MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

E-mail : mugberia_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.ac.in

Report

On

Soft Skill Development Programme

Organized by

Department of Mathematics

Mugberia Gangadhar Mahavidyalaya

Soft Skills training gives a comprehensive understanding of the true perspective of application of skills as expected at the present work scenario. Therefore, examples, case studies, and exercises are tailor-made to suit the needs of students of Patrician college have been provided.

Objectives: To develop accuracy – this training aims at facilitating and teaching Soft Skills• To provide realistic examples to students. In addition to this, dialogues used in everyday• life, exchanges and responses using case studies as examples are given to make a better living at industry and world To allow students to place new information and skills development into a larger context• The students can make use of this training to understand the essentials of language skills. Understanding Different Speech Sounds, Learning Pronunciation, Speaking Without Errors, Building Conversations, Understanding Non-verbal Communication, Formal and Informal Communication, the right Etiquette for Public Speaking and Business Presentations, Personality Development and Building Self-Esteem, Team Building and Group Discussion, Facing Different Types of Interviews with Confidence and Preparing for and Delivering Successful Business Presentations are some areas students become familiar with.

List of the Programme

1. Wall magazine in Mathematics Department on 21.03.2023.
2. Wall magazine in Mathematics Department on 20.03.2022.
3. Wall magazine in Mathematics Department on 30.09.2019.
4. Workshop on Soft Computing in Mathematics Department on 3rd March 2023.
5. Three Days International Webinar On "Mathematical Modelling In The Context Of Covid-19"on 30th , 31st August and 1st September, 2020 Under DBT STAR COLLEGE Strengthening Scheme (Govt. of India).

NOTICE

Dated: 20/03/2023

This is to hereby notify all the students that the dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to publish a Wall magazine in Mathematics Department at 12.15PM on 21.03.2023. All the students and Teachers of the college are requested to be present in this programme.

20.03.2023

Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal
Mugberia Gangadhar Mahavidyalaya

Wall Magazine Report

Total number of Participants:95 (Male:40,

Title: **Mathematical Diary**

Year of Publication: **2023 (march)**

Inaugurated by:	Dr. Swapan Kumar Misra, Principal, MGM
Convener:	Mr.Hiranmoy Manna
Published by:	Department of Mathematics (UG & PG)
Financially Helped by:	**DBT STAR COLLEGE**
SCHEME	

