2018-2019

Department of Mathematics



Message from the LoD:



It is my pleasure to welcome you to the Department of Mathematics. Mathematics has always been at the heart of scientific and technological progress, offering solutions to complex problems and driving innovation across diverse fields. As the Head of the Department of Mathematics, I am proud to lead a community of scholars who are passionate about advancing mathematical knowledge and excellence.

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Dr. Arun Kumar Maiti Head & Associate Professor

SHYAMPUR SIDDHESWARI MAHAVIDYALAYA

Programme organized by the Department

Title: Freshers Welcome and Reunion - 2018 12th September 2018

Photograph:









Figure Caption: Photograph of Fresher's Welcome and Felicitation Programme - 2018

Title: Seminar On STOCHASTIC ORDERING AND AGING PROPERTIES OF RANDOM VARIABLES

25TH March 2019

Speaker - DR. Amarjit Kundu

Associate Professor

Department of Mathematics

Raiganj University

Photograph:





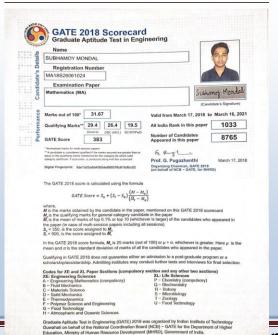




Figure Caption: Photograph Of Seminar In Mathematics Department 2019

Students' Achievements/Most Potential Mentee

1. Subhamoy Mondal – GATE 2018



Notable Alumni

SL. No	Name of the candidate	Name of the Institution/Office	Department	Post Hold	DOJ	Contact Number	Photo
1	Sourav Samanta	Union High Madrasah	School Education	A.T	19-07- 2018	9547892 992	
2	Rini Maiti	S.S.Mahavidyalay a	Higher Education	SACT	13-08- 2018	8016551 103	and the same of th
3	Uttam Chakrabo rty	Kalidaha Gohaldaha R. M. High School	School Education	A.T	18-09- 2018	9775179 948	
4	Dr. Krishnen du Adhikary	Loknayak Jaiprakash Institute of Technology	BPSC,Bihar	Assistant Professor	19-09- 2018	9641576 703	
5	Suvam Banerjee	Sainik School, Punglwa	Ministry of Diffence	PGT	22-10- 2018	8017896 107	•
6	Madhumi ta Bag	DMOffice &Collectorate, Hooghly	Administrati ve	Clerk	31-12- 2018	8348288 987	
7	Subhanka r Bag	Bijoynagar Adarsha Vidyamandir (H.S)	School Education	A.T	01-01- 2019	7001646 603	

SL. No	Name of the candidate	Name of the Institution/Office	Department	Post Hold	DOJ	Contact Number	Photo
8	Monalisa Kapat	Shri Jnan Bhaskar Vidyalaya, Ko	Education	A.T	08-01- 2019	9564594 352	
9	Chayan Jar	Mugkalyanl High School	School Education	A.T	09-01- 2019	8478889 862	
10	Binoy Bag	Jhumjhumi Hospital	Health & Family Welfare	Group D	11-01- 2019	9733491 035	
11	Soumen Bag	Kalikatala Milan Vidyapith (H.S)	Education	A.T	26-01- 2019	9832993 336	
12	Suvendu Ghosh	Dekhali High School	School Education	A.T	02-03- 2019	9733680 102	

2019-2020

Department of Mathematics



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Dr. Arun Kumar Maiti Head & Associate Professor

SHYAMPUR SIDDHESWARI MAHAVIDYALAYA

Programme organized by the Department

Title: Fresher's Welcome and Reunion - 2019 14th August 2019

Photograph:









Figure Caption: Photograph of Fresher's Welcome and Felicitation Programme - 2019

Title: Seminar On **SOME INTEGRAL EQUATION**

25th February 2020

Speaker - Dr. Soumen De

Assistant Professor

Department of Applied Mathematics

Calcutta University

Photograph:







Figure Caption: Photograph Of Seminar In Mathematics Department 2020

Students' Achievements/Most Potential Mentee

1. Kuntal Bera – GATE 2019, NET 2019



Certificate Courses or Value-Added Courses offered

Sl. No.	Name of the certificate course	Duration	Number of Students Enrolled	Number of Students Completed the Course
1	KNOW LATEX: SCIENTIFIC WRITING TOOL	32 Hours	22	22









Notable Alumni

SL. No	Name of the candidate	Name of the Institution/Office	Department	Post Hold	DOJ	Contact Number	Photo
1	Sraboni Mondal	Uluberia College	Higher Education	SACT	01-07- 2019	9134070 571	Stabon Math
2	Sudipta Manna	Engineering Institute of Jr. Executive	Technical Education	Lecturer	01-08- 2019	9614668 568	
3	Rajkumar Jyoti	Bagnan Station	Railway Engineering	Track Maintaine r	28-09- 2019	7278386 886	
4	Rituparna Patra	Ideal Public School	School Education	A.T	10-02- 2020	8348945 875	

