM</u> of Part <u>III</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>INDRAJIT GHOSH</u> of Semester <u>IV</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>JANMENJOY SARKAR</u> of Semester <u>IV</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>KRISHNA PAL</u> of Semester <u>IV</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>PUJA MONDAL</u> of Semester <u>IV</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>RUMI GHOSH</u> of Semester <u>IV</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Semínar Commíttee



This is to certify that <u>SANJU PAL</u> of Semester <u>IV</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>IPSITA MONDAL</u> of Semester <u>II</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>ITI MONDAL</u> of Semester <u>II</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>JANNATUNNESA KHATUN</u> of Semester <u>II</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>RAJIB PAL</u> of Semester <u>II</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Semínar Commíttee



This is to certify that <u>RIMA MONDAL</u> of Semester <u>II</u>, Dept. of <u>ZOOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>NARGIS KHATUN</u> of Part <u>III</u>, Dept. of <u>SOCIOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Semínar Commíttee



This is to certify that <u>SAHELI DUTTA</u> of Semester <u>II</u>, Dept. of <u>SOCIOLOGY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordinator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>SOUMEN PAL</u> of Part <u>III</u>, Dept. of <u>ENGLISH</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>JAYANTI HANSDA</u> of Semester <u>II</u>, Dept. of <u>ENGLISH</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>CHANCHAL MAJHI</u> of Part <u>III</u>, Dept. of <u>HISTORY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>NAYAN JYOTI ROY</u> of Semester <u>IV</u>, Dept. of <u>HISTORY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>SUPRIYA GHOSH</u> of Semester <u>II</u>, Dept. of <u>HISTORY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>UJJAL SARDAR</u> of Semester <u>II</u>, Dept. of <u>HISTORY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>UMEDA PARVIN</u> of Semester <u>II</u>, Dept. of <u>HISTORY</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>NIRMAL DAS</u> of Part <u>III</u>, Dept. of <u>BENGALI</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>SOMA DAS</u> of Semester <u>II</u>, Dept. of <u>BENGALI</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>ASHOK DAS</u> of Semester <u>II</u>, Dept. of <u>POLITICAL SCIENCE</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordinator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>DEBABRATA PAL</u> of Semester <u>II</u>, Dept. of <u>POLITICAL SCIENCE</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC-Semínar Commíttee



This is to certify that <u>SK NASIMUDDIN</u> of Part <u>III</u>, Dept. of <u>B.A. (GENERAL)</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

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

pulismita Das.

Convener, UGC–Seminar Committee



This is to certify that <u>JOYDEB DAS</u> of Semester <u>IV</u>, Dept. of <u>B.A. (GENERAL)</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal

Officer in Charge

Government General Degree College, Mangalkote Dt. Purba Bardhaman, West Bengal- 713132

OFFICER IN CHARGE, W.B.E.S.

Dr. Pradipta Kumar Basu

Coordínator, IQAC

pulismita Das.

Convener, UGC–Semínar Commíttee



This is to certify that <u>NABI MALLICK</u> of Semester <u>IV</u>, Dept. of <u>B.A. (GENERAL)</u>, GGDC, Mangalkote has successfully participated in the Seminar on 'USE OF ARTIFICIAL SWEETENER "ASPARTAME" – SAFE OR NOT?' held on 03.05.2019 at Government General Degree College, Mangalkote, West Bengal



Coordínator, IQAC

pulismita Das.

Convener, UGC–Seminar Committee