Other person presents:
Dr.KalipadaMaity (HOD (Dept. of Mathematics)
Dr.Bidhan Chandra Samanta (HOD dept. of chemistry)
Dr. Prasenjit Ghosh (HOD Dept. of History)
Dr.Manoranjan De (Dept. of Mathematics)
         Suman Kumar Giri (Dept. of Mathematics)
         Debraj Manna (Dept. of Mathematics)
         Hiranmoy Manna (Dept. of Mathematics)
         Bikash Panda (Dept. of Mathematics)
         Madhumita Sahoo Giri (Dept. of Mathematics)
         SantuHati (Dept. of Mathematics)
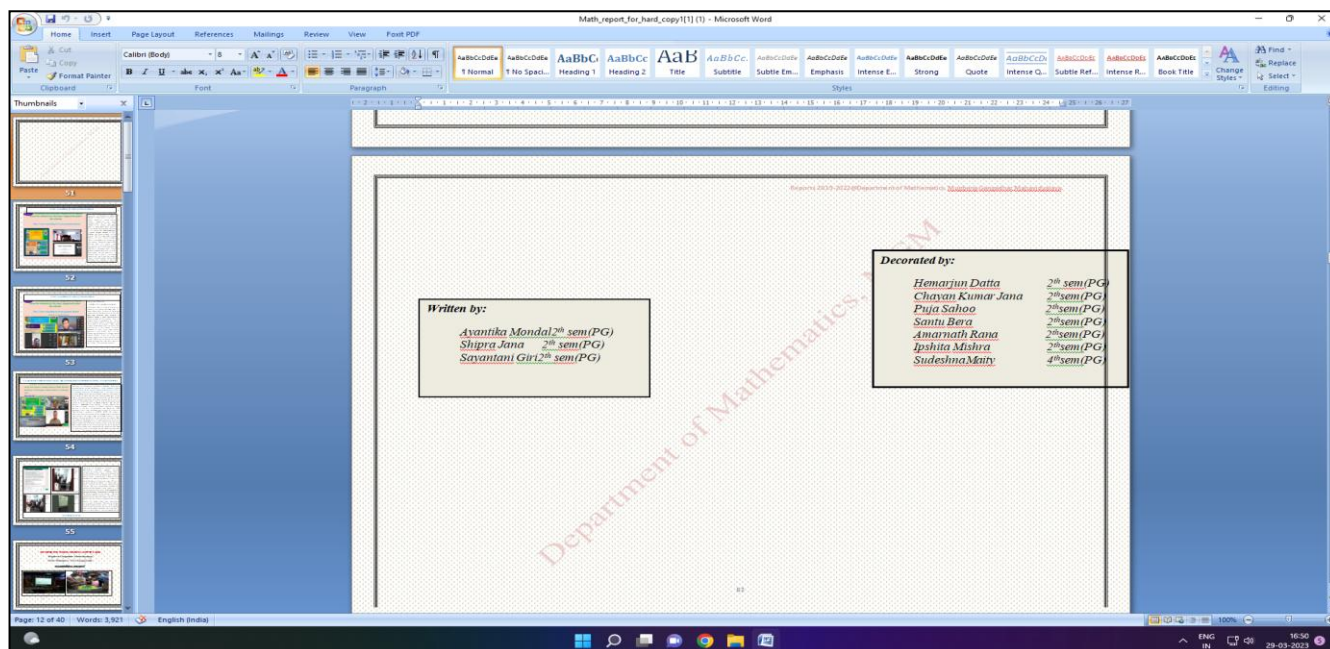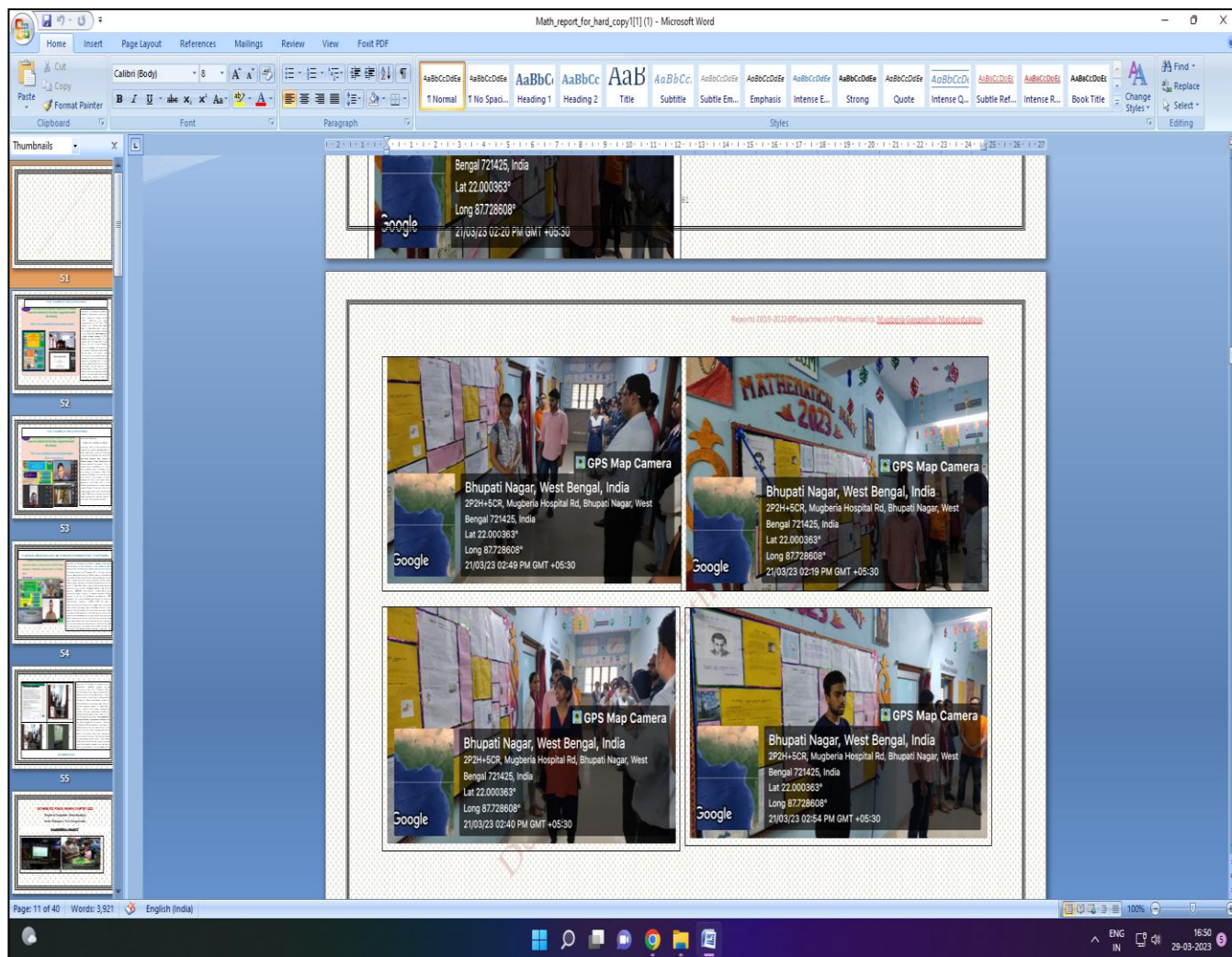   Goutam Kumar Mondal (Dept. of Mathematics)

Different Mathematician and contribution published in Wall Magazine

	Mathematician's Name	Student name	Semester(UG/PG)
1	Manjul Bhargava	Shipra Jana	2nd sem(PG)
2	Leonhard Euler	Chayan Kumar Jana	2nd sem(PG)

Topic with presentation	Students Name	Semester
Inauspicius Number 13	Poushali Tripathi	4th sem(PG)
Mathematics in TAJMAHAL	Shibam Majhi	4th sem(UG)
MathematicalMystery : Russell's paradox	Tapasi Karan	4th sem(PG)
Fourier transforms and its application on audio and image processing	SudeshnaMaity	4th sem(PG)
Artificial intelligence & Machine learning	AmivendraMaiti	6th sem(UG)
Draw brand symbol by Golden Ratio	SoumyadeepBej	6th sem(UG)
Rhythm is to music as numbers are to math	SanchayanLaha	4th sem(PG)
Predicting Gross domestic product using differential equation	Samapti Jana	4th sem(UG)
Significance of no.18 in the Mahabharata	Jatindranath Samanta	6th sem(UG)
About Pie	Avantika Mondal	2nd sem(PG)
ECDSA	Diptangshu Barman	4th sem(PG)