2020-2021

Department of Mathematics



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Dr. Arun Kumar Maiti Head & Associate Professor



Programme organized by the Department

Nil (Due To Pandemic)

Title: Seminar On **RECENT TRENDS IN MATHEMATICS & ITS APPLICATION** 9th April 2020

Speaker -

- 1. Dr. Bikramaditya Sahu Assistant Professor Department of Mathematics NIT Rourkela
- 2. Mr. Abhijit Biswas
 Research Assistant
 Department Of Mathematics
 Temple University

Photograph:





Figure Caption: Photograph Of Seminar In Mathematics Department 2020

Achievements of teachers

Talk Delivered By Dr. Deepshikha

On generalized weaving frames in Hilbert spaces, International Conference on Mathematical Analysis & Applications, 02-04 Nov 2020, organized by the Department of Mathematics, National Institute of Technology Jamshedpur, India.

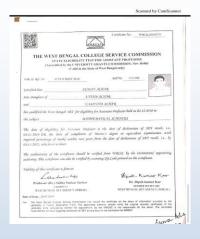
List of publications

1. **Deepshikha** and Jyoti, A note on discrete wave packet frames in ℂ*N*, *International Journal of Wavelets, Multiresolution and Information Processing*, 19(4) (2021), 1-9. Available at https://doi.org/10.1142/S0219691321500065

Students' Achievements/Most Potential Mentee

1. Suman Achar – Net 2021, SET 2021





Suman Achar

Notable Alumni

SL. No	Name of the candidate	Name of the Institution/Office	Department	Post Hold	DOJ	Contact Number	Photo
1	Indranil Sasmal	Punjab National Bank	National Bank	Single Window Operator	16-11- 2020	8250865 275	Indian) Surti
2	Haimanti Purkait	Kotra Branch Post Office	Indian Post	GDSBPM	18-11- 2020	7029942 546	
3	Lina Sanki	Pichaldaha Branch Office	Indian Post	GDSBPM	08-12- 2020	7557891 815	
4	Tuhin Sarkar	Kolia Amir Ali High School	Nabanna(IT Personnel)	ICT Computer Instructor	29-01- 2021	9093767 697	Tun Sadar
5	Koyel Das	Chandanpur Pry School Baganda	School Education	A.T	18-02- 2021	8768122 129	10
6	Suman Achar	Kolaghat Mugkalyan Model Pry School	School Education	A.T	18-02- 2021	9123089 690	
7	Kashinat h Mondal	Molla Uttar Pry School	School Education	A.T	18-02- 2021	8348407 609	
8	Labani Bag	Batul Paschimpara Pry School	School Education	A.T	13-05- 2021	7797501 668	labani1

2021-2022

Department of Mathematics



Message from the HoD:



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Dr. Arun Kumar Maiti Head & Associate Professor



Programme organized by the Department

Title: Fresher's Welcome and Reunion - 2021 20th December 2021

Photograph:











Figure Caption: Photograph of Fresher's Welcome and Felicitation Programme - 2021

Title: Seminar On HIGHER STUDIES IN MATHEMATICS

17th December 2021

Speaker - Dr. Deepshikha

Assistant Professor

Department of Mathematics

Shyampur Siddheswari Mahavidyalaya

Photograph:



Figure Caption: Photograph Of Seminar In Mathematics Department 2021

Title: Seminar On REMARKABLE FEATURES ON NONLINEAR DIFFERENTIAL

EQUATIONS

13th April 2022

Speaker - Prof. Swarup Poria

Professor

Department of Applied Mathematics

Calcutta University

Photograph:











Figure Caption: Photograph Of Seminar In Mathematics Department 2022

Achievements of teachers

Talk Delivered By Dr. Deepshikha

- 1. On discrete frames of translates, 4th International Conference on Mathematical Modelling, Applied Analysis and Computation-2021 (ICMMAAC-21), 5-7 Aug 2021, organized by JECRC University, Jaipur, India.
- 2. On some results of discrete frames of translates, International Conference on Recent Advances in Nonlinear Functional Analysis and its Applications-2022 (ICRANFAA-2022), 29-30 Jan 2022, organized by Department of Mathematics, Andhra University, India.