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Long 87.728608°
Google
21/03/23 02:20 PM GMT +05:30

Reports 2019-2022@Department of Mathematics, Mugberia Gangadhar Mahavidyalaya

Reports 2019-2022@Department of Mathematics, Mugberia Gangadhar Mahavidyalaya

Written by:

Ayantika Mondal 2th sem(PG)
Shipra Jana 2th sem(PG)
Sayantani Giri 2th sem(PG)

Decorated by:

Hemarjun Datta 2th sem(PG)
Chayan Kumar Jana 2th sem(PG)
Puja Sahoo 2th sem(PG)
Santu Bera 2th sem(PG)
Amarnath Rana 2th sem(PG)
Ipshita Mishra 2th sem(PG)
Sudeshna Maity 4th sem(PG)

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NOTICE

Dated: 08/03/2022

This is to hereby notify all the students that the dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to publish a Wall magazine in Mathematics Department at 12.15PM on 10.03.2022.. All the students and Teachers of the college are requested to be present in this programme.

8-03.2022

Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal
Mugberia Gangadhar Mahavidyalaya
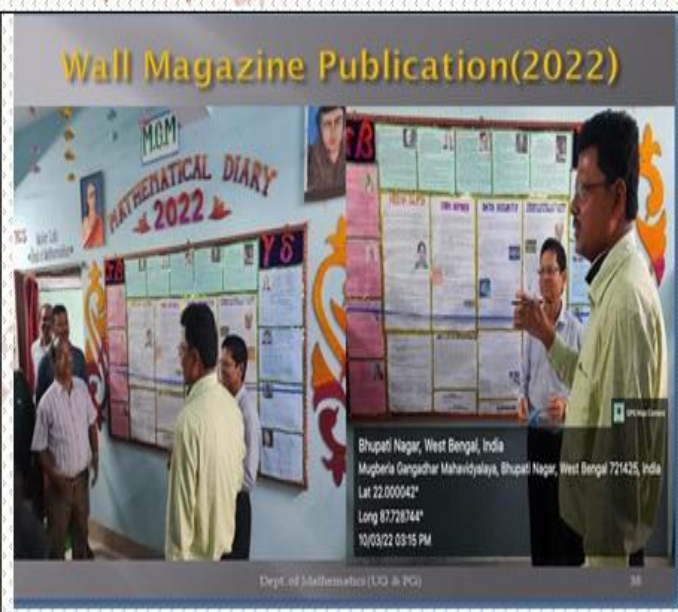
ESTD.-1964
Purba
Medinipur

Wall Magazine Report

Total number of Participants:
128 (Male:68, Female:60)

Title: **Mathematical Diary**

Year of Publication: **2022 (march)**

Inaugurated by:	Dr. Swapan Kumar Misra, Principal, MGM
Convener:	Mr.Hiranmoy Manna
Published by:	Department of Mathematics (UG & PG)
Financially Helped by:	**DBT STAR COLLEGE SCHEME**

Other person presents:
Dr. Kalipada Maity (HOD (Dept. of Mathematics)
Dr. Bidhan Chandra Samanta (HOD dept. of chemistry)
Dr. Prasenjit Ghosh (HOD Dept. of History)
Dr. Manoranjan De (Dept. of Mathematics)
     Suman Kumar Giri (Dept. of Mathematics)
     Debraj Manna (Dept. of Mathematics)
     Hiranmoy Manna (Dept. of Mathematics)
     Bikash Panda (Dept. of Mathematics)
     Madhumita Sahoo Giri (Dept. of Mathematics)
     Santu Hati (Dept. of Mathematics)
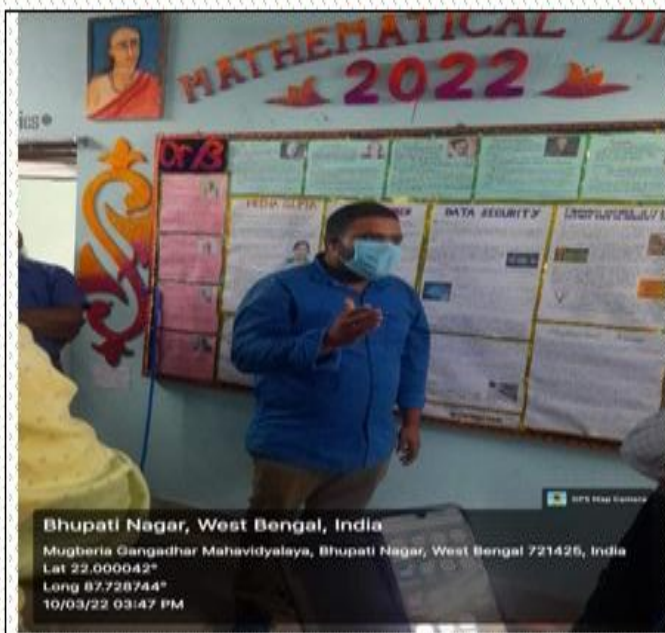   Goutam Kumar Mondal (Dept. of Mathematics)

Different Mathematician and contribution published in Wall Magazine

	Topic with presentation	Student name	Semester(UG/PG)
1	Data Security	Manoj Maity	6th (UG)
2	Neena Gupta	Sougata Bera	4th (UG)
3	ISBN Number	Sudeshna Mity	2nd (UG)
4	Super Golden Ratio	Subhendu Bhunia	4th (PG)
5	One's life in Mathematics	Gouttam Jana	2nd (PG)
6	Golden Ratio	Sougata Bera	4th (PG)
7	Mathematical Finance	Poushali Tripathy	2nd (PG)

Mathematician's Name	Students Name	Semester
Brahmagupta	Harekrishna Maity	4th sem(UG)
Aryabhata	Moumita Tunga	4th sem(PG)
Pythagoras	Parthapratim sahoo	4th sem(UG)
Euclid	Megha Santra	6th sem(UG)
George Cantor	Susmita Pahari	4th sem(PG)
Leonhard Euler	Indrani Das	6th sem(UG)
Carl Friedrich Gauss	Gurupada Jana	4th sem(PG)
Jean le road D'Alembert	Saswati Giri	6th sem(UG)
Archimedes	Bithi Maikap	6th sem(UG)
Augustus Louis Cauchy	Subha Pradhan	4th sem(PG)
Srinivasa Ramanujan	Swarnendu Pradhan	4th sem(PG)
Niels Henrik Abel	Surajit Bhanja	4th sem(PG)
Akshay Venkatesh	Suryasekhar Giri	4th sem(PG)

Written by:

Kuheli Mondal   4th sem(PG)
Sougata Bera   4th sem(PG)
Sayani Sinha   4th sem(PG)
Saswati Giri   4th sem(PG)

Decorated by:

Arijit Maity   4th sem(PG)
Anwesha Samnta   6th sem(PG)
Ranjit Pradhan   6th sem(PG)
Santu Bera   6th sem(PG)
Parthapratim Matiy   6th sem(PG)
Pabitra Mondal   6th sem(PG)
Pradip Maity   6th sem(PG)

NOTICE

Dated: 27/09/2022

This is to hereby notify all the students that the dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to publish a Wall magazine in Mathematics Department at 1.15PM on 30.09.2019.. All the students and Teachers of the college are requested to be present in this programme.
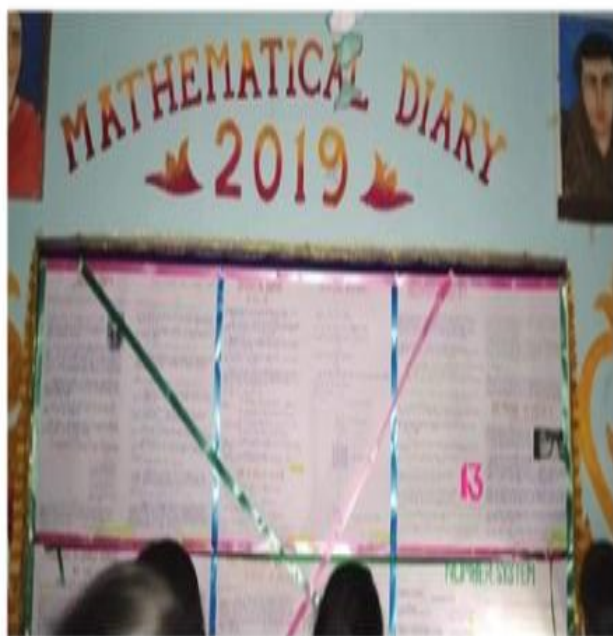
27-09-2022

Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal
Mugberia Gangadhar Mahavidyalaya

Wall Magazine Publication by Departmental Students on 30 September 2019

MUGBERIA GANGADHAR MAHAVIDYALAYA

Notice

Date: 01/03/2023

This is to hereby notify all the students that the dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to organize a Workshop on Soft Computing at 11.00AM on 3rd March 2023. The program will be delivered by lecture. All the students of the college are requested to be present in this programme.

01.03.2023

Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal
Mugberia Gangadhar Mahavidyalaya

Workshop on Soft Computing

on

3rd March 2023

Speaker : Dr. Manoranjan De, Assistant Professor, Dept of Mathematics

Soft Skills is a very popular term nowadays, used to indicate personal transversal competences such as social aptitudes, language and communication capability, friendliness and ability of working in team and other personality traits that characterize relationships between people. Soft Skills are traditionally considered complementary of Hard Skills, which are the abilities to perform a certain type of task or activity. Soft Skills are strategic to be successful in personal and professional life then is essential for the students when they try to obtain any kind of job.
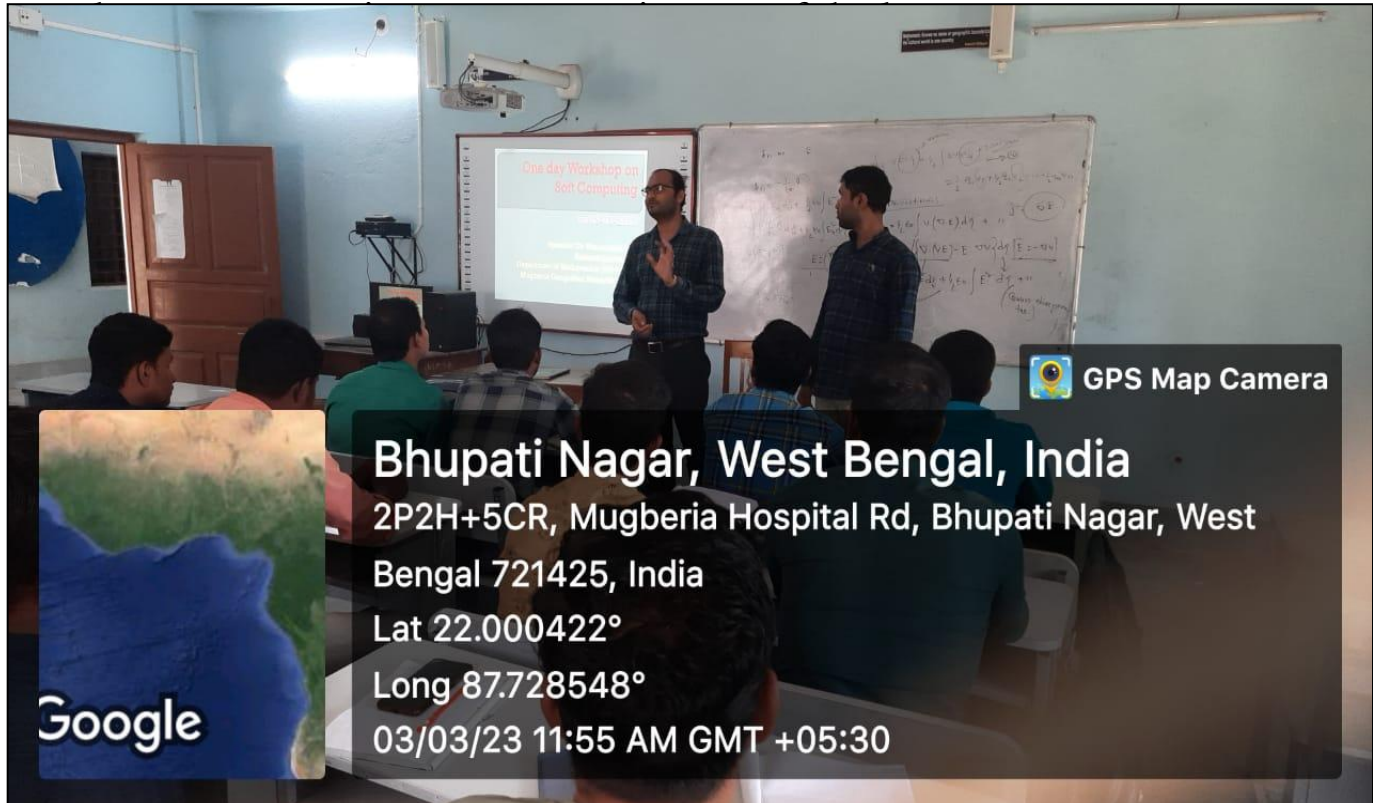
Enterprises generally hire new employees, in particular recent graduates, taking more in consideration their Soft Skills than their Hard Skills. This happens also for technical professions, because the
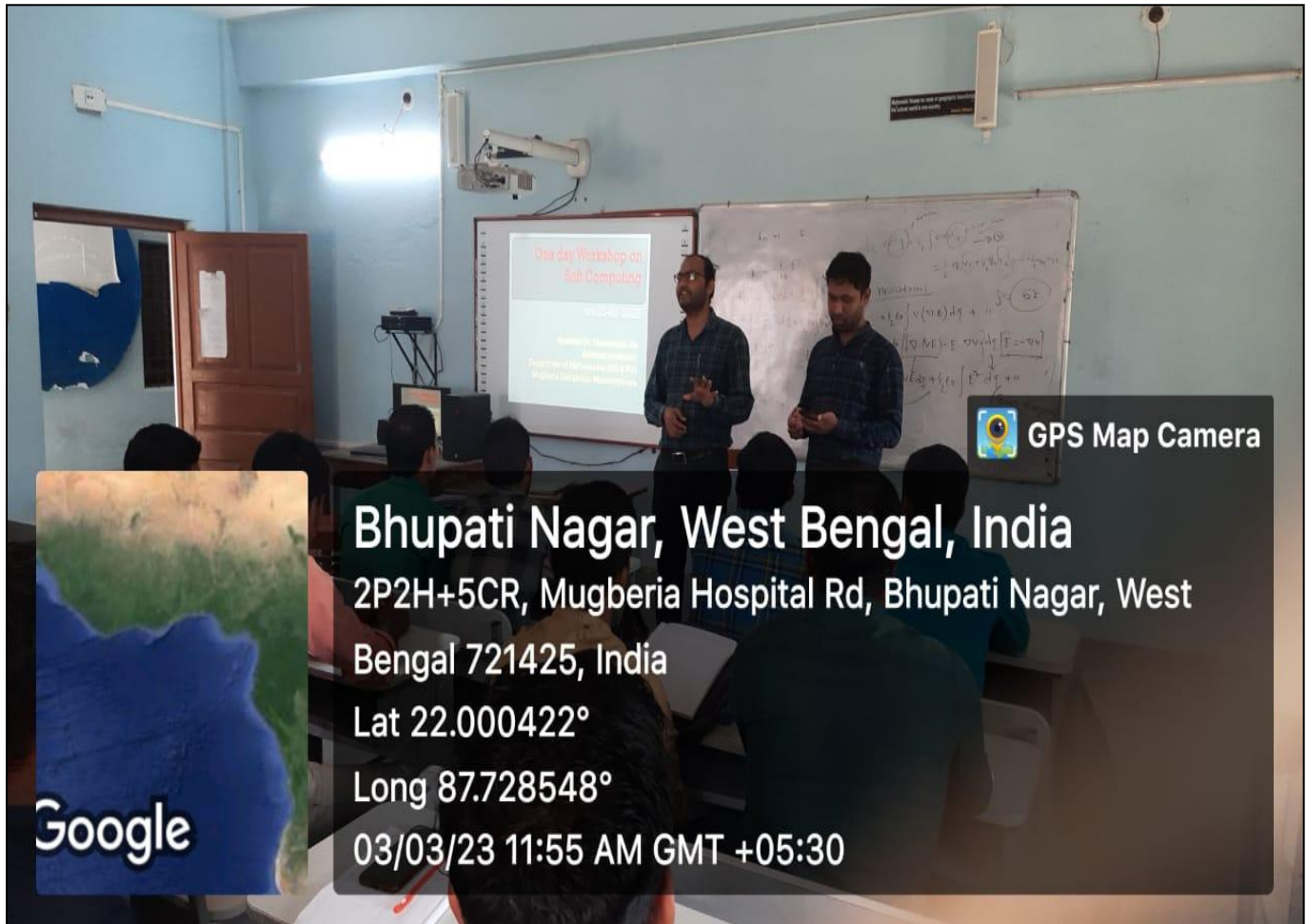
company, in order to be competitive, needs to create good and effective teams and a collaborative working atmosphere. The Mathematics department of the college have organized various types of activities to develop the soft skills of the students enrolled with the institution. These activities of the departments and platforms available helped the learners to learn and acquire soft skills like Communication Skills, Presentation Skills, Written Communication, Interpersonal Skills, Creativity and Leadership etc. In order to improve the communicative abilities of the students Dr. Kalipada Maity, Associate Professor, HOD Department of Mathematics, Mugberia Gangadhar Mahavidyalaya, and other faculty members, of the mathematics department enhance the written communication of the students play significant role. The students are given in depth lessons by organizing workshops, state level elocution competition, interfaculty debates and group discussions and expert talks of the quality speakers and the trainers throughout the academic year. These activities benefit the students to enhance the knowledge of use of language and its spoken aspect. It helped the students for their development of communication skills

To improve the Presentation Skills the departments conducted seminars of the students. The students get participated and perform active role in the Seminars. Topics are given to them to prepare and present to assess their performance. Every year the departments make the organization of such seminars a regular feature of the campus. The Department of English conducts the Poetry Recitation activity which helps the students to learn the presentation skills and enhances the creative capabilities among them. The Group Discussion is the routine practice of the campus may it be the part of the curriculum or not. They learn the art of argument which helps them in practical life ahead and thus develop

interpersonal skills among themselves. The institution has also developed well equipped Language Laboratory supported by digital resources and software like Words Worth. It helps and encourages the

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Bengal 721425, India
Lat 22.000422°
Long 87.728548°

Attendance

One Day Workshop on Soft Computing organized by Dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya

Date: 03/03/2023

Present Members:

03/03/2023

1. _____
2. Alipada Maity, HOD, Dept. of Mathematics
3. Manoranjan De, Asst. Prof. Mathematics Dept.
4. Goutam Kumar Mandal, Teacher, Math Dept.
5. Santu Hati, Teacher, Math Dept
6. Goutam Jana — PG Sem 4
7. Biswen Pahari — 4
8. Debojyoti Maity — 4
9. Raja Kumar Shee — 4
10. Samay Das — 4
11. ___yan Das — 4
12. Pradyot Dalapati — 4
13. Suspendu Soni — 4
14. Binoy patra — 4
15. Saheb Bera — PG Sem 4
16. Diptangshu Barman — PG Sem IV
17. Sumana Maity — PG Sem 4
18. Poushali Tripathy — PG-Sem 4
19. Sudeshna Maity — PG-Sem 4
20. Susmita Sahoo — PG-Sem 4.
21. Snigdha Mandal — PG-Sem 4
22. Sreya Jana — PG-Sem 4
23. Priti Adhikari — PG-Sem 4
24. Suchismita Pradhan — PG-Sem 4
25. Biswajit Mondal — PG-Sem 4
26. Saikat Jana — PG-Sem 4.
27. Snehansu Bhowmik — PG-Sem 4.
28. ___ Pradhan — PG-Sem 4

One Day Workshop on Soft Computing

03/03/2023.

Date: ___/___/___
Page: ___

Rani Sahoo	UG - Sem-6th
... Sasmal	"
... Pradhan	UG - Sem 6th
... tra	UG - Sem 6th
8. Amitava Maiti	UG - Sem 6th
39. Jatindranath Samanta	UG - 6th Sem.
0. Soc... Das	UG - 6th sem.
1. Soumadeep Bej	UG - 6th sem
2. Ba... ti Mondal	UG - 6th sem
43. Su...j... Mondal	UG - 6th Sem
44. Sup...t Maity	UG - 6th Sem
45. Sn...dip Mahapatra	UG - 6th sem

03/03/2023

Dr. Kalipada Maity
Associate Professor of Mathematics
Mugberia Gangadhar Mahavidyalaya

NOTICE

Dated: 20 / 08 / 2020

This is to hereby notify all the students that the dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to organize Three Days International Webinar On "Mathematical Modelling In The Context Of Covid-19"on 30th , 31st August and 1st September, 2020 Under DBT STAR COLLEGE Strengthening Scheme (Govt. of India). All the students, faculty member and researchers are requested to be present in this Webinar.

20.8.2020

Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal

Mugberia Gangadhar Mahavidyalaya

ESTD.-1964
Purba
Medinipur

Three Days International Webinar

On

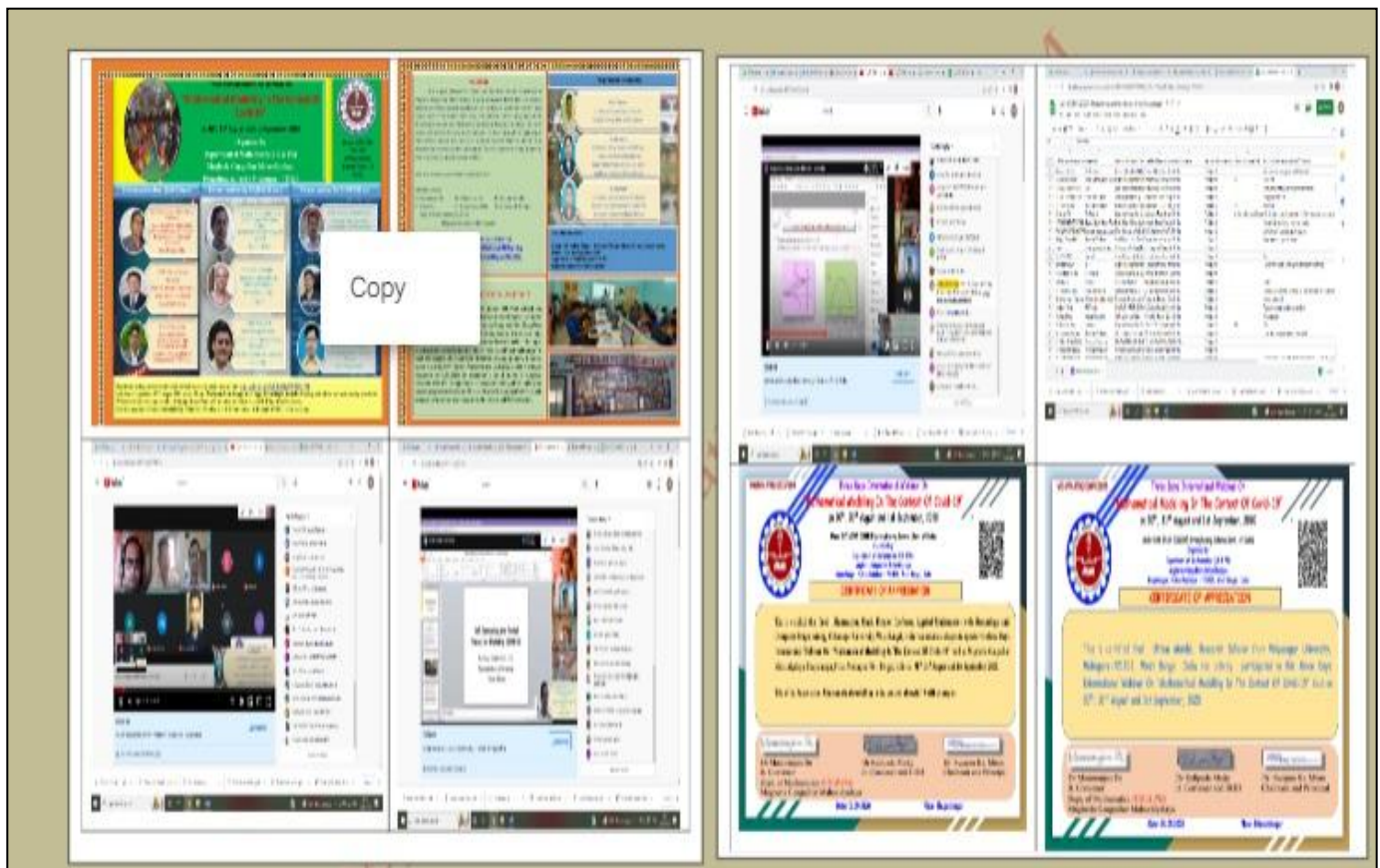"Mathematical Modelling In The Context Of Covid-19"on 30 th , 31 st August and 1st September, 2020

Under DBT STAR COLLEGE Strengthening Scheme (Govt. of India)

Organized by Department of Mathematics

Face book Link:

https://m.facebook.com/story.php?story_fbid=pfbid02Ym VrBVrVrCmrb1EpxjJhyEfnbqLx7kJefQYowSLShrs7cZ2 gQSK69cUp5VFx7wJEl&id=100000134150344&mibexti d=Nif5oz

Day 1: 30.08.2020 (Sunday) 3:00 pm to 5:30pm Indian time

Time	Name of the Speaker	Title of the talk	
3:00 pm – 3:15 pm	Dr Kalipada Maity Jt. Convener, Associate Professor, Coordinator IQAC Cell and Head Department of Mathematics (UG & PG) Mugberia Gangadhar Mahavidyalaya	Introductory Remarks & Welcome Address	
3:15 pm – 3:25 pm	Dr Swapan Kumar Misra, Chair Person & Principal Mugberia Gangadhar Mahavidyalaya	Inaugural Speech	
3:25 pm – 4:10 pm	Keynote Address: Prof. Manoranjan Maiti, Former Professor, Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, West Bengal, India.	Mathematical modelling in the context of covid-19 with examples.	
Technical Session -1.1 : Chairman : Prof. Manoranjan Maiti, Former Professor, Dept. of Applied Mathematics, Vidyasagar University,West Bengal, India.			
4:10 pm – 5:00 pm	Speaker 1: Prof. Pankaj Dutta Associate Professor Decision Sciences and Quantitative Methods Shailesh J. Mehta School of Management, I.I.T.Bombay	A multi-objective optimization model for sustainable reverse logistics in E-commerce market.	
5:00 pm – 5:10 pm	Paper Presenter-1: Modu Bako GREMA, Department of Mathematics and Statistics, Ramat Polytechnic Maiduguri, Borno state. Nigeria.	Analytical Solution of Two-dimensional Heat Equation in the Context of Covid 19 using Dirichlet Boundary Condition	
5:10 pm – 5:30 pm		Participant's question and Speaker's reply session	

End of Day 1

Day 2: 31.08.2020 (Monday) 8:30 am to 11:30 am Indian time

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Technical Session -2.1 : Chairman : Dr. Swapan Kumar Misra, Chairperson & Principal, MGM		
Time	Name of the Speaker	Title of the talk
8:30 am – 9:20 am	Speaker-2: Prof. Oscar Castillo, Ph.D., D.Sc. Research Chair of Graduate Studies Tijuana Institute Technology (SNI Level 3)Tijuana. Mexico	Soft Computing and Fractal Theory in Modeling COVID-19 dynamic behavior
9:20 am – 10:10 am	Speaker-3: Dr. Dilip Jana Manager, Principal Fata Scientist Walmart Labs, Dallas, TX, USA	Application of Mathematics and Artificial Intelligence to solve COVID-19 related business problems
Technical Session -2.2: Chairman: Dr. Manoranjan De, Jt. Convener & Assistant Professor, Dept. of Mathematics (UG&PG), MGM		
10: 20 am – 11:10 am	Speaker-4: Dr. Ram Rup Sarkar Senior Principal Scientist Chemical engineering and Process Development CSIR-National Chemical Laboratory Pune, India	On the Temporal Analysis of COVID-19 Pandemic and Prediction R
11: 10 am – 11:20 am	Paper Presenter-2: Durbar Maji Department of Applied Mathematics with Oceanology and Computer Programming. Vidyasagar University, Midnapore - 721102, India	Exact Formulae of The Third Leap Zagreb Index for Some Graph Operations.
11:20 am – 11:30 am		Participant's question and Speaker's reply session

**************************************End of Day 2**

Day 3: 01.09.2020 (Tuesday) 3:00 pm to 5:30pm Indian time

Technical Session -3.1: Chairman: Prof. Samarjit Kar, Dept of Mathematics, National Institute of Technology

Durgapur West Bengal, India		
Time	Name of the Speaker	Title of the talk
3:00 pm – 3:50 pm	**Speaker-5:** Prof. Shyamal Kumar Mandal, Professor, Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, West Bengal, India.	Nobility of Mathematics in analyzing the insights of infections diseases like COVID-19
Technical Session -3.2: Chairman:Prof. Shyamal Kumar Mandal, Professor, Dept. of Applied Mathematics withOceanology and Computer Programming, Vidyasagar University, West Bengal, India.		
3:50 pm – 4:40 pm	**Speaker-6:** Prof. Samarjit Kar, Professor, Dept of Mathematics National Institute of Technology, Durgapur West Bengal, India	Fuzzy based infections disease modeling for SARS-CoV-2
Technical Session -3.3: Chairman:Dr. Kalipada Maity, Jt. Convener & Assistant Professor,Dept. of Mathematics(UG&PG), MGM, West Bengal, India.		
4:40 pm – 4:50 pm	**Paper Presenter-3:** Dr. Anjana Bhattacharyya, Assistant Professor of Mathematics, Victoria Institution (College), Kolkata, India	A New Type of Separation Axiom by p*-Closure Operator in Fuzzy Setting
4:50 pm – 5:00 pm	**Paper Presenter-4:** Dr Bablu Samanta Assistant Professor & HOD Dept. of Mathematics Egra SSB College Pubo Medinipur,west Bengal, INDIA	Uncertainty based multi-objective portfolio selection model
5:00 pm – 5:20 pm		Participant's question and Speaker's reply session
5:20 pm – 5:30 pm	Dr Manoranjan De Jt. Convener, Assistant Professor Department of Mathematics (UG & PG) Mugberia Gangadhar Mahavidyalaya	Vote of Thanks and End of the Webinar

*********************************End of Day 3*********************************

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Principal 25-05-23
Mugberia Gangadhar Mahavidyalaya