List of publications

1. **Deepshikha** and Aniruddha Samanta, On weaving generalized frames and generalized Riesz bases, *Bulletin of the Malaysian Mathematical Sciences Society*, 45(2021), 361-378. Available at https://doi.org/10.1007/s40840-021-01193-w

Students' Achievements/Most Potential Mentee

- 1. Amit Mainan Net 2021
- 2. Ranajit Jyoti Net 2021







Amit Mainan

Certificate Courses or Value-Added Courses offered

Sl. No.	Name of the certificate course	Duration	Number of Students Enrolled	Number of Students Completed the Course
1	SCIENTIFIC DOCUMENTATION BT LATEX	32 Hours	16	16







Notable Alumni

SL.	Name of	Name of the	Department	Post Hold	DOJ	Contact	Photo
No	the candidate	Institution/Office	Department	Post Hold	DOJ	Number	FIIOtO
1	Supravat Samanta	Zeeve Inc	Block Chain(IT)	Software Engineer	07-07- 2021	9775589 511	
2	Sourav Bera	Baneswarpur Prathamik Vidyalaya	School Education	A.T	30-07- 2021	8101186 670	
3	Tapas Mal	Sardar Vallabhbhai N.I.T,Surat,Gujur at	Mathematic s	Research Assistant	06-08- 2021	9734887 342	Co 14
4	Saikat Bhattach arya	Newtown Police Station	Ministry of Home & Hill Affairs	Sub Inspector Of Police	13-08- 2021	9093211 008	s akat bhattachaya
5	Bholanat h Mondal	Kaikhali Boinchberia High School Radhapur High School	School Education	A.T	21-09- 2021	8509757 848	

2022-2023

Department of Mathematics





Among the most advanced and well-developed fields of the fundamental sciences, Mathematics is one of the oldest academic courses. The natural sciences, engineering, medicine, and social sciences all rely heavily on mathematics, which is the study of amount, structure, space, and change. In Mathematics, we aim to establish truth by rigorous deduction, which in turn helps in the development of analytical, reasoning, and logical skills.

Since its inception in 1964, the Department of Mathematics has been working hard to establish itself as a center of excellence in the field and has been actively engaged in teaching. The department currently has four well-qualified, experienced faculty members, two of whom are Doctorates. The faculty members have published around 50 papers in various National and International Journals.

The goal of the mathematics department is to teach mathematics with excellence. The teachers train the students with a solid foundation in mathematics theory and its applications. Using outcome-based teaching and learning strategies, we aim to instill analytical and logical abilities in our undergraduate students. Furthermore, we bring innovative teaching methods and valuable learning opportunities into the classroom by incorporating programming languages like C, computer algebra systems like Maxima and SageMath, mathematical modeling using software, introduction of certificate course on documentation preparation using LaTeX, etc.

Dr. Deepshikha

Head & Assistant Professor





Programme organized by the Department

Title: Fresher's Welcome and Felicitation Programme - 2022 21st September 2022

Photograph:









Figure Caption: Photograph of Fresher's Welcome and Felicitation Programme – 2022

Title: Seminar On **STUDY OF SETS WITH SPECIAL FOCUS ON FUZZY SETS** 23rd April 2023

Speaker - Dr. Sankar Roy

Professor and Head

Department of Applied Mathematics

Vidyasagar University

Photograph:









Figure Caption: Photograph Of Seminar In Mathematics Department 2023

Achievements of teachers

Talk Delivered By Dr. Deepshikha

On weaving generalized frames and generalized Riesz bases, 2022 international conference on Applied Mathematics, Informatics, and Computing Sciences (AMICS 2022) organized by Bosen Academic Research Institute, China.

List of publications

- **1. Deepshikha**, Equivalence relations and distances between generalized frames, *Journal of Pseudo-Differential Operators and Applications*, 13 (47) (2022), 1-19. Available at https://doi.org/10.1007/s11868-022-00479-2
- **2. Deepshikha** and Aniruddha Samanta, Averaged numerically optimal dual frames for erasures, *Linear and Multilinear Algebra*, 71 (2) (2023), 1-16. Available at https://doi.org/10.1080/03081087.2022.2030658

Students' Achievements/Most Potential Mentee

- 1. Sooyam Bal (Passed Out 2023) JAM
- 2. Susanta Mondal GAET 2022
- 3. Soumyadip Dey GATE 2022



Sooyam Bal



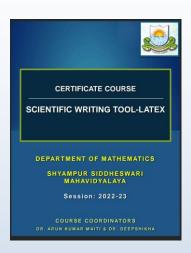
Susanta Mondal



Soumyadip Dey

Certificate Courses or Value-Added Courses offered

Sl.	Name of the certificate	Duration	Number of	Number of
No.	course		Students	Students
			Enrolled	Completed the
				Course
1	SCIENTIFIC WRITING	30 Hours	27	27
	TOOL-LATEX			









Notable Alumni

SL. No	Name of the	Name of the Institution/Office	Department	Post Hold	DOJ	Contact Number	Photo
	candidate						
1	Arpan	TCS,Gitanjali		System	10-10-	7047906	Arpan
	Samanta	Park-		Software	2022	939	
		SEZ,Newtown,		Engineer			
		Kol					
2	Mangaldi	Employees State	Ministry of	UDC,	20-12-	8777219	Mangaldip Pramanik
	p	Insurance	Labour and	level-4	2022	248	
	Pramanik	Corporation	Employmen				
			t				
3	Riddhi	Office of the SI/S	Eucationd	LDC	06-04-	7699557	
	Mondal	,Bagnan North			2023	612	(9.5)
		Circle					
4	Monojit	Railway Head	Railway	Jr. Clerk	26-05-	8513054	
	Jana	Office 17,Fairlie	Department		2023	579	
		Place Road					

2023-2024

Department of Mathematics



Message from the LoD:

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Dr. Deepshikha Head & Assistant Professor



Programme organized by the Department

Title: Freshers Welcome & Felicitation Ceremony 6th October 2023

Photograph:

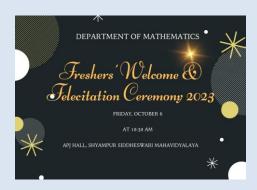








Figure Caption: Photograph of Fresher's Welcome and Felicitation Programme - 2023

Title: Celebration Of **MATHEMATICS WEEK**18th December 2023 to 22th December 2023
Event - Poster Presentation And Quiz Competition

Photograph:



Figure Caption: Photograph Of Seminar In Mathematics Department 2023



1. Aniruddha Samanta, Deepshikha, Kinkar Chandra Das, *Unifying adjacency, Laplacian, and signless Laplacian theories*, Ars Mathematica Contemporanea 24(9)(2024), 1-27. Available at: https://doi.org/10.26493/1855-3974.3163.6hw

Students' Achievements/Most Potential Mentee

1. Srimanta Maity – NET 2023



Srimanta Maity

Notable Alumni

GT.	N	NT 0.1	.	D . II 11	DOI	a	701
SL.	Name of	Name of the	Department	Post Hold	DOJ	Contact	Photo
No	the	Institution/Office				Number	
	candidate						
1	Himadri	Jamalpur	Indian	Assistant	23-08-	7407692	
	Sekhar	Workshop	Railway	Workshop	2023	422	20
	Panda						
							N X W
2	Arinjit	ICICI Bank in	Bank	Assistant	11-09-	8101558	Aftr
	Khanra		Dank		2023	072	
	Kiiaiira	Ecospace Branch		Manager	2023	072	
3	Sourav	Adamas	Mathematic	Faculty	13-09-	8240986	
	Das	University,	S	J	2023	615	
		Belgharia					
		C					
4	Rittick	Baruipur Police	WB Police	WBP	15-09-	8509183	
	Roy	District		Wireless	2023	514	
	•			Operator			
				•			
5	Preetam	Swami	WB Police	Sub	31-10-	8001057	
	Adhikari	Vivekananda		Inspector	2023	717	99
		State Police		~ F			19
		Academy					
6	Suman	Swami	WB Police	Sub	01-11-	9064233	
0		Vivekananda	W B Police	15 11 5	2023	9004233 073	
	Sautia			Inspector	2023	0/3	
		State Police					
7	Domina	Academy	School	A.T	18-11-	8001269	5 255 35
/	Ranjan	Hoglasi		A. I	_		
	Kumar	Bishalakshmi Pry	Education		2023	060	
	Sau	School					42340

SL. No	Name of the candidate	Name of the Institution/Office	Department	Post Hold	DOJ	Contact Number	Photo
8	Jagannat h Jana	Raja Rammohan Ray Sarani Post Office	Indian Post	Senior Superinten dent	26-12- 2023	7699636 93	Jagannath Jana
9	Sourav Dhara	Central Board Of Direct Taxes Kolkata	Ministry Of Finance	Accountan t	29-04- 2024	9734896 869	3
10	Sayantan Poria	Indian Bank Nabagram	Bank	Customer Service Associate	18-06- 2024	8436228 495	
11	Sujash Mondal	Changghurali Board Primary Schaool	School Education	A.T	03-06- 2024	8515990 552	
12	Rehana Parvin		Education	ICDS Supervisor	03-06- 2024	8101879 191	
13	Piyali Garai		Education	ICDS Supervisor	16-07- 2024	8536062 947	
14	Sutrishna Das	Asha Niketan Chennai	Education		25-07- 2024	9134519 209	
15	Sofiullah Khan	Hallyan High School	School Education	A.T	07-12- 2024	9734509 